

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**WATER LINE REPLACEMENT IN
HUGHES ROAD AREA – PACKAGE I**

Houston, Texas

WBS No. S-000035-0187-4



CITY OF HOUSTON



**QUADRANT
CONSULTANTS INC.**

QUADRANT CONSULTANTS INC.

7322 Southwest Freeway, Suite 470

Houston, Texas 77074

Quadrant Project No. 23457.02

Bruce F. Leon, Ph.D.
Environmental Scientist

June 29, 2012

CONTENTS

Summary	iii
1 Introduction.....	1
1.1 Purpose.....	1
1.2 Scope of Services	1
2 Environmental Setting	2
2.1 Land Use	2
2.2 Soils and Geology	2
2.3 Topography	2
2.4 Hydrology	2
2.5 Floodplains.....	3
3 Records Review/Findings	3
3.1 Standard Environmental Record Sources	3
3.2 Fire Insurance Maps.....	3
3.3 Historical Aerial Photographs.....	4
4 Site Reconnaissance.....	5
5 Interviews.....	5
6 Opinions and Recommendations	5
7 Conclusions.....	5
8 Investigator’s Statement.....	5
References.....	6
Appendix A: Maps of Proposed Water Lines	
Appendix B: Photographs of Project Area	
Appendix C: Aerial Photographs of Project Area	
Appendix D: Database Search Results	
Appendix E: Fire Insurance Map Records	
Appendix F: Closed Landfill Inventory Records	
Appendix G: Qualifications of Preparers	

TABLES

Table 1: Proposed Water Lines.....	1
Table 2: Potential Hazardous Materials Sites	4

Summary

Quadrant Consultants Inc. conducted a Phase I Environmental Site Assessment for proposed water line replacement in the Hughes Road area, in southeast Houston, Harris County, Texas, for the City of Houston, in accordance with ASTM Standard Practice E 1527-05, as modified by the City of Houston Design Manual, Chapter 11, Section 11.25, dated July 1, 2011. The purpose of this assessment was to locate potential sources of contamination in the project rights-of-way.

Historical aerial photographs showed that the Hughes Road area was not developed until after 1953, and development since then has been almost entirely residential. A records review of five records within standard radii and a reconnaissance of the project rights-of-way and adjacent properties were performed.

This assessment has revealed no evidence of recognized environmental conditions in connection with the proposed rights-of-way. Historical aerial photographs show no industrial development in the project area in the previous 67 years. Databases by federal and state agencies do not show sites with potential environmental conditions, and our site inspection finds no visible evidence of hazardous materials or contamination. We recommend no further investigation.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
WATER LINE REPLACEMENT IN HUGHES ROAD AREA –
PACKAGE I
Houston, Texas
WBS No. S-000035-0187-4

Quadrant Consultants Inc. conducted a Phase I environmental site assessment for proposed water line replacement in the Hughes Road area, in Houston, Harris County, Texas, for the City of Houston.

1 Introduction

The City of Houston proposes to replace potable water pipelines in the Hughes Road area with new water lines, as listed in Table 1. Appendix A has a map of the Hughes Road area and the project rights-of-way.

1.1 Purpose

The purpose of this assessment was to locate potential sources of contamination in the project rights-of-way. The City of Houston intends to use this assessment, and any additional Phase II investigation recommended by this assessment, to determine whether and where special construction techniques and worker protection would be required during construction of the proposed water lines.¹

1.2 Scope of Services

This Phase I Environmental Site Assessment was performed in conformance with Standard E 1527-05 of the American Society for Testing and Materials (ASTM), as modified by the City

Table 1: Proposed Water Lines

<i>No.</i>	<i>Street Name</i>	<i>From</i>	<i>To</i>	<i>Length (feet)</i>
1	Sagevalley Drive	Hughes Road	Sagedowne Lane	1,040
2	Sagepark Lane	Hughes Road	Sagedowne Lane	1,040
3	Sagewind Lane	Hughes Road	Sagedowne Lane	1,040
4	Sagewillow Lane	Hughes Road	Sagedowne Lane	1,040
5	Sagemeadow Drive	Hughes Road	Sagedowne Lane	1,040
6	Sagevale Lane	Hughes Road	Sagedowne Lane	1,040
7	Sageberry Drive	Hughes Road	Sagedowne Lane	1,040
8	Sagevale Lane	Hall Road	End (south)	1,660
9	Sageberry Drive	Hall Road	End (south)	1,620
10	Sageburrow Drive	Hall Road	Sagedowne Lane	3,300
11	Sagetrail Drive	Hall Road	Sagedowne Lane	3,300
12	Sagebluff Drive	Hall Road	Sagetrail Drive	1,200
13	Sagecanyon Drive	Hall Road	Hughes Road	1,870
14	Sagecanyon Drive	Hughes Road	Sageplum Drive	2,080
15	Hall Road	Sagemeadow Drive	Sagecanyon Drive	1,770
16	Sageorchard Lane	Sagemeadow Drive	Sagecanyon Drive	1,770
17	Sagelea Drive	Sagetrail Drive	End (west)	200
18	Sageelm Drive	Sagetrail Drive	End (west)	200
19	Sagedowne Lane	Sagevalley Drive	Sageberry Drive	1,660
20	Sagedowne Lane	Sageburrow Drive	Sagecanyon Drive	570
21	Sagerock Drive	Sageplum Drive	Sagecanyon Drive	780
22	Sageplum Drive	Sagerock Drive	Sagecanyon Drive	780

of Houston Design Manual, Chapter 11, Section 11.25, dated July 1, 2011.²

We examined historical information, databases of regulatory agencies, field observations and personal interviews, as per contract requirements.³ We performed the following tasks:

- We reviewed records of databases maintained by federal and state regulatory agencies for known hazardous materials, as follows:
 - Within 1 mile for National Priority List, Resource Conservation and Recovery Act (RCRA) treatment, storage and disposal facilities, and Texas hazardous waste sites; and
 - Within 500 feet of the project rights-of-way for all other databases.
- We examined historical aerial photographs to identify changes in land uses in the project rights-of-way. We obtained aerial photographs from the Agricultural Stabilization and Conservation Service (1944), United States Geological Survey (1953), Wallace (1969), Texas Department of Transportation (1978 and 1989), United States Geological Survey (1995), and United States Department of Agriculture (2004 and 2010);
- We inspected the project rights-of-way and viewed adjacent properties; and
- We prepared a report describing the findings of the Phase I Environmental Site Assessment and presenting our opinions, recommendations and conclusions.

2 Environmental Setting

2.1 Land Use

Land adjacent to the project rights-of-way is in mostly residential use. About 90 percent of the land is residential, mostly the Sagemont residential subdivision, built in the 1960s and 1970s. Frazier Elementary School, part of the Pasadena Independent School District, occupies land north of Hughes Road between Sagemeadow Drive and Sageburrow Drive. There is no industrial activity.

2.2 Soils and Geology

The *Soil Survey of Harris County, Texas*⁴ shows two soil types in the Hughes Road area: Lake Charles Clay and Lake Charles-Urban Land Complex. The Lake Charles Series are very deep, moderately well drained, very slow permeable soils that formed in clayey sediments. According to the 1990 hydric soils list for Harris County, Lake Charles soil is not hydric, although it can develop hydric characteristics. Appendix A has a map of soil types.

2.3 Topography

The 7.5-minute topographic map by the United States Geological Survey⁵ shows that the natural ground surface of the project rights-of-way is 35 to 45 feet above mean sea level and has very little topographic variation. Appendix A has an excerpt from the topographic map.

2.4 Hydrology

The project area is crossed by two excavated drainage ditches (Ditch A120-04-00 and Ditch A120-04-01). Drainage Ditch A120-04-01 enters from the southwest and flows northeast into Ditch A120-04-00 at Sageburrow Drive and Sagedowne Lane. Drainage Ditch A120-04-00 enters from the northwest and flows southeast to Ditch A120-04-01, then northeast into Ditch A120-00-00 along Beamer Road.

The closest natural stream is Clear Creek, which is about 1½ miles to the south. Rainwater reaching the proposed water lines flows southeast into Ditches A120-04-00 and A120-04-01, then to Ditch A120-00-00, which flows to Clear Creek. Groundwater flow typically follows surface topography, which slopes southeast to Clear Creek.

Ditches A120-04-00 and A120-04-01 were not shown on aerial photographs until 1974, and there is no water feature near their locations. Therefore, the ditches were cut from uplands before 1974 and are not jurisdictional under Section 404 of the Clean Water Act of 1972; no permit from the U.S. Army Corps of Engineers is required. However, any construction work in these ditches will require approval by the Harris County Flood Control District.

2.5 Floodplains

The flood insurance rate map by the Federal Emergency Management Agency⁶ shows that part of the project rights-of-way are in the 100-year floodplain. The northwest half of Sagemeadow Drive (about 1,200 feet) is in the floodplain. In addition, the west end of Sagewillow Lane, Sagewind Drive, Sagepark Lane and Sagevalley Drive are in the floodplain. Appendix A has an excerpt from the floodplain map.

3 Records Review/Findings

3.1 Standard Environmental Record Sources

We obtained records in databases maintained by the U.S. Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) from Banks Environmental Data⁷ on February 9, 2012. We also examined records maintained by the Houston-Galveston Area Council⁸ (H-GAC) for closed landfill sites within 500 feet. The databases list five records of sites within standard radii that are potential sources of hazardous contamination. Table 2 shows the results of the search. The complete report, including maps showing site locations, is in Appendix D, and a map of closed landfill sites is in Appendix F.

One RCRA Hazardous Waste Generator site is within 500 feet:

- Bell Cleaners, 10806 Hughes Road (EPA No. TXR000071704) is confirmed by the TCEQ to be a conditionally-exempt small-quantity generator of hazardous materials. No violation has been reported.

Two Dry Cleaner sites are listed within 500 feet:

- Bell Cleaners and Alteration (10806 Hughes Road). This dry cleaner site is listed as active, but field investigation showed that this dry cleaner site has closed.
- Star Cleaners (10835 Hughes Road). This dry cleaner site is active, but is down-gradient of the proposed rights-of-way. In addition, the proprietor indicated in an interview that the hazardous materials generated by this site are stored inside the property and picked up by a recycle company.

In addition, two Industrial Hazardous Waste sites are within 1 mile. Both sites are out of use and no violation has been reported at either site.

3.2 Fire Insurance Maps

Maps of central business districts were prepared for fire insurance companies in the late nineteenth century. These maps were updated and the coverage area expanded periodically through-

Table 2: Potential Hazardous Materials Sites

<i>Database</i>	<i>Regulatory Agency</i>	<i>Radius</i>	<i>Sites</i>
National Priority List Sites	EPA	1 mile	0
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	EPA	500 feet	0
CERCLIS No Further Remedial Action Planned	EPA	500 feet	0
Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal Facilities	EPA	1 mile	0
RCRA Generators	EPA	500 feet	1
RCRA Corrective Action Sites	EPA	500 feet	0
Other RCRA Sites	EPA	500 feet	0
Emergency Response Notification Sites	EPA	500 feet	0
Federal Brownfield Sites	EPA	500 feet	0
Voluntary Cleanup Sites	TCEQ	500 feet	0
Registered Petroleum Storage Tanks	TCEQ	500 feet	0
Leaking Petroleum Storage Tanks	TCEQ	500 feet	0
Industrial Hazardous Waste Sites	TCEQ	1 mile	2
Dry Cleaners	TCEQ	500 feet	2
Closed Landfill Sites	H-GAC	500 feet	0

out the twentieth century. The fire insurance maps often indicate construction materials of specific buildings and the locations of gasoline storage tanks. As documented in Appendix E, no fire insurance map covers the Hughes Road area.

3.3 Historical Aerial Photographs

We reviewed historic aerial photographs of the project area (Appendix C) to establish previous land uses and identify industrial activities or obvious surface features that might indicate a recognized environmental condition. Historical aerial photographs showed that the land adjacent to the project rights-of-way has been in mostly residential use for at least 43 years:

- The 1944 photograph⁹ showed the Hughes Road area to be almost completely undeveloped, with no residential or industry activity. Hall Road and Beamer Road were built by 1944.
- The 1953 aerial photograph¹⁰ showed no change from the 1944 photograph.
- The 1969 aerial photograph¹¹ showed more development than the 1953 photograph. Since the 1953 aerial photograph, Hughes Road was built. The large Sagemont residential area appeared at the northeast part of the project area. Other parts of the project area were still undeveloped.
- The 1976 aerial photograph¹² showed more development than the 1969 photograph. Almost all of the area was developed as residential land. Frazier Elementary School was built. Hughes Road was extended southwest to Blackhawk Blvd. Drainage Ditch A120-04-00 and Drainage Ditch A120-04-01 showed on the photograph.
- The 1989 aerial photograph¹³ showed more development than the 1978 photograph. The vacant land west of Sagecanyon Drive had been developed into residential land. In addition, several commercial buildings appeared on both sides of Beamer Road.
- The 1995 aerial photograph¹⁴ showed no change from the 1989 photograph.
- The 2004 aerial photograph¹⁵ showed no change from the 1995 photograph.

- The 2010 aerial photograph¹⁶ showed no change from the 2004 photograph.

4 Site Reconnaissance

We visited the Hughes Road area on March 6, 2012, and viewed the project rights-of-way and adjacent properties. We looked for land uses and activities with potential for causing contamination by hazardous substances, and for indications of contamination. We also viewed sites listed in regulatory agency databases to verify their existence and observe conditions. Appendix B has photographs taken within the project rights-of-way of streets and adjacent properties.

We observed residential land but no industrial activity along the project rights-of-way. We visited a gasoline station and a dry cleaning store (Star Cleaners) at the corner of Hughes Road and Sagevalley Drive and saw no evidence of recognized environmental conditions on these properties.

5 Interviews

We interviewed the owner of Star Cleaners, at the corner of Hughes Road and Sagevalley Drive. The purpose of this interview was to obtain more information about how the dry cleaning store handles the hazardous materials used for dry cleaning. The owner stated that these materials were stored inside the property and picked up regularly by a waste recycling company.

6 Opinions and Recommendations

We found no site in the records review, historic aerial photographs review or our field reconnaissance that has a recognized environmental condition. We recommend no further investigation.

7 Conclusions

We have performed a Phase I Environmental Site Assessment of the proposed Hughes Road Area – Package I Water Line Replacement project rights-of-way, in conformance with the scope and limitations of American Society for Testing and Materials Practice E 1527-05, as modified by the City of Houston Design Manual, Chapter 11, Section 11.25, dated July 1, 2011. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the proposed rights-of-way.

8 Investigator's Statement

I declare that, to the best of my knowledge and belief, I meet the definition of “Environmental Professional” as defined in 40 CFR §312.10 and I have the specific qualifications to assess a property of the nature, history, and setting of the proposed rights-of-way. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

REFERENCES

- ¹ City of Houston. 2003. *City of Houston Standard Specification 02120: Offsite Transportation and Disposal*. City
- ² City of Houston. 2011. *City of Houston Design Manual: Chapter 11, Geotechnical and Environmental Requirements*. City of Houston Department of Public Works & Engineering, Houston, Texas, July 1, 2011.
- ³ City of Houston. 2011. Water Line Replacement in Fairlawn Area, WBS #S-000035-0186-3 and Water Line Replacement in Hughes Road Area – Package I, WBS #S-000035-0187-3; Contract Number 4600011277.
- ⁴ Natural Resources Conservation Service. 1976. *Soil Survey for Harris County, Texas*. U.S. Government Printing Office, Washington, D.C.
- ⁵ United States Geological Survey. 1982. 7.5-Minute Quadrangle Maps for Friendswood, Texas. U.S. Geological Survey, Denver, Colorado.
- ⁶ Federal Emergency Management Agency. 2007. Flood Insurance Rate Map No. 48201 C 1030L, June 18, 2007. Harris County Flood Control District, Houston, Texas.
- ⁷ Banks Environmental Data. 2012. Environmental FirstSearch Report for Hughes Road Area, Houston, Texas 77089. Austin, Texas. Prepared February 9, 2012.
- ⁸ Houston-Galveston Area Council. 2012. Closed Landfill Sites in the Houston-Galveston Area. <http://www.hgac-cli.com/>.
- ⁹ Agricultural Stabilization and Conservation Service. 1944. Aerial photograph of Hughes Road area.
- ¹⁰ United States Geological Survey. 1953. Aerial photograph of Hughes Road area.
- ¹¹ Wallace. 1969. Aerial photograph of Hughes Road area.
- ¹² United States Geological Survey. 1976. Aerial photograph of Hughes Road area.
- ¹³ Texas Department of Transportation. 1989. Aerial photograph of Hughes Road area.
- ¹⁴ United States Geological Survey. 1995. Aerial photograph of Hughes Road area.
- ¹⁵ United States Department of Agriculture. 2004. Aerial photograph of Hughes Road area.
- ¹⁶ United States Department of Agriculture. 2010. Aerial photograph of Hughes Road area.

APPENDIX A

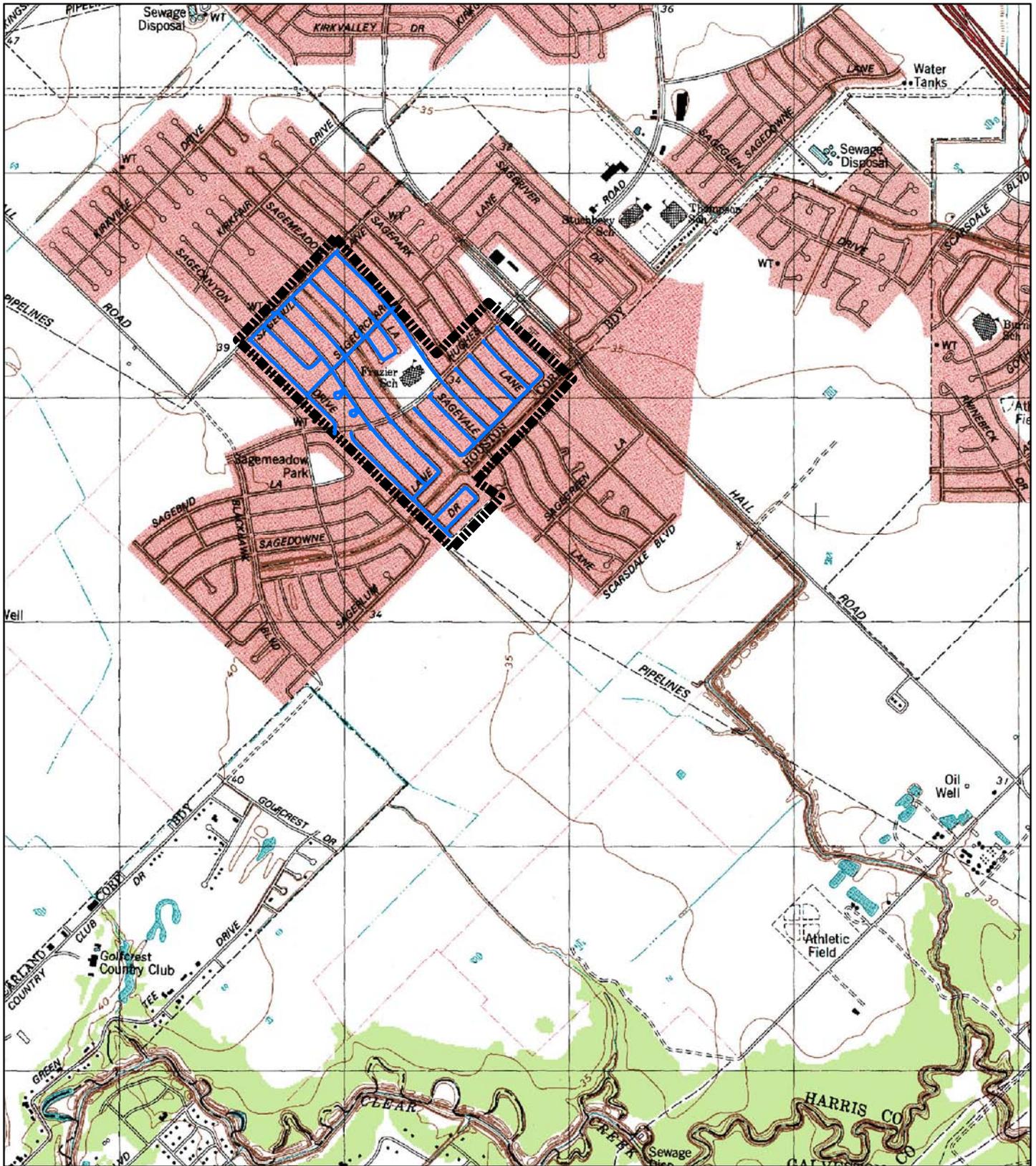
MAPS OF PROPOSED WATER LINES

Project Vicinity Map

Topographic Map

Soils Map

Floodplain Map



Source: US Geological Survey, Friendswood Quadrangle, 1982

Legend

-  Proposed Water Lines
-  Project Area



Topographic Map
Water Line Replacement in
Hughes Road Area
Houston, TX

APPENDIX B

PHOTOGRAPHS OF PROJECT AREA



Photo 1: View of project right-of-way at Sageburrow Drive, facing north.



Photo 2: View of project right-of-way at Sagetrail Drive, facing north.



Photo 3: View of project right-of-way at Sagevalley Drive, facing north.



Photo 4: View of tanks keeping waste at Star Cleaners, 10835 Hughes Road, facing north.

APPENDIX C

AERIAL PHOTOGRAPHS OF PROJECT AREA

1944 Aerial Photograph, Agricultural Stabilization and Conservation Service
1953 Aerial Photograph, U.S. Geological Survey
1969 Aerial Photograph, Wallace
1976 Aerial Photograph, U.S. Geological Survey
1989 Aerial Photograph, Texas Department of Transportation
1995 Aerial Photograph, U.S. Geological Survey
2004 Aerial Photograph, U.S. Department of Agriculture
2010 Aerial Photograph, U.S. Department of Agriculture



Source: Agricultural Stabilization and Conservation Service

Legend

-  Proposed Water Lines
-  Project Area



1944 Aerial Photo

Water Line Replacement in Hughes Road Area

Houston, TX



Source: United States Geological Survey

Legend

-  Proposed Water Lines
-  Project Area



1953 Aerial Photo

Water Line Replacement in Hughes Road Area

Houston, TX



Source: Wallace

Legend

-  Proposed Water Lines
-  Project Area



1969 Aerial Photo

Water Line Replacement in Hughes Road Area

Houston, TX



Source: Texas Department of Transportation

Legend

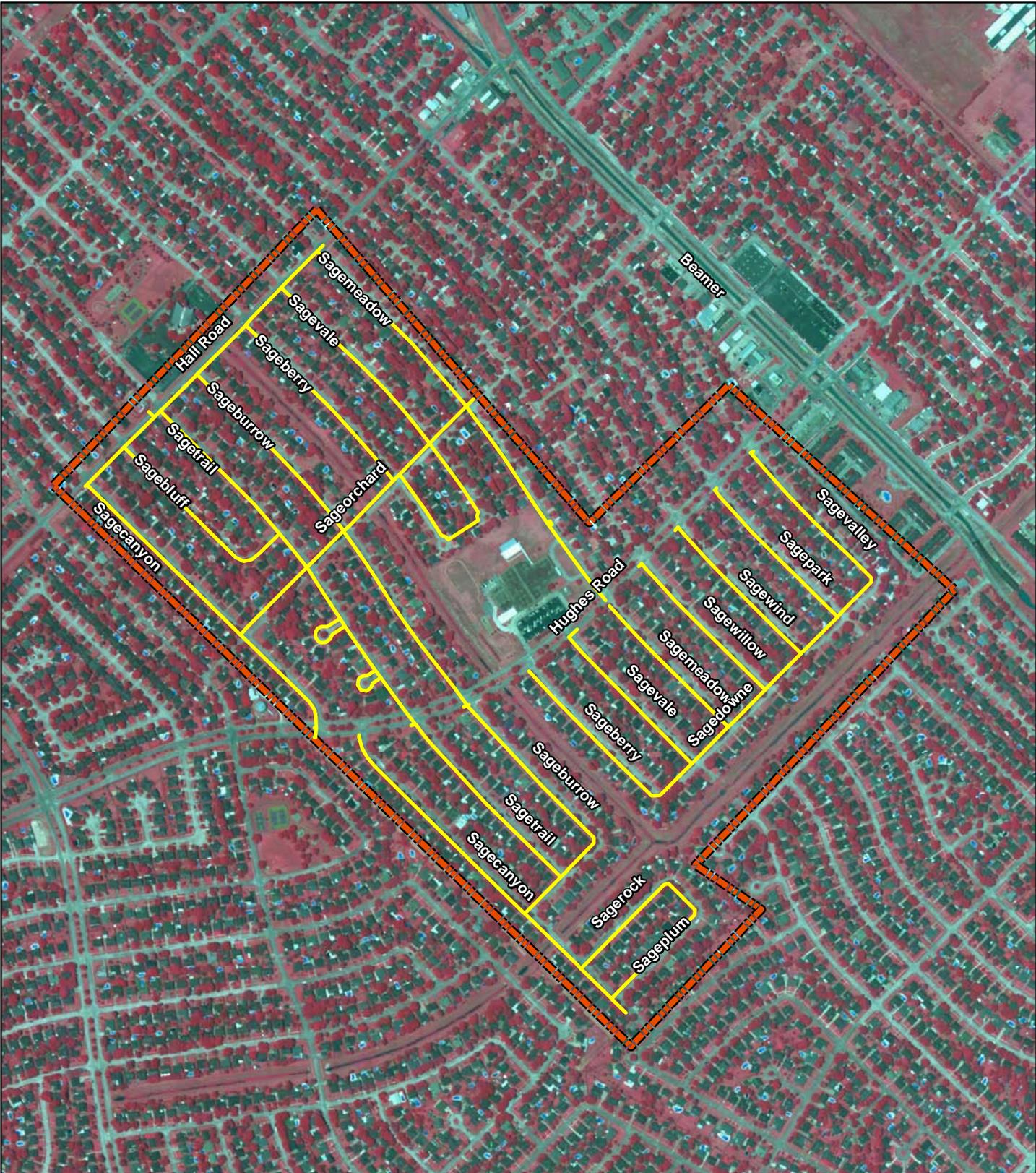
-  Proposed Water Lines
-  Project Area



1989 Aerial Photo

Water Line Replacement in Hughes Road Area

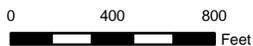
Houston, TX



Source: United States Department of Agriculture

Legend

-  Proposed Water Lines
-  Project Area



2004 Aerial Photo
Water Line Replacement in
Hughes Road Area

Houston, TX

APPENDIX D DATABASE SEARCH RESULTS



Thursday, February 09, 2012

Client

QUADRANT CONSULTANTS, INC. (QCI)

7322 Southwest Freeway

Ste 470

Houston, TX 77074

Target Property

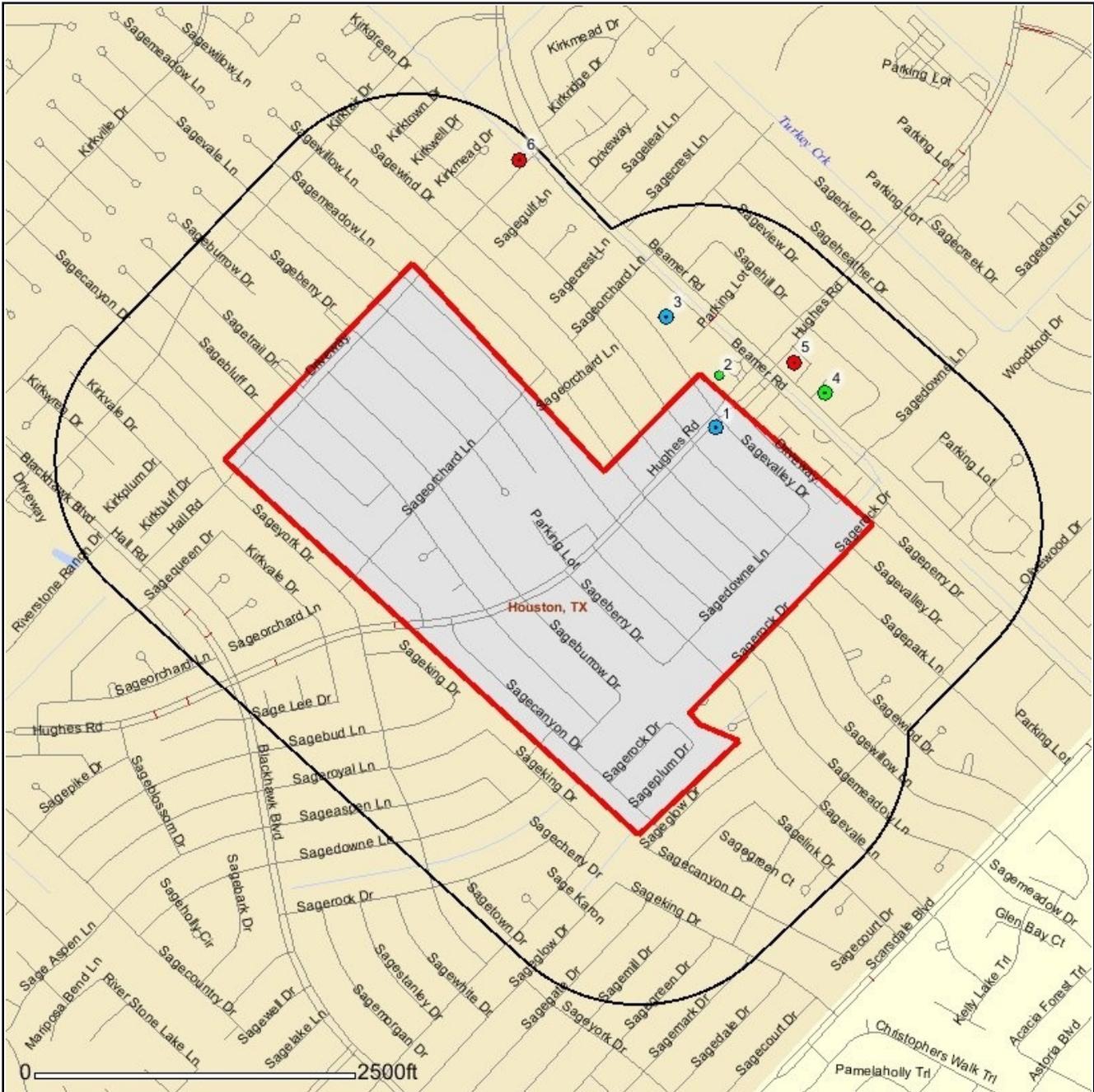
Hughes Road

Harris County , TX 77089

ES#: 90469

Database Review Summary	3
Maps	
0.25 Mile Buffer Summary Map	4
0.5 Mile Buffer Summary Map	5
1 Mile Buffer Summary Map	6
Topographic Overlay Map - 1 Mile Buffer	7
1996 Aerial Overlay Map - 0.5 Mile Buffer	8
2004 Aerial Overlay Map - 0.5 Mile Buffer	9
Soil Survey Map	10
Geographic/Geologic Summary for Target Property	11
Water & Oil/Gas Wells	14
Mapped Sites Summary	16
Site Details	
Mapped Sites Details	17
Federal & State Database Definitions and Sources	69
Disclaimer	72

Databases Searched	Distance Searched	# Mapped	# Not Mapped	Total
Federal - ASTM 1527-05/AAI Required				
National Priority List (NPL)	1.000	0	0	0
Delisted National Priority List (DNPL)	0.500	0	0	0
CERCLIS (CER)	0.500	0	0	0
CERCLIS NFRAP (CER NFRAP)	0.500	0	0	0
RCRA CORRACTS (RCRA COR)	1.000	0	0	0
RCRA non-CORRACTS TSD (RCRA TSD)	0.500	0	0	0
RCRA Generators (RCRA GEN)	0.250	1	0	1
Federal Brownfields (FED BWN)	0.500	0	0	0
Federal Institutional Control (FED IC)	0.500	0	0	0
Federal Engineering Control (FED EC)	0.500	0	0	0
ERNS List (ERNS)	0.250	0	0	0
State - ASTM 1527-05/AAI Required				
State/Tribal Equivalent NPL (ST NPL)	1.000	0	0	0
State/Tribal Equivalent CERCLIS (ST CER)	0.500	0	0	0
State/Tribal Disposal or Landfill (SWLF)	0.500	0	0	0
State/Tribal Leaking Storage Tank (LPST)	0.500	6	0	6
State/Tribal Storage Tank (PST)	0.250	3	0	3
State/Tribal Institutional Control (ST IC)	0.250	0	0	0
State/Tribal Engineering Control (ST EC)	0.500	0	0	0
State/Tribal Voluntary Cleanup (VCP)	0.500	1	0	1
State/Tribal Brownfield (ST BWN)	0.500	0	0	0
Non-ASTM/AAI Required Databases				
RCRA (RCRA)	0.250	2	0	2
Dry Cleaners (DRYC)	0.250	2	0	2
Industrial Hazardous Waste (IHW)	0.250	2	0	2
Total Sites Found		17	0	17



★ Target Site

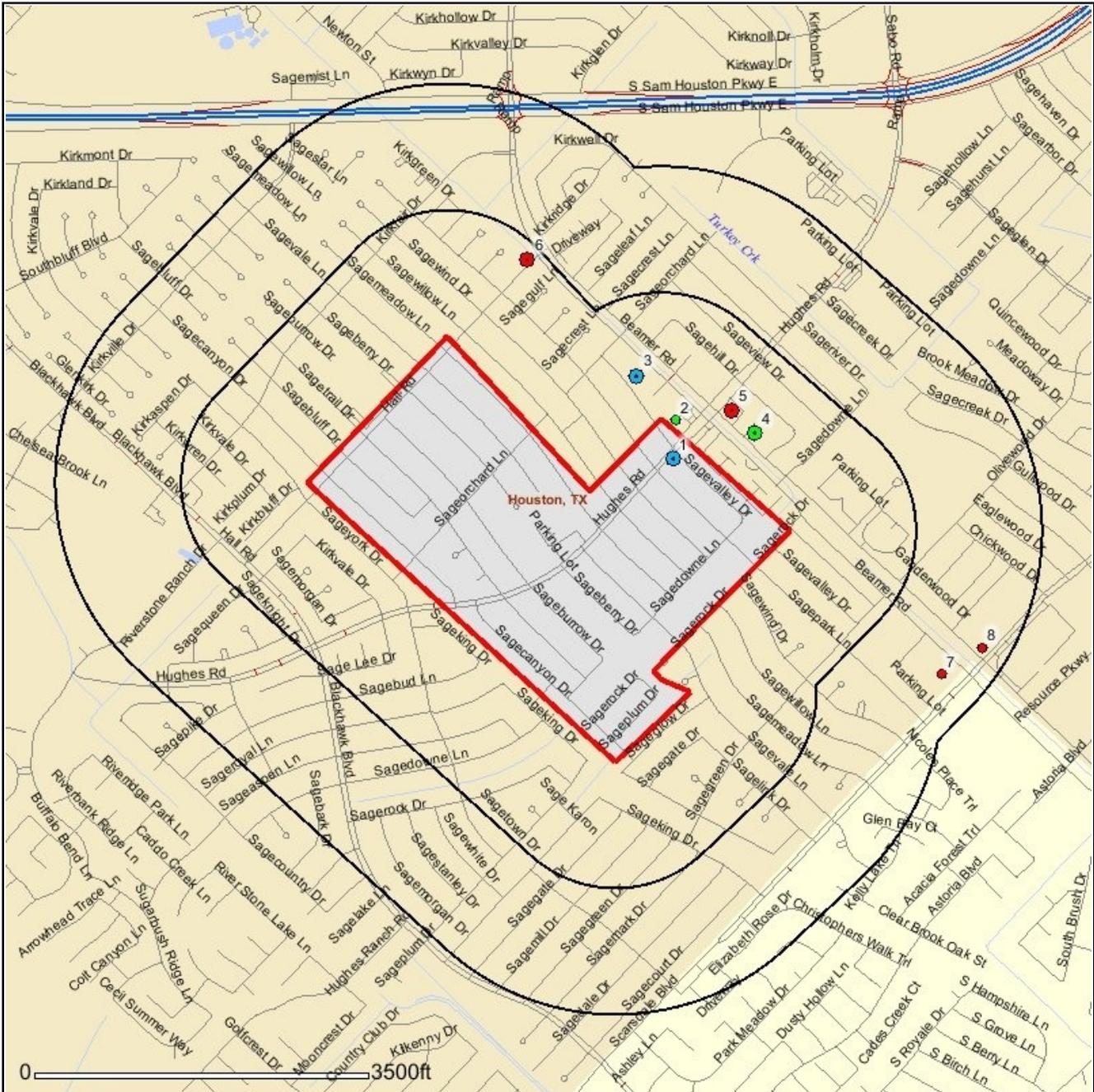
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
ERNS, IHW, RCRA, DRYC, AIRS			

Limited Access Hwy	Railroad
Primary Highway	County
Secondary Highway	State
Roads	Urban Area
Ramps	Water Bodies

One inch = 0.25 miles

Banks Environmental Data
 1601 Rio Grande St., Suite 500
 Austin, Texas 78701
 PH 512-478-0059
 FAX 512-478-1433
 banks@banksinfo.com
 www.banksinfo.com
 Page 4



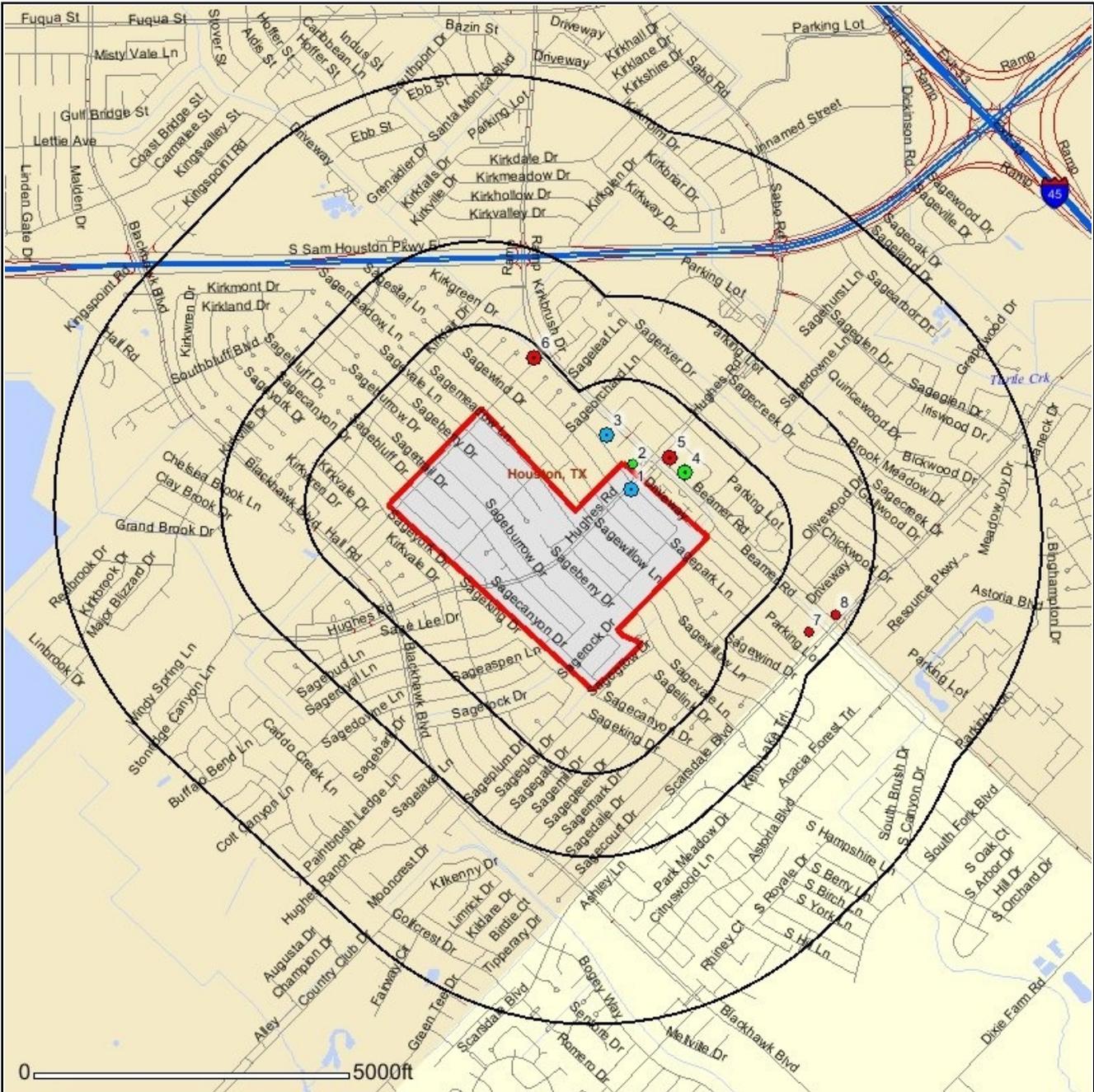


★ Target Site			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
ERNS, IHW, RCRA, DRYC, AIRS			

~ Limited Access Hwy	⋈ Railroad
~ Primary Highway	□ County
~ Secondary Highway	□ State
~ Roads	□ Urban Area
~ Ramps	□ Water Bodies

One inch = 0.33 miles

Banks Environmental Data
 1601 Rio Grande St., Suite 500
 Austin, Texas 78701
 PH 512-478-0059
 FAX 512-478-1433
 banks@banksinfo.com
 www.banksinfo.com
 Page 5

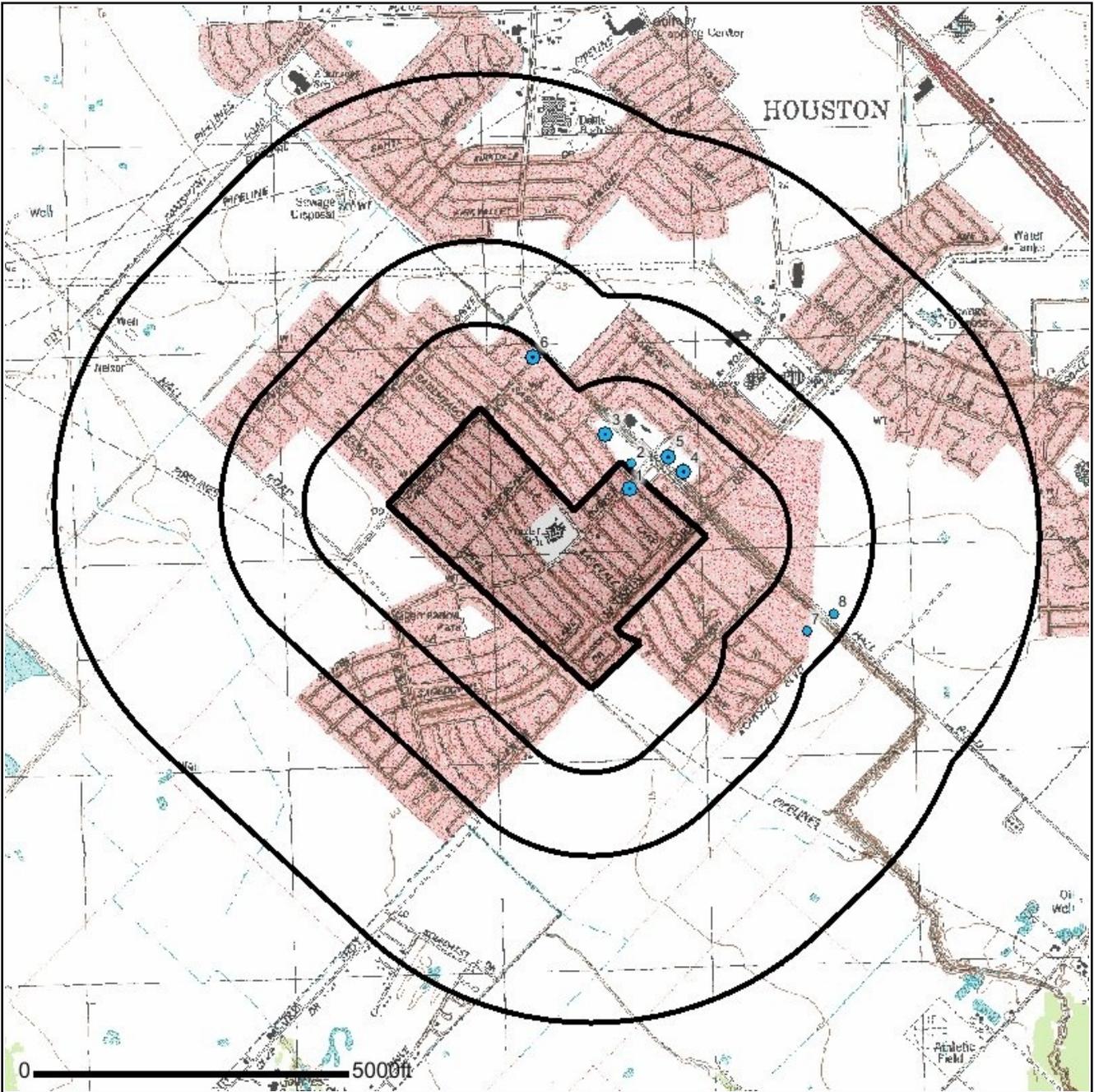


★ Target Site			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER			
● Single Site	● Cluster Site	■ Large Tract	■ Cluster Site with Large Tract
ERNS, IHW, RCRA, DRYC, AIRS			

~ Limited Access Hwy	⋈ Railroad
~ Primary Highway	□ County
~ Secondary Highway	□ State
~ Roads	□ Urban Area
~ Ramps	□ Water Bodies

One inch = 0.51 miles

Banks Environmental Data
 1601 Rio Grande St., Suite 500
 Austin, Texas 78701
 PH 512-478-0059
 FAX 512-478-1433
 banks@banksinfo.com
 www.banksinfo.com
 Page 6



0 5000ft

One inch = 0.51 miles

Friendswood (1982)

- ★ Subject Site
- Site
- Cluster
- Large Tract
- Cluster Site with Large Tract
- Existing Road
- State Line
- County Line
- Unimproved Road

Banks Environmental Data

1601 Rio Grande St., Suite 500
Austin, Texas 78701
PH 512-478-0059
FAX 512-478-1433
banks@banksinfo.com
www.banksinfo.com
Page 7





0 — 3600' —

One inch = 0.33 miles

- | | |
|---------------------------------|--------------------|
| ★ Subject Site | Primary Highway |
| ● Site | State Line |
| ○ Cluster | County Line |
| ■ Large Tract | Roads & Ramps |
| ■ Cluster Site with Large Tract | Railroad |
| | Limited Access Hwy |

Banks Environmental Data

1601 Rio Grande St., Suite 500
Austin, Texas 78701
PH 512-478-0059
FAX 512-478-1433
banks@banksinfo.com
www.banksinfo.com
Page 8



Hughes Road



One inch = 0.33 miles

-  Subject Site
-  Site
-  Cluster
-  Large Tract
-  Cluster Site with Large Tract
-  Primary Highway
-  State Line
-  County Line
-  Roads & Ramps
-  Railroad
-  Limited Access Hwy

Banks Environmental Data
 1601 Rio Grande St., Suite 500
 Austin, Texas 78701
 PH 512-478-0059
 FAX 512-478-1433
 banks@banksinfo.com
 www.banksinfo.com
 Page 9



Coordinates

Longitude & Latitude in Degrees Minutes Seconds	NA
Longitude & Latitude in Decimal Degrees	NA
X and Y in UTM	NA

Elevation

NA

Zip Codes Searched

Search Distance	Zip Codes
0.25 miles	77089
0.5 miles	77089
1 miles	77075, 77089, 77581

Soil Types Found

Target Property	LcA, Lu
Within 0.25 miles of Target Property	Bd, LcA, Lu

Soil Type Descriptions

Bd - Bernard clay loam

Hydric Status Some components are hydric and some components are not hydric.

Minimum Depth to Bedrock

Bernard (90 percent)

Hydrologic Group	High ruoff potential
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	clay loam	0 cm	15 cm	A-6, A-7	CL
H2	clay	15 cm	86 cm	A-7-6	CH, CL
H3	clay	86 cm	165 cm	A-7-6	CH, CL

Unnamed, hydric minor components (10 percent)

LcA - Lake Charles clay, 0 to 1 percent slopes

Hydric Status All components are not hydric and no components are unranked.

Minimum Depth to Bedrock

Lake charles (90 percent)

Hydrologic Group	High ruoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	clay	0 cm	25 cm	A-7-6	CH
H2	clay	25 cm	56 cm	A-7-6	CH
H3	clay	56 cm	188 cm	A-7-6	CH
H4	clay	188 cm	203 cm	A-7-6	CH

Unnamed, minor components (10 percent)

Lu - Lake Charles-Urban land complex

Hydric Status All components are not hydric and no components are unranked.

Minimum Depth to Bedrock

Lake charles (50 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	clay	0 cm	25 cm	A-7-6	CH
H2	clay	25 cm	56 cm	A-7-6	CH
H3	clay	56 cm	188 cm	A-7-6	CH
H4	clay	188 cm	203 cm	A-7-6	CH

Urban land (35 percent)

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	variable	0 cm	102 cm		

Unnamed, minor components (15 percent)

AASHTO Classification Definitions

A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), some fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing No. 200 sieve), fine sand
A-4	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-5	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-7, A-7-5, A-7-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-8	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils

Unified Classification Definitions

CH	Fine-grained soils, silts and clays (liquid limit is 50% or more), Fat Clay
CL, CL-A (proposed), CL-K (proposed), CL-ML, CL-O (proposed), CL-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Lean Clay
GC, GC-GM	Coarse-grained soils, Gravels, gravel with fines, Clayey Gravel
GM	Coarse-grained soils, Gravels, gravel with fines, Silty Gravel
GP, GP-GC, GP-GM	Coarse-grained soils, Gravels, clean gravels, Poorly Graded Gravel
GW, GW-GC, GW-GM	Coarse-grained soils, Gravels, clean gravels, Well-Graded Gravel
MH, MH-A, MH-K, MH-O, MH-T	Fine-grained soils, silts and clays (liquid limit is 50% or more), Elastic Silt
ML, ML-A (proposed), ML-K (proposed), ML-O (proposed), ML-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Silt
OH, OH-T (proposed)	Fine-grained soils, silts and clays (liquid limit is 50% or more), Organic Clay or Organic Silt
OL	Fine-grained soils, silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt
PT	Highly organic soils, Peat
SC, SC-SM	Coarse-grained soils, Sands, sands with fines, Clayey Sand
SM	Coarse-grained soils, Sands, sands with fines, Silty Sand
SP, SP-SC, SP-SM	Coarse-grained soils, Sands, clean sands, Poorly Graded Sand
SW, SW-SC, SW-SM	Coarse-grained soils, Sands, clean sands, Well-Graded Sand

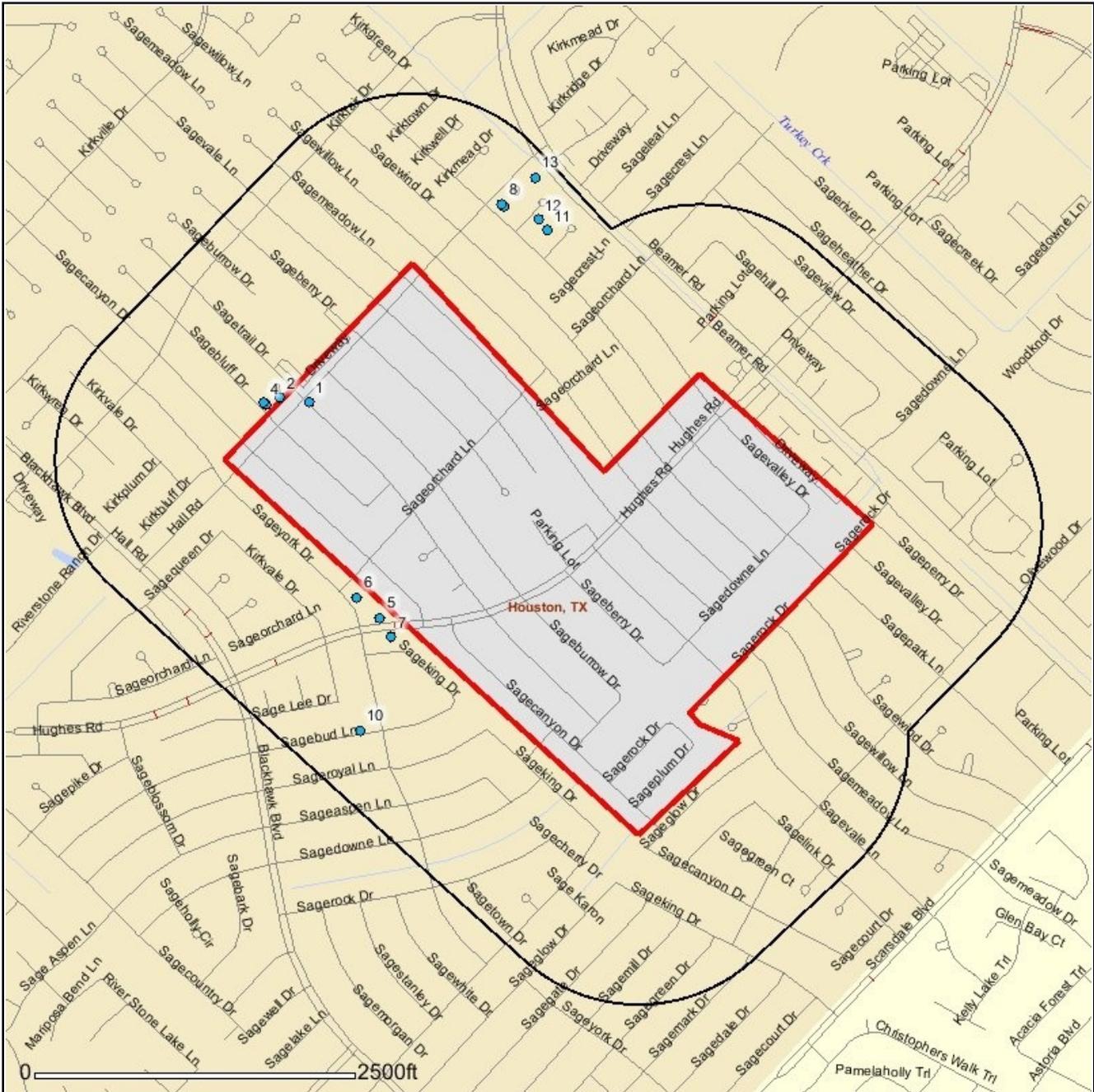
Source



Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) Database.

Disclaimer

This SSURGO Soils Survey from Banks Environmental Data, Inc. has searched Natural Resources Conservation Service (NRCS) Soil Survey Geographic (SSURGO) Database. All soil data presented on the map and in the details section are based on information obtained from NRCS. Although Banks performs quality assurance and quality control on all data, inaccuracies of the data and mapped locations could possibly be traced to the source. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the SSURGO database maintained by NRCS.



- ★ Target Site
- Single Water Well ● Water Well Cluster
- Single Oil/Gas/Other Well ● Oil/Gas/Other Well Cluster
- Water Well/Oil/Gas/Other Well Cluster Site

- ~ Limited Access Hwy + Railroad
- ~ Primary Highway □ County
- ~ Secondary Highway □ State
- ~ Roads □ Urban Area
- ~ Ramps □ Water Bodies

One inch = 0.25 miles

Banks Environmental Data
1601 Rio Grande St., Suite 500
Austin, Texas 78701
PH 512-478-0059
FAX 512-478-1433
banks@banksinfo.com
www.banksinfo.com
Page 14



Map ID	Well ID	Owner	Well Type	Elevation
1	HGSD1570	Regional Water Advisory Comm.	Water: Public Supply	37 ft
2	G1010386B	SAGEMEADOW UTILITY DISTRICT	Water: Public Supply	37 ft
3	USGS-293528095140301	USGS	Water: Not Reported	38 ft
4	65-31-113	Sagemeadow UD	Water: Public Supply	38 ft
5	G1010386A	SAGEMEADOW UTILITY DISTRICT	Water: Public Supply	37 ft
6	65-31-110	Sagemeadow MUD	Water: Public Supply	37 ft
7	HGSD1569	Regional Water Advisory Comm.	Water: Public Supply	37 ft
8	65-31-109	City of Houston Sagemont	Water: Public Supply	32 ft
9	USGS-293543095134201	USGS	Water: Not Reported	33 ft
10	USGS-293503095135501	USGS	Water: Not Reported	38 ft
11	HGSD1094	Houston, City of	Water: Public Supply	32 ft
12	G1010013EZ	CITY OF HOUSTON	Water: Public Supply	33 ft
13	HGSD5489	AINSWORTH, WALTER B.	Water: Public Supply	31 ft

Source

U.S. Geological Survey, Texas Water Development Board (GW and Submitted Driller's Report), Texas Commission of Environmental Quality (PWS), Railroad Commission of Texas (Production Data)

Disclaimer

This well scan from Banks Environmental Data, Inc. has included a digital search of state and federal wells currently digitized in our geospatial database. Since this scan includes only well data that is currently mapped in our geospatial database, more wells could exist within the search area. For a complete well search or to locate more details, please contact Banks to obtain a full Water Well Report or Oil & Gas Well/Pipeline Search Report. More detailed individual well records can also be obtained from Banks for an additional cost, please reference a well ID # from this well scan.

All well locations are based on information obtained from state and federal sources. Although Banks performs quality assurance and quality control on all data, inaccuracies of the records and mapped locations could possibly be traced to the specific regulatory authority or individual well driller. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the data or well location(s) of the maps and records maintained by the state and federal agencies.

Database	Distance from Target Property	Map ID	Facility Site Name	Facility Site Address	Site Details Page #
----------	-------------------------------	--------	--------------------	-----------------------	---------------------

*Sites are sorted by database tier, database, and distance from the target site.

RCRA GEN	Target Property	1	BELL CLEANERS	10806 HUGHES RD, HOUSTON, TX 77089	17
LPST	0.1 miles NE	5	SHELL OIL	10840 HUGHES RD, HOUSTON, TX 77089	19
LPST	0.1 miles NE	5	MOBIL 12AJ4	10840 HUGHES RD, HOUSTON, TX 77089	23
LPST	0.22 miles NE	6	DIAMOND SHAMROCK STOP N GO 2522	11435 HALL RD, HOUSTON, TX 77089	27
LPST	0.22 miles NE	6	STOP N GO STORE 3585	11435 HALL RD, HOUSTON, TX 77089	33
LPST	0.41 miles SE	7	CHEVRON 60158761	10855 SCARSDALE 10855 SCARDALE, HOUSTON, TX 77089	39
LPST	0.44 miles SE	8	TEXACO SS	10999 SCARSDALE RD, HOUSTON, TX 77089	44
PST	0.1 miles NW	3	HANDI STOP 83	12050 BEAMER RD, HOUSTON, TX 77089	48
PST	0.1 miles NE	5	HUGHES ROAD SHELL	10840 HUGHES RD, HOUSTON, TX 77089	51
PST	0.22 miles NE	6	FRIENDLY MART	11435 HALL RD, HOUSTON, TX 77089	55
VCP	0.1 miles NW	3	Handi Stop #83 (Phillips 66)	12050 Beamer Road, Houston, TX 77089	60
RCRA	0.1 miles NE	4	SOUTHBELT TIRE & AUTO	12121 BEAMER RD, HOUSTON, TX 77089	61
RCRA	0.1 miles NE	5	MOBIL OIL CORPORATION	10840 HUGHES RD, HOUSTON, TX 77089	63
DRYC	Target Property	1	BELL CLEANER AND ALTERATION	10806 HUGHES RD, HOUSTON, TX 77089	65
DRYC	0.02 miles NE	2	STAR CLEANERS	10835 HUGHES RD, HOUSTON, TX 77089	66
IHW	0.1 miles NE	4	Southbelt Tire & Auto	12121 Beamer Rd, Houston, TX 77089	67
IHW	0.1 miles NE	5	Mobil Oil 12-AJ4	10840 Hughes Rd, Houston, TX 77089	68

End of Mapped Sites Summary Section



RCRA GEN - RCRA Generators

Map ID #1 **Source: EPA**

EPA Handler ID: TXR000071704

Handler Sequence Number: 1

Banks ID: TXR000071704

BELL CLEANERS
10806 HUGHES RD, HOUSTON, TX 77089
Contact:

Rel. Loc.: Target Property
Elevation: 34 feet (+34)

Owner Name:	
Number of Owners:	0
Operator Name:	
Number of Operators:	0
Mailing Address:	10806 HUGHES RD, HOUSTON, TX 77089
Contact Name:	
Contact Address:	
Contact Phone:	
Contact Email Address:	
Government Performance and Results Act (GPRA) Permit:	The facility does not exist on the Operating/Post-Closure Permit Baseline.
Government Performance and Results Act (GPRA) Corrective Action:	No

Workload Legend: L=Land Disposal I=Incineration B=Boiler/Industrial Furnace S=Storage T=Treatment

Permit Workload:	----
Closure Workload:	----
Post-Closure Workload:	----
Subject to Corrective Action:	No
Subject to Corrective Action 3004:	No
Subject to Corrective Action Non-TSDF:	No
Corrective Action Workload:	No
Generator Status:	Conditionally Exempt Small Quantity Generator
Nuclear Mixed Waste Handler:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
NAIC Description 1:	
NAIC Description 2:	
NAIC Description 3:	
NAIC Description 4:	
Federal Generator Class:	Conditionally Exempt Small Quantity Generator
State Generator Class:	
Environmental Controls in Place:	No
Institutional Controls in Place:	No
Groundwater Controls in Place:	No
Significant Non-Compliance:	No
Unaddressed Significant Non-Complier:	No
Addressed Significant Non-Complier:	No
Significant Non-Complier with Compliance Schedule:	No

Enforcement Description	Responsible Enforcement Agency	Enforcement Date	Penalty Description
-------------------------	--------------------------------	------------------	---------------------



Mapped Sites Details

Hughes Road

Continued from Previous Page

Evaluation Description		Responsible Agency	Evaluation Date	Violation Found
Violation Description	Violation Determined By	Violation Date	Actual Resolution Date	Scheduled Resolution Date

End of RCRA GEN Sites Section

LPST - State/Tribal Leaking Storage Tank

Map ID #5	Source: TCEQ	
LPST ID: 112521	Facility ID: 0017642	Banks ID: 112521
SHELL OIL		Rel. Loc.: 0.1 miles NE
10840 HUGHES RD, HOUSTON, TX 77089		Elevation: 36 feet (+36)
Contact: JOLENE FERGUSON		
Status:	Final concurrence issued, case close	
Leak Discovery Date:	6/19/1998	
Leak Discovery Method:		
Leak Cause:		
Damage Description:	no gw impacted, no apparent threats or impacts to receptors	
Leak Closure Date:		
Priority Score:		
Owner Name:	TJHP INC	
Owner Phone:		
Contact Name:	MICHAEL PERLMAN	
Contact Phone:	281-479-8266	
Comments:		
Leak Substance		
Diesel:		
Gasoline:		
Jet Fuel:		
Kerosene:		
New Oil:		
Used Oil:		
Unknown:		
CERCLA Substance:		
Tank #1		
Status:	In Use	
Status Date:		
Capacity:	10000	
Comments:		
Install Date:	1/1/1979	
Last Used Date:		
Closure Certification Date:		
Removed:		
Gallons Remaining:		
Above or Below Ground Tank:	below	
Assessment Date:		
Assessment Leak Check:		
Tank Contents are Hazardous:	No	
Tank Count:		
Unit ID:		
Construction Type:		
Construction Material:	FRP (fiberglass-reinforced plastic)	

Continued from Previous Page

Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	8000
Comments:	
Install Date:	1/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	
Capacity:	1000

Continued from Previous Page

Comments:	
Install Date:	
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	In Use
Status Date:	
Capacity:	8000
Comments:	
Install Date:	6/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3A	
Status:	Removed from Ground
Status Date:	11/12/1996
Capacity:	550
Comments:	
Install Date:	6/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

Map ID #5	Source: TCEQ
LPST ID: 091323	Facility ID: 0017642
Banks ID: 091323	
MOBIL 12AJ4	Rel. Loc.: 0.1 miles NE
10840 HUGHES RD, HOUSTON, TX 77089	Elevation: 36 feet (+36)
Contact: F BRUCE MORLOCK	
Status:	Final concurrence issued, case close
Leak Discovery Date:	5/28/1987
Leak Discovery Method:	
Leak Cause:	
Damage Description:	gw impacted, no apparent threats or impacts to receptors
Leak Closure Date:	
Priority Score:	
Owner Name:	TJHP INC
Owner Phone:	
Contact Name:	MICHAEL PERLMAN
Contact Phone:	281-479-8266
Comments:	
Leak Substance	
Diesel:	
Gasoline:	
Jet Fuel:	
Kerosene:	
New Oil:	
Used Oil:	
Unknown:	
CERCLA Substance:	
Tank #1	
Status:	In Use
Status Date:	
Capacity:	10000
Comments:	
Install Date:	1/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	8000
Comments:	
Install Date:	1/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	6/1/1979
Capacity:	1000
Comments:	
Install Date:	

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	In Use
Status Date:	
Capacity:	8000
Comments:	
Install Date:	6/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	

Continued from Previous Page

Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3A	
Status:	Removed from Ground
Status Date:	11/12/1996
Capacity:	550
Comments:	
Install Date:	6/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

Map ID #6	Source: TCEQ
LPST ID: 114513	Facility ID: 0035219
Banks ID: 114513	
DIAMOND SHAMROCK STOP N GO 2522	Rel. Loc.: 0.22 miles NE
11435 HALL RD, HOUSTON, TX 77089	Elevation: 30 feet (+30)
Contact: MACK N BRICE	
Status:	Final concurrence issued, case close
Leak Discovery Date:	3/12/1999
Leak Discovery Method:	
Leak Cause:	
Damage Description:	gw impacted, no apparent threats or impacts to receptors
Leak Closure Date:	
Priority Score:	
Owner Name:	MUFADDAL VENTURES INC
Owner Phone:	
Contact Name:	ARIEF DARUGAR
Contact Phone:	281-481-3711
Comments:	
Leak Substance	
Diesel:	
Gasoline:	
Jet Fuel:	
Kerosene:	
New Oil:	
Used Oil:	
Unknown:	
CERCLA Substance:	
Tank #1	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #1	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	2/20/2000
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	flex-act
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #1A	
Status:	Removed from Ground
Status Date:	7/2/1999
Capacity:	10000
Comments:	
Install Date:	6/1/1991

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	

Continued from Previous Page

Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	2/20/2000
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	flex-apt
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2A	
Status:	Removed from Ground
Status Date:	7/2/1999
Capacity:	10000
Comments:	
Install Date:	6/1/1991
Last Used Date:	
Closure Certification Date:	

Continued from Previous Page

Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	
Tank Contents:	Gasoline

Continued from Previous Page

Other Tank Contents Description:

Tank Contents Mixture Information:

Tank Release Detection:

Automatic Tank Gauge:

Inventory Control:

Pressure Testing:

Map ID #6	Source: TCEQ
LPST ID: 099157	Facility ID: 0035219
Banks ID: 099157	
STOP N GO STORE 3585 11435 HALL RD, HOUSTON, TX 77089 Contact: JOHN WILLRODT	Rel. Loc.: 0.22 miles NE Elevation: 30 feet (+30)
Status:	Final concurrence issued, case close
Leak Discovery Date:	5/16/1991
Leak Discovery Method:	
Leak Cause:	
Damage Description:	soil contamination only, requires full site assessment & rap
Leak Closure Date:	
Priority Score:	
Owner Name:	MUFADDAL VENTURES INC
Owner Phone:	
Contact Name:	ARIEF DARUGAR
Contact Phone:	281-481-3711
Comments:	
Leak Substance	
Diesel:	
Gasoline:	
Jet Fuel:	
Kerosene:	
New Oil:	
Used Oil:	
Unknown:	
CERCLA Substance:	
Tank #1	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #1	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	2/20/2000
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	flex-act
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #1A	
Status:	Removed from Ground
Status Date:	7/2/1999
Capacity:	10000
Comments:	
Install Date:	6/1/1991

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	

Continued from Previous Page

Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	2/20/2000
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	flex-apt
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2A	
Status:	Removed from Ground
Status Date:	7/2/1999
Capacity:	10000
Comments:	
Install Date:	6/1/1991
Last Used Date:	
Closure Certification Date:	

Continued from Previous Page

Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	
Tank Contents:	Gasoline

Continued from Previous Page

Other Tank Contents Description:

Tank Contents Mixture Information:

Tank Release Detection:

Automatic Tank Gauge:

Inventory Control:

Pressure Testing:

Map ID #7	Source: TCEQ
LPST ID: 110565	Facility ID: 0029174
Banks ID: 110565	
CHEVRON 60158761	Rel. Loc.: 0.41 miles SE
10855 SCARSDALE 10855 SCARDALE, HOUSTON, TX 77089	Elevation: 37 feet (+37)
Contact: JEFFREY DOWNING	
Status:	Final concurrence issued, case close
Leak Discovery Date:	2/21/1996
Leak Discovery Method:	
Leak Cause:	
Damage Description:	gw impacted, no apparent threats or impacts to receptors
Leak Closure Date:	
Priority Score:	
Owner Name:	JACKS GROCERY INC
Owner Phone:	
Contact Name:	PETER SINGH
Contact Phone:	281-464-3579
Comments:	
Leak Substance	
Diesel:	
Gasoline:	
Jet Fuel:	
Kerosene:	
New Oil:	
Used Oil:	
Unknown:	
CERCLA Substance:	
Tank #1	
Status:	Removed from Ground
Status Date:	3/10/2003
Capacity:	11627
Comments:	
Install Date:	1/1/1982
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	Removed from Ground
Status Date:	3/10/2003
Capacity:	11627
Comments:	
Install Date:	1/1/1982
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	3/10/2003
Capacity:	11627
Comments:	
Install Date:	1/1/1982

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #4	
Status:	Removed from Ground
Status Date:	3/10/2003
Capacity:	11627
Comments:	
Install Date:	1/1/1982
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	

Continued from Previous Page

Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #5	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	5/26/2005
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Nonmetallic Flexible Piping
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #6	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	5/26/2005
Last Used Date:	
Closure Certification Date:	

Continued from Previous Page

Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Nonmetallic Flexible Piping
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

Map ID #8	Source: TCEQ
LPST ID: 091172	Facility ID: 0023129
Banks ID: 091172	
TEXACO SS	Rel. Loc.: 0.44 miles SE
10999 SCARSDALE RD, HOUSTON, TX 77089	Elevation: 37 feet (+37)
Contact: KYLE LANDRENEAU	
Status:	Final concurrence issued, case close
Leak Discovery Date:	12/2/1986
Leak Discovery Method:	
Leak Cause:	
Damage Description:	gw impacted, no apparent threats or impacts to receptors
Leak Closure Date:	
Priority Score:	
Owner Name:	ADICO ENTERPRISES INC
Owner Phone:	
Contact Name:	MUSA A ADI
Contact Phone:	832-794-3665
Comments:	
Leak Substance	
Diesel:	
Gasoline:	
Jet Fuel:	
Kerosene:	
New Oil:	
Used Oil:	
Unknown:	
CERCLA Substance:	
Tank #1	
Status:	In Use
Status Date:	
Capacity:	10000
Comments:	
Install Date:	1/1/1984
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Monthly Piping Tightness Test(@ 0.2 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	10000
Comments:	
Install Date:	1/1/1984
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Monthly Piping Tightness Test(@ 0.2 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	In Use
Status Date:	
Capacity:	10000
Comments:	
Install Date:	1/1/1984

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Monthly Piping Tightness Test(@ 0.2 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #4	
Status:	In Use
Status Date:	
Capacity:	10000
Comments:	
Install Date:	1/1/1984
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	

Continued from Previous Page

Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Monthly Piping Tightness Test(@ 0.2 gph)
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

End of LPST Sites Section

PST - State/Tribal Storage Tank

Map ID #3	Source: TCEQ	
Facility #: 0035233	TCEQ Customer ID: 060742	Banks ID: 0035233
HANDI STOP 83 12050 BEAMER RD, HOUSTON, TX 77089 Contact: DANNY DHANANI	Rel. Loc.: 0.1 miles NW Elevation: 32 feet (+32)	
Owner Name:	TRISTAR CONVENIENCE STORES INC	
Owner Phone:		
Contact Name:	DANNY DHANANI	
Contact Phone:	713-776-1515	
Number of ASTs:	0000	
Number of USTs:	0003	
Total Number of Tanks:		
Tank #1		
Status:	In Use	
Status Date:		
Capacity:	12000	
Comments:		
Install Date:	1/1/1981	
Last Used Date:		
Closure Certification Date:		
Removed:		
Gallons Remaining:		
Above or Below Ground Tank:	below	
Assessment Date:		
Assessment Leak Check:		
Tank Contents are Hazardous:	No	
Tank Count:		
Unit ID:		
Construction Type:		
Construction Material:	Composite (steel w/external FRP cladding)	
Other Construction Material Description:		
Construction Material Repair Date:		
Piping Material:	FRP (fiberglass-reinforced plastic)	
Other Piping Material Description:		
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl	
Tank Contents:	Gasoline	
Other Tank Contents Description:		
Tank Contents Mixture Information:		
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)	
Automatic Tank Gauge:		
Inventory Control:		
Pressure Testing:		
Tank #2		
Status:	In Use	

Continued from Previous Page

Status Date:	
Capacity:	12000
Comments:	
Install Date:	1/1/1981
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	1/1/1981
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)

Continued from Previous Page

Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), SIR (Stat. Inventory Reconciliation) & Inventory Cntrl
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

Map ID #5	Source: TCEQ
Facility #: 0017642	TCEQ Customer ID: 044946
Banks ID: 0017642	
HUGHES ROAD SHELL 10840 HUGHES RD, HOUSTON, TX 77089 Contact: MICHAEL PERLMAN	Rel. Loc.: 0.1 miles NE Elevation: 36 feet (+36)
Owner Name:	TJHP INC
Owner Phone:	
Contact Name:	MICHAEL PERLMAN
Contact Phone:	281-479-8266
Number of ASTs:	0000
Number of USTs:	0005
Total Number of Tanks:	
Tank #1	
Status:	In Use
Status Date:	
Capacity:	10000
Comments:	
Install Date:	1/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	8000

Continued from Previous Page

Comments:	
Install Date:	1/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	6/1/1979
Capacity:	1000
Comments:	
Install Date:	
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	In Use
Status Date:	
Capacity:	8000
Comments:	
Install Date:	6/1/1979
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Annual Piping Tightness Test (@0.1 gph), Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3A	
Status:	Removed from Ground
Status Date:	11/12/1996
Capacity:	550
Comments:	
Install Date:	6/1/1979

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	
Tank Contents:	Used Oil
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

Map ID #6		Source: TCEQ
Facility #: 0035219	TCEQ Customer ID: 060731	Banks ID: 0035219
FRIENDLY MART 11435 HALL RD, HOUSTON, TX 77089 Contact: ARIF DARUGAR		Rel. Loc.: 0.22 miles NE Elevation: 30 feet (+30)
Owner Name:	MUFADDAL VENTURES INC	
Owner Phone:		
Contact Name:	ARIEF DARUGAR	
Contact Phone:	281-481-3711	
Number of ASTs:	0000	
Number of USTs:	0007	
Total Number of Tanks:		
Tank #1		
Status:	Removed from Ground	
Status Date:	6/30/1991	
Capacity:	10000	
Comments:		
Install Date:	1/1/1976	
Last Used Date:		
Closure Certification Date:		
Removed:		
Gallons Remaining:		
Above or Below Ground Tank:	below	
Assessment Date:		
Assessment Leak Check:		
Tank Contents are Hazardous:	No	
Tank Count:		
Unit ID:		
Construction Type:		
Construction Material:	Steel	
Other Construction Material Description:		
Construction Material Repair Date:		
Piping Material:	Steel	
Other Piping Material Description:		
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring	
Tank Contents:	Gasoline	
Other Tank Contents Description:		
Tank Contents Mixture Information:		
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring	
Automatic Tank Gauge:		
Inventory Control:		
Pressure Testing:		
Tank #1		
Status:	In Use	
Status Date:		
Capacity:	12000	

Continued from Previous Page

Comments:	
Install Date:	2/20/2000
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	flex-act
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #1A	
Status:	Removed from Ground
Status Date:	7/2/1999
Capacity:	10000
Comments:	
Install Date:	6/1/1991
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	

Continued from Previous Page

Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2	
Status:	In Use
Status Date:	
Capacity:	12000
Comments:	
Install Date:	2/20/2000

Continued from Previous Page

Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Composite (steel w/external FRP cladding)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	flex-apt
Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping), Annual Piping Tightness Test (@0.1 gph), Groundwater Monitoring
Tank Contents:	Diesel
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	Automatic Tank Gauge Test & Inventory Cntrl, Groundwater Monitoring
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #2A	
Status:	Removed from Ground
Status Date:	7/2/1999
Capacity:	10000
Comments:	
Install Date:	6/1/1991
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	FRP (fiberglass-reinforced plastic)
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	FRP (fiberglass-reinforced plastic)
Other Piping Material Description:	

Continued from Previous Page

Piping Release Detection:	Auto. Line Leak Detector (3.0gph for pressure piping)
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	SIR (Stat. Inventory Reconciliation) & Inventory Cntrl, Weekly Manual Tank Gauging(tanks <=1000 gal)
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	
Tank #3	
Status:	Removed from Ground
Status Date:	6/30/1991
Capacity:	10000
Comments:	
Install Date:	1/1/1976
Last Used Date:	
Closure Certification Date:	
Removed:	
Gallons Remaining:	
Above or Below Ground Tank:	below
Assessment Date:	
Assessment Leak Check:	
Tank Contents are Hazardous:	No
Tank Count:	
Unit ID:	
Construction Type:	
Construction Material:	Steel
Other Construction Material Description:	
Construction Material Repair Date:	
Piping Material:	Steel
Other Piping Material Description:	
Piping Release Detection:	
Tank Contents:	Gasoline
Other Tank Contents Description:	
Tank Contents Mixture Information:	
Tank Release Detection:	
Automatic Tank Gauge:	
Inventory Control:	
Pressure Testing:	

End of PST Sites Section

VCP - State/Tribal Voluntary Cleanup

Map ID #3		Source: TCEQ
IOP ID: 512	VCP ID: NA	Banks ID: IOP_000512
Handi Stop #83 (Phillips 66) 12050 Beamer Road, Houston, TX 77089 Contact:		Rel. Loc.: 0.1 miles NW Elevation: 32 feet (+32)
Status:	Withdrawal	
Receive Date:	9/22/2005	
Project Completion Date:		
Completion Date - Certificate Issued:		
Covenant Not to Sue:		
Facility Type:	Gas Station/Food Mart	
Acres:	0.523	
Applicant:	Knollwood Investment Limited	
Institutional Controls:		
Site Contamination Information:	VOCs	
Media Affected:	Groundwater	
Owner Name:		
Owner Phone:		
Additional Information:		

End of VCP Sites Section



Mapped Sites Details

Hughes Road

RCRA - RCRA

Map ID #4 **Source: EPA**

EPA Handler ID: TXD982548448 **Handler Sequence Number: 3** **Banks ID: TXD982548448**

SOUTHBELT TIRE & AUTO Rel. Loc.: 0.1 miles NE
 12121 BEAMER RD, HOUSTON, TX 77089 Elevation: 36 feet (+36)
 Contact: CHARLES GILMER

Owner Name:
Number of Owners: 0
Operator Name:
Number of Operators: 0
Mailing Address: 12121 BEAMER RD, HOUSTON, TX 77089
Contact Name: CHARLES GILMER
Contact Address: 12121 BEAMER RD, HOUSTON, TX 77089
Contact Phone: 713-484-5556
Contact Email Address:
Government Performance and Results Act (GPRA) Permit: The facility does not exist on the Operating/Post-Closure Permit Baseline.
Government Performance and Results Act (GPRA) Corrective Action: No

Workload Legend: L=Land Disposal I=Incineration B=Boiler/Industrial Furnace S=Storage T=Treatment

Permit Workload: -----
Closure Workload: -----
Post-Closure Workload: -----
Subject to Corrective Action: No
Subject to Corrective Action 3004: No
Subject to Corrective Action Non-TSDF: No
Corrective Action Workload: No
Generator Status: Not a Generator
Nuclear Mixed Waste Handler: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
NAIC Description 1:
NAIC Description 2:
NAIC Description 3:
NAIC Description 4:
Federal Generator Class: Not a Generator, Verified
State Generator Class:
Environmental Controls in Place: No
Institutional Controls in Place: No
Groundwater Controls in Place: No
Significant Non-Compliance: No
Unaddressed Significant Non-Complier: No
Addressed Significant Non-Complier: No
Significant Non-Complier with Compliance Schedule: No

Enforcement Description	Responsible Enforcement Agency	Enforcement Date	Penalty Description
-------------------------	--------------------------------	------------------	---------------------

Continued from Previous Page

Evaluation Description		Responsible Agency	Evaluation Date	Violation Found
Violation Description	Violation Determined By	Violation Date	Actual Resolution Date	Scheduled Resolution Date
Hazardous Waste Description				
DESCRIPTION				
IGNITABLE WASTE				



Mapped Sites Details

Hughes Road

Map ID #5		Source: EPA	
EPA Handler ID: TXD988039236		Handler Sequence Number: 3	
		Banks ID: TXD988039236	
MOBIL OIL CORPORATION		Rel. Loc.: 0.1 miles NE	
10840 HUGHES RD, HOUSTON, TX 77089		Elevation: 36 feet (+36)	
Contact: ROBIN A BUNN			
Owner Name:			
Number of Owners:		0	
Operator Name:			
Number of Operators:		0	
Mailing Address:		3225 GALLOWS RD, FAIRFAX, VA 22037	
Contact Name:		ROBIN A BUNN	
Contact Address:		3225 GALLOWS RD, FAIRFAX, VA 22037	
Contact Phone:		703-849-3330	
Contact Email Address:			
Government Performance and Results Act (GPRA) Permit:		The facility does not exist on the Operating/Post-Closure Permit Baseline.	
Government Performance and Results Act (GPRA) Corrective Action:		No	
Workload Legend: L=Land Disposal I=Incineration B=Boiler/Industrial Furnace S=Storage T=Treatment			
Permit Workload:		-----	
Closure Workload:		-----	
Post-Closure Workload:		-----	
Subject to Corrective Action:		No	
Subject to Corrective Action 3004:		No	
Subject to Corrective Action Non-TSDF:		No	
Corrective Action Workload:		No	
Generator Status:		Not a Generator	
Nuclear Mixed Waste Handler:		No	
Onsite Burner Exemption:		No	
Furnace Exemption:		No	
Underground Injection Activity:		No	
NAIC Description 1:			
NAIC Description 2:			
NAIC Description 3:			
NAIC Description 4:			
Federal Generator Class:		Not a Generator, Verified	
State Generator Class:			
Environmental Controls in Place:		No	
Institutional Controls in Place:		No	
Groundwater Controls in Place:		No	
Significant Non-Compliance:		No	
Unaddressed Significant Non-Complier:		No	
Addressed Significant Non-Complier:		No	
Significant Non-Complier with Compliance Schedule:		No	
Enforcement Description		Responsible Enforcement Agency	Enforcement Date
Evaluation Description		Responsible Agency	Evaluation Date
			Violation Found

Continued from Previous Page

Violation Description	Violation Determined By	Violation Date	Actual Resolution Date	Scheduled Resolution Date
Hazardous Waste Description				
DESCRIPTION				
IGNITABLE WASTE				
LEAD				

End of RCRA Sites Section

DRYC - Dry Cleaners

Map ID #1		Source: TCEQ
Registration #: RN104989942	Secondary ID: NA	Banks ID: 104989942
BELL CLEANER AND ALTERATION		Rel. Loc.: Target Property
10806 HUGHES RD, HOUSTON, TX 77089		Elevation: 34 feet (+34)
Contact:		
Details #1		
Status:	INACTIVE	
Site Type:	DROP STATION REGISTRATION	
Site Start Date:		
Role:		
Owner:	MASOOMEH MORADESHKAFFTI	
Mailing Address:		
Mailing City:		
Mailing State:		
Mailing Zip:		
Additional Location Information:		
CN Number:	CN603055849	

Map ID #2		Source: TCEQ
Registration #: RN102292950	Site ID: 3000853	Banks ID: 102292950
STAR CLEANERS		Rel. Loc.: 0.02 miles NE
10835 HUGHES RD, HOUSTON, TX 77089		Elevation: 33 feet (+33)
Contact:		
Details #1		
Status:	ACTIVE	
Site Type:	FACILITY REGISTRATION	
Site Start Date:		
Role:		
Owner:	VIPE ZAK INC	
Mailing Address:	10835 HUGHES RD	
Mailing City:	HOUSTON	
Mailing State:	TX	
Mailing Zip:	77089	
Additional Location Information:		
CN Number:	CN602476202	

End of DRYC Sites Section

IHW - Industrial Hazardous Waste

Map ID #4		Source: TCEQ
Register #: 90227	EPA ID: TXD982548448	Banks ID: 90227
Southbelt Tire & Auto 12121 Beamer Rd, Houston, TX 77089 Contact: Charles Gilmer		Rel. Loc.: 0.1 miles NE Elevation: 36 feet (+36)
Status:	Inactive	
TCEQ ID:	033423	
Permit Number:		
Business Type:	Unknown	
Owner Name:	Southbelt Tire & Auto	
Owner Phone:	713-484-5556	
Company Name:		
Operator Address:		

Map ID #5		Source: TCEQ
Register #: 80479	EPA ID: TXD988039236	Banks ID: 80479
Mobil Oil 12-AJ4		Rel. Loc.: 0.1 miles NE
10840 Hughes Rd, Houston, TX 77089		Elevation: 36 feet (+36)
Contact: Robin A Bunn		
Status:	Inactive	
TCEQ ID:	035204	
Permit Number:		
Business Type:	Unknown	
Owner Name:	Mobil Oil Corporation	
Owner Phone:	703-849-3330	
Company Name:		
Operator Address:		

End of IHW Sites Section

Database	Source	Database Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
CER -- CERCLIS	EPA	CERCLIS sites come from the Comprehensive Environmental Response, Compensation, and Liability Act, a federal law designed to clean up abandoned hazardous waste sites. These sites are either proposed, listed or under review currently to be a part of the National Priority List.	Quarterly	02/03/2012	02/03/2012	02/05/2012	09/30/2011
CER NFRAP -- CERCLIS NFRAP	EPA	CERCLIS sites designated 'No Further Remedial Action Planned' NFRAP have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	Quarterly	02/03/2012	02/03/2012	02/05/2012	09/30/2011
DNPL -- Delisted National Priority List	EPA	DNPL is a list of all sites that have been deleted from the EPA NPL list. These sites are taken off the NPL list usually due to no further response or remedial action being required on them. Notices to delete NPL sites are published in the Federal Register and become effective unless the EPA receives significant adverse or critical comments during the 30-day public comment period.	Quarterly	02/03/2012	02/03/2012	02/05/2012	09/30/2011
DRYC -- Dry Cleaners	TCEQ	Dry Cleaner data houses both the DCRP Program information and PERC information released by the TCEQ. The DCRP database contains records funded for state-lead clean up of dry cleaner related contaminated sites. The DCRP administers the Dry Cleaning Facility Release Fund to assist with remediation of contamination caused by dry cleaning solvents. There are two listings from this program: LIST#1 - A historic listing of any facility that registered with the DCRP indicating whether or not the facility has used Perchloroethylene (PERC) in the past. LIST#2 - A Prioritization list of dry cleaner sites. Facilities on this list will be investigated in order to determine the existence and or extent of possible contamination. Facilities which are not current on their DCRP payments get dropped from the program. Banks Environmental Data DOES NOT REMOVE these listings from our database so that we may present a more complete historical listing of facilities that may or may not have used PERC in the past.	Quarterly	11/15/2011	11/15/2011	11/15/2011	11/07/2011
ERNS -- ERNS List	EPA/National Response Center	ERNS is a national database used to store information on unauthorized releases of oil and hazardous substances that have been reported to the National Response Center since 2001. The NRC is the sole federal point of contact for reporting oil and chemical spills. Prior to 2001 this information was maintained by the EPA.	Annually	01/10/2012	01/10/2012	01/10/2012	12/31/2011
FED BWN -- Federal Brownfields	EPA	A listing of sites that assist the EPA in collecting, tracking, and updating information of sites in relation to the Small Business Liability Relief and Brownfields Revitalization Act. These sites are real property that is either abandoned or underutilized where redevelopment or expansion is complicated by real or perceived environmental contamination.	Quarterly	11/15/2011	11/17/2011	11/17/2011	10/19/2011
FED EC -- Federal Engineering Control	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination. ECs are a type of Activity and Use Limitation (AUL).	Quarterly	11/15/2011	11/17/2011	11/17/2011	10/19/2011
FED IC -- Federal Institutional Control	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use. ICs are meant to supplement Engineering Controls and will rarely be the sole remedy at a site. ICs are a type of Activity and Use Limitation (AUL).	Quarterly	11/15/2011	11/17/2011	11/17/2011	10/19/2011
IHW -- Industrial Hazardous Waste	TCEQ	This database contains information on facilities which store, process, or dispose of hazardous waste as maintained by the Industrial and Hazardous Waste Permits section of the TCEQ.	Quarterly	01/23/2012	01/23/2012	01/23/2012	09/08/2011
LPST -- State/Tribal Leaking Storage Tank	TCEQ	This database contains information on leaking storage tanks, equipment failures, compliance, and releases in the state.	Quarterly	02/02/2012	02/02/2012	02/02/2012	01/03/2012
LPST -- State/Tribal Leaking Storage Tank	EPA	The Tribal LUST database (maintained by EPA Region 6) provides information on leaking underground storage tank on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	11/07/2011	11/14/2011	11/16/2011	11/14/2011
NPL -- National	EPA	NPL is the list of high priority hazardous waste sites in	Quarterly	02/03/2012	02/03/2012	02/05/2012	09/30/2011

Database	Source	Database Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
Priority List		the United States eligible for long-term remedial action financed under the federal Superfund program and CERCLIS. Also known as Superfund sites, the EPA will only add sites to the NPL list based upon completion of the Hazard Ranking System (HRS) screening, public solicitation of comments about the proposed site, and after all comments have been addressed.					
PST -- State/Tribal Storage Tank	TCEQ	This database contains information on above and underground storage tanks, compliance, and releases in the state.	Quarterly	02/01/2012	02/01/2012	02/01/2012	01/31/2012
PST -- State/Tribal Storage Tank	EPA	The Tribal UST database (maintained by EPA Region 6) provides underground storage tank information on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	11/07/2011	11/14/2011	11/16/2011	11/14/2011
RCRA -- RCRA	EPA	This database lists all sites that fall under the Resource Conservation and Recovery Act (RCRA) and are not classifiable as treatment, storage, disposers of hazardous material, hazardous waste generator or subject to corrective action activity.	Quarterly	11/13/2011	11/13/2011	11/15/2011	11/10/2011
RCRA COR -- RCRA CORRACTS	EPA	These sites are registered hazardous waste generators or handlers that fall under the Resource Conservation and Recovery Act (RCRA). and subject to corrective action activity.	Quarterly	11/13/2011	11/13/2011	11/15/2011	11/10/2011
RCRA GEN -- RCRA Generators	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Small Quantity Generator (SQG) generates between 100kg and 1,000 kg of waste per month. A Large Quantity Generator (LQG) generates over 1,000 kg of waste per month. A Conditionally Exempt SQG (CEG) generates less than 100 kg of waste per month.	Quarterly	11/13/2011	11/13/2011	11/15/2011	11/10/2011
RCRA TSD -- RCRA non-CORRACTS TSD	EPA	This database lists all treatment, storage and disposal of hazardous material sites that fall under the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence.	Quarterly	11/13/2011	11/13/2011	11/15/2011	11/10/2011
ST BWN -- State/Tribal Brownfield	TCEQ	Brownfield sites are former industrial properties that lie dormant or underutilized due to liability associated with real or perceived contamination. In Texas, the TCEQ, in close partnership with the EPA and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of Brownfield's through the development of regulatory, tax, and technical assistance tools.	Quarterly	01/31/2012	01/31/2012	01/31/2012	01/31/2012
ST BWN -- State/Tribal Brownfield	RRC	The Railroad Commission of Texas' 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.	Quarterly	01/30/2012	10/31/2011	11/01/2011	10/31/2011
ST CER -- State/Tribal Equivalent CERCLIS	NA	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	NA	N/A	N/A	N/A	N/A
ST EC -- State/Tribal Engineering Control	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination.	Quarterly	01/31/2012	01/31/2012	01/31/2012	01/31/2012
ST IC -- State/Tribal Institutional Control	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use.	Quarterly	01/31/2012	01/31/2012	01/31/2012	01/31/2012
ST IC -- State/Tribal Institutional Control	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	10/27/2011	10/31/2011	11/02/2011	10/31/2011
ST NPL -- State/Tribal Equivalent NPL	TCEQ	This database contains sites determined by the TCEQ that may constitute an imminent and substantial endangerment to public health and safety or to the environment due to a release or threatened release of hazardous substances into the environment.	Quarterly	11/17/2011	11/21/2011	11/21/2011	11/21/2011
SWLF -- State/Tribal Disposal or Landfill	TCEQ	The SWLF database contains records of municipal solid waste facilities that may accept various types of municipal solid waste for processing or disposal, depending on the type of facility. A Municipal Solid Waste facility may also accept certain special wastes and non-hazardous industrial solid wastes if approved by the TCEQ executive director.	Quarterly	11/28/2011	12/01/2011	12/01/2011	11/30/2011

Database	Source	Database Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
SWLF -- State/Tribal Disposal or Landfill	TCEQ	This database is a listing of closed and abandoned municipal solid waste landfills. The sites included are either unauthorized (UNUM_) or permitted (PERMAPP_).	NA	02/01/2011	02/01/2011	03/06/2011	01/01/1993
VCP -- State/Tribal Voluntary Cleanup	TCEQ	This database contains sites from both the Voluntary Cleanup Program (VCP) and the Innocent Operator Program (IOP). The VCP records contain information on contaminated sites that private parties have cleaned up through assistance from the State in the form of administrative, technical, and legal incentives. The IOP records are sites that have received certificates from the State acknowledging that 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.	Quarterly	01/31/2012	01/31/2012	01/31/2012	01/31/2012
VCP -- State/Tribal Voluntary Cleanup	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	10/27/2011	10/31/2011	11/02/2011	10/31/2011

The Banks Environmental Data Regulatory Database Report© was prepared based upon data obtained from State, Tribal, and Federal sources known to Banks Environmental Data at the time the data was obtained. Great care has been taken by Banks in obtaining the best available data from the best available sources. However, there is a possibility that there are sources of data applicable or pertaining to this report's target property, and/or surrounding properties, to which Banks does not have access or has not accessed. Furthermore, although Banks Environmental Data performs quality assurance and quality control on all data, including data it obtains, Banks recognizes that inaccuracies in data from these sources may, and do, exist; accordingly, inaccurate data may have been used or relied upon in the preparation of this report. Even though Banks Environmental Data performs a thorough and diligent search to locate and fix any inaccuracies in the data relied upon in the preparation of this report and this report, Banks cannot guarantee or warrant the accuracy of the locations, information, data, or report. The purchaser of this report accepts this report "as is" and assumes all risk related to any potential inaccuracy contained in the report or not reported in it, whether due to a reliance by Banks Environmental Data on inaccurate data, or for any other reason [including but not limited to the negligence or express negligence of Banks Environmental Data]. If this report is being used for the Records Review section of a Phase I Site Assessment according to the ASTM 1527-05, for EPA's All Appropriate Inquiry, or for any other purpose (public or private), all liability and responsibility is assumed by the Environmental Professional or other individual or entity acquiring the report.

APPENDIX E
FIRE INSURANCE MAP RECORDS

CLIENT
<p>QUADRANT CONSULTANTS, INC. Attn: Bin Wang 7322 Southwest Freeway, #470 Houston, TX 77074 Ph. (713)779-2990 Fax 1-713-779-3727</p>

SITE
<p>Hughes Road Houston, TX (Harris County) Client Job # n/a Banks Job # ES90469</p>

FIRE INSURANCE MAP RESEARCH

Banks Environmental Data (Banks) has completed your research request to ascertain the likelihood of Fire Insurance Map coverage for the above site. This document reports that Digital Fire Insurance Maps at the Library of Congress have been reviewed based on client-supplied information. The Library of Congress' collection includes all maps submitted to the Library through copyright deposit and a set of maps transferred to the Library from the Bureau of the Census. Maps from the Bureau of the Census include corrections issued by the Sanborn Company that were pasted over the original map sheet. Maps acquired through copyright deposit remain in their original form.

No Fire Insurance maps depicting the target property were identified.

*****NO COVERAGE*****

Copyright Policy & Disclaimer

This report is solely for the limited use of the client and its customer. Sanborn is a registered trademark. Banks Environmental Data makes no warranties as to accuracy, validity, completeness, merchantability, quality, condition, suitability or fitness for a particular use or purpose in respect to this report and any information contained herein. All risk is assumed by the user. Banks Environmental Data, Inc. assumes no liability to any party for loss or damage whether rising out of errors or omissions, negligence, accident, or any other cause. In no event shall Banks Environmental Data, Inc., its affiliates or agents, be liable to anyone for special incidental, consequential or exemplary damages.

APPENDIX F
CLOSED LANDFILL INVENTORY RECORDS

APPENDIX G QUALIFICATIONS OF PREPARERS

Bin Wang, Principal Investigator

Environmental Scientist

Quadrant Consultants Inc.

7322 Southwest Freeway

Suite 470

Houston, Texas 77074

Bachelor of Science, Mathematics, Beijing Normal University, Beijing, China

Master of Science, Transportation Planning, Texas Southern University, Houston, Texas

Bruce F. Leon, Ph.D., Project Director

Manager, Environmental Planning

Quadrant Consultants Inc.

7322 Southwest Freeway

Suite 470

Houston, Texas 77074

Bachelor of Science, Natural Resources, University of Michigan, Ann Arbor, Michigan

Master of Arts, Biology, Princeton University, Princeton, New Jersey

Doctor of Philosophy, Biology, Princeton University, Princeton, New Jersey

Certified Senior Ecologist, Ecological Society of America

Professional Wetland Scientist, Society of Wetland Scientists