

Phase I Environmental Site Assessment



**± 2.4 Miles of Drainage Improvements
Pleasantville and Glendale Area
Houston, Texas 77029**

Prepared for:
City of Houston
Public Works and Engineering
611 Walker, 15th Floor
Houston, Texas 77002

September 2012
Project No.
AVO 28052/PH02AS/TA04

Prepared by:



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September 12, 2012
AVO 28052/PH02AS/TA04

Mr. Keith R. Davis, P.E.
Storm Drainage Program Support
City of Houston
611 Walker, 15th Floor
Houston, Texas 77002

Re: Phase I Environmental Site Assessment for ±2.4 Miles of Drainage Improvements
in the Pleasantville and Glendale Area, Houston, Texas

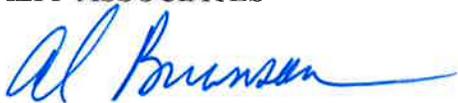
Dear Mr. Davis:

Attached please find a Phase I Environmental Site Assessment performed by Halff Associates for the above referenced property.

Halff Associates is pleased to be of service to you on this project. We are a full service consulting engineering firm and would be glad to provide any additional service on this project or on any other projects anticipated by you in the future. If you have any questions regarding this report, please feel free to call me at (713) 588-2444.

Sincerely,

HALFF ASSOCIATES



Al Brunson
Environmental Scientist

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1.0 EXECUTIVE SUMMARY

On June 14, 2012, Halff Associates (Halff) performed a Phase I Environmental Site Assessment (ESA) on behalf of the City of Houston (Client) for ±2.4 Miles of Drainage Improvements, Houston, Harris County, Texas (Property or Site). Figure 1, the Location Map, shows the Property location on the U.S. Geological Survey (USGS) Topographic Quadrangle Maps “Settegast, Texas” and “Park Place, Texas.” Figure 2, the Site Schematic, shows significant features of the Site. Both figures are presented at the end of this report.

The Property consisted of an irregular shaped tract of land approximately 2.4 miles long which encompassed approximately 21.1 acres. The Property was utilized by the City of Houston as right-of-way (ROW) containing storm water drains, sanitary sewer lines, and water lines. The northern portion of the Property traversed a residential neighborhood and city park. The residential streets included Munn, Gellhorn, and south of Guinevere Street. The central, southern, and eastern portion of the site was located along Maxine Street, Industrial and Turning Basing Road. Evidence of minor paint dumping was observed near a storm water inlet south of Guinevere Street and west of Ledwick Street. Tires, broken concrete, construction debris, and household trash was observed on the Property along the Maxine Street ROW. Two stockpiles, containing approximately 200 cubic yards of soil and rail ballast, were observed on the Property west of 1825 Turning Basin Drive. The two stockpiles appeared to have been removed from an adjacent rail spur during repair/maintenance activities of the rail spur. Flowing water was observed entering a storm drain on the Site west of 8700 Turning Basin Drive. At the time of the Site visit, the source of water could not be determined. No stressed vegetation, surface sheen, or abnormal odors were associated with the water entering the storm drain.

The inspection of the Property did not reveal any evidence of contamination, such as stressed vegetation, stained soils, or unusual odors. No evidence of the storage, treatment, or disposal of hazardous waste was observed on the Property. There were no visible or evident aboveground or underground storage tanks, treatment facilities, or hazardous waste handling or disposal facilities found at the Property. No manufacturing processes were observed during the Site inspection. No evidence staining, or stressed vegetation was observed on or near the above listed items; therefore, the tires, broken concrete, construction debris, and household trash observed on Site is considered a *de minimis* condition for the Property. The two stockpiles containing approximately 200 cubic yards of soil and rail ballast was identified as a recognized environmental condition for the Property.

Based on historical resources, the area surrounding the Property as early as 1944 was a mixture of vacant land, and what appeared to be scattered residential properties and public roadways. A large bermed area, identified as The Port of Houston Authority Glendale Dredge Material Placement Area, had been developed west of the Property by the early 1940's. By 1969, residential properties had been developed adjacent to the north of the northern portion of the Site and adjacent to the western portion of the Site with additional commercial/industrial properties adjacent to the southern portion of the Property. By 1979, the continued commercial development of the adjacent properties to the east were evident and the Glendale Dredge Material Area had been expanded to the east, adjacent to the west of the central portion of the Property. No obvious evidence of the generation,

storage, or disposal of hazardous waste was observed on the immediately adjacent properties surrounding the Site.

The Property was not identified in the regulatory review performed for this ESA. Seven EPA registered facilities and twelve TCEQ registered facilities were identified in the databases within the prescribed search radii for this ESA. Based on distance, one of the identified facilities appeared to represent a potential environmental concern to the Property. The facility was identified as Faust Distributing (LPST ID# 115050), addressed 8751 Flagship, and was located adjacent to the Property at the intersection of Flagship and Lanewell. According to the LPST database, a release from the PST system at this facility was reported in June 2000.

A User Questionnaire was sent to the Client for the subject property. To date, a completed User Questionnaire has not been provided by the Client. This represents a data gap for this report; however, based on information received and reviewed from other sources, this data gap does not appear to be significant. The Owner of the subject property is the Client; therefore, an Owner/Operator Questionnaire was necessary for this report.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property except for the following:

- An adjacent property to the east of the Site (addressed 1805 Turning Basin Drive) was identified in a non-ASTM database, the Tier II Chemical Reporting Program (Tier II). The historic chemical use and waste disposal practices for the Katoen Natie facility were unknown. Evidence of a spill of unknown material was observed in the storm water and sanitary sewer lines adjacent the Property.
- A Large bermed area (± 170 acres) located adjacent to the west was identified as The Port of Houston Authority Glendale Dredge Material Placement Area. Dredge material originating from the Houston Ship Channel was placed within the bermed area for dewatering. The content of the dredge material placed in the Glendale Dredge Material Placement Area was unknown.
- Two stockpiles containing approximately 200 cubic yards of soil and rail ballast were observed on the Property west of 1825 Turning Basin Drive. The two stockpiles appeared to have been removed from an adjacent rail spur during repair/maintenance activities of the rail spur.

This assessment has revealed no evidence of *historic recognized environmental conditions* in connection with the Property except for the following:

- A former LPST facility (addressed 8751 Flagship) was located adjacent to the south of the northeastern portion of the Property. The release associated with this facility was closed in 2005 and the USTs associated with this facility were removed in 2002. The former off-site LPST facility was identified as a current recognized environmental condition for the Property.

This assessment has revealed no evidence of *de minimus* conditions in connection with the Property except for the following:

- Evidence of minor paint dumping was observed near a storm water inlet south of Guinevere Street and west of Ledwick Street.

The following is recommended for the identified *recognized environmental conditions*:

- A subsurface investigation would be necessary to determine if media at the Property have been impacted by the adjacent dredge material storage site; the release of an unknown material to the adjacent storm water and sanitary sewer system; on-Site stockpiles of soil and rail ballast; and the adjacent former LPST site.

Although not identified as RECs, HRECs, or de minimis conditions, the following items were identified that will likely require additional actions:

- If future demolition or renovation of the on-Site storm water and sanitary sewer lines are required, the lines should be inspected and sampled by an accredited/licensed asbestos inspector in accordance to the Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants.

2.0 OBJECTIVES/LIMITATIONS

On June 14, 2012, Halff Associates (Halff) performed a Phase I ESA on behalf of City of Houston (Client) for ±2.4 Miles of Drainage Improvements, Houston, Harris County. The purpose of the ESA was to identify, to the extent feasible pursuant to the process described the City of Houston Department of public Works and Engineering Infrastructure Design Manual, Chapter 11, Geotechnical and Environmental Requirements, dated July 2012 and the ASTM E-1527-05 Standard, *recognized environmental conditions* in connection with the Property. *Recognized environmental conditions* are defined in the ASTM Standard as meaning “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water on the property.” According to the ASTM Standard, *recognized environmental conditions* are not intended to include *de minimis* conditions, which are defined as “conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” The scope of the investigation is set forth in the agreement between the Client and Halff, a copy of which is included as Appendix A.

The ESA was performed in accordance with the ASTM E-1527-05 Standard and generally accepted principles and practices of the profession undertaken in similar studies at the same time and in the same geographical area. Halff observed the degree of care and skill generally exercised by the profession under similar circumstances and condition.

The purpose of the ASTM E-1527-05 Standard is to “define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (landowner liability protection or LLP). That is, the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice as defined at 42 U.S.C. §9601(35) (B). Controlled substances are not included within the scope of this standard. While use of this practice is intended to constitute all appropriate inquiry for purposes of the LLPs, it is not intended that its use be limited to that purpose. This practice is intended primarily as an approach to conducting an inquiry designed to identify recognized environmental conditions in connection with a property.”

Halff has endeavored to meet what it believes is the applicable standard of care for the services performed and, in doing so, is obliged to advise you of ESA limitations which are essential to help clients identify and thereby manage risks. These risks may be further evaluated, but not eliminated, through additional research or investigation. Halff will, upon request, advise you of the additional research or investigation opportunities available and associated costs.

Property use was researched using available standard historical sources such as aerial photographs and topographic maps. The Property was visually examined for evidence of hazardous waste treatment, storage, or disposal facilities, or other activities or processes generating potentially hazardous substances. Federal and State Regulatory databases were reviewed to determine the regulatory status of the Property and registered facilities in the nearby area.

Phase I ESAs are relatively modest investigations of the conditions that exist at a given site, at the time the observations are made. Typically, only visual observations of the condition of the site are made; principally to determine if more detailed investigations are justified. An investigation of the site conducted in a few hours can fail to uncover the problems that exist at that location. This is especially true of underground conditions, which cannot be evaluated by visual ground-level inspections. Any reference to visual signs of contamination should not be misinterpreted. Visual signs of contamination do not necessarily indicate that extensive site contamination exists; and conversely, the absence of visual signs of contamination does not indicate that the site is not contaminated.

Information obtained for this ESA was received from a variety of sources that Halff believes are reliable. However, Halff does not warrant the authenticity or reliability of the information sources used in the preparation of this report.

Per the ASTM E 1527-05 Standard, this report may be relied upon for a period of one year prior to the date of acquisition of the Property or the date of the intended transaction provided that the following components of the inquiry have been conducted or updated within 180-days of the date of acquisition or the date of the intended transaction: Interviews with owners, operators, and occupants; searches for recorded environmental cleanup liens; reviews of federal, tribal, state, and local government records; visual inspections of the Property and of adjoining properties; and the declaration by the Environmental Professional responsible for the assessment or update. Based on the date the regulatory report was generated, an update of this report is necessary after November 13, 2012.

This assessment has been prepared for the exclusive use and reliance of the Client. It may not be reproduced without the approval of the Client. Any conclusions or observations included in this report are intended for the sole use of the Client. Use or reliance by any other party is prohibited without the written authorization of the Client and Halff. Reliance on this assessment by the client and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, ESA report, and Halff's General Terms and Conditions for Environmental Assessment Services. Any use of or reliance upon the information by a third party other than the Client shall be at the sole risk and liability of such third party and without legal recourse against Halff, its subsidiaries and affiliates, or their respective employees, officers, or directors.

3.0 SITE OVERVIEW/PROPERTY DESCRIPTION

ADDRESS:	Pleasantville and Glendale Area, Houston, Harris County Texas
LAND AREA:	±21.1 Acres
BUILDING IMPROVEMENTS:	None
CURRENT OWNER:	City of Houston
CURRENT OCCUPANT:	City of Houston
CURRENT USE:	City of Houston Right-of -Way
PRIOR USE:	Agricultural
SURROUNDING LAND USE:	Commercial, residential, vacant land, rail road right of way, and public roadways
GEOGRAPHIC COORDINATES:	29°45'17.90"± North Latitude 95°16'07.29"± West Longitude

4.0 SITE BACKGROUND/OPERATING HISTORY

4.1 Ownership

According to information provided by the Client, the City of Houston is the current owner of the Property. A review of the chain-of-title for the Property was not included in the scope of work for this assessment.

4.2 Review of Aerial Photographs

Aerial photographs of the area surrounding the Property for the years 1944, 1953, 1969, 1979, 1989, 2004, and 2010 were obtained from an aerial photography company and reviewed for visible abnormalities or indications of past surrounding area land use that would raise environmental concerns. The area surrounding the Property has historically been vacant land, residential, commercial, and public roadways. Copies of the historical aerial photographs are presented in Appendix B. A summary of the selected aerial photographs is presented in Table 1, below.

TABLE 1 - AERIAL PHOTOGRAPHY REVIEW SUMMARY

Date	Site Description	Adjacent Property Description
1944	<p>The Property was vacant and undeveloped land. Approximately 350 feet of the Property and adjacent properties near the south end of the Site was not depicted on the 1944 aerial. This represents a data gap for this report; however, based on information received and reviewed from other sources, this data gap does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.</p>	<p>The immediately adjacent properties were similar to the Property. Residential development was located approximately 1,050 feet east of the western end of the Property. Several large commercial/industrial structures and eight large above ground storage tanks were observed approximately 3,500 feet west of the central portion of the Property. A large bermed area containing approximately 100 acres was located approximately 700 feet west of the central portion of the Property.</p>
1953	<p>The Site remained relatively unchanged since the previous aerial photograph. Approximately 300 feet of the Property and adjacent properties at the south central portion of the Site was not depicted on the 1953 aerial. This represents a data gap for this report; however, based on information received and reviewed from other sources, this data gap does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.</p>	<p>Continued residential development was observed to the north and west of the Property. The commercial/industrial complex located west of the Property had been expanded.</p>
1969	<p>Several Residential streets had been constructed that crossed northwest portion of the Site. The constructed streets included Demaree and Gellhorn.</p>	<p>Continued residential development was observed to the north of the northern portion of the Site and to the south of the northwestern portion of the Site. Two commercial buildings had been constructed adjacent to the east of the southern portion of the Site. Loop 610 East was under construction to the east of the Site. Due to the resolution of the aerial photograph, specific details regarding the surrounding properties could not be determined.</p>

Date	Site Description	Adjacent Property Description
1979	The Site remained relatively unchanged since the previous aerial photograph.	William S. Holland Middle School had been constructed approximately 200 feet north of the northern portion of the Site. Maxine and Industrial streets had been constructed adjacent to the southern portion of the Site. A second large bermed area containing more than 100 acres had been constructed adjacent to the west of the central portion of the Property. Turning Basin Drive had been constructed along the eastern portion of the Site. The construction of Loop 610 East had been completed. A large industrial facility with several large above ground storage tanks was located approximately 3,500 feet west of the central portion of the Site. Five large commercial buildings had been constructed adjacent to the east of the central portion of the Site. A rail road spur was located adjacent to the central portion of the Property.
1996	The Site remained relatively unchanged since the previous aerial photograph.	The two bermed areas located adjacent to the west appeared to be overgrown with vegetation. The remaining adjacent properties and surrounding area remained relatively unchanged since the previous aerial photograph.
2004	The Site remained relatively unchanged since the 1996 aerial photograph.	The adjacent properties and surrounding areas remained relatively unchanged since the 1996 aerial photograph.
2010	The Site remained relatively unchanged since the 2004 aerial photograph.	Most of the heavy vegetation appeared to have removed from the adjacent bermed area. The remaining adjacent properties and surrounding areas remained relatively unchanged since the 2004 aerial photograph.

Review of the historical aerial photographs indicated that no visible structures had been developed on the Property from 1944 until at least 2010. Residential structures were located on the adjacent properties near the northern portion of the site from 1969 until at least 2010. The area adjacent to the east of the central portion of the Site had been commercially developed from 1979 until at least 2010. The area surrounding the Property has historically consisted of undeveloped land beginning in the early 1940's until the 1950's with the exception of the bermed area located west of the central portion of the Property and south of the northern portion of the Site, which was developed in the early 1940's. The inability to obtain aerial photographs in five-year intervals was identified as a minor data gap. However, due to the amount of information acquired from other sources, the lack of five-year interval coverage on the aerial photographs does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.

Review of the historical aerial photographs revealed no obvious signs of dumping or other similar activity indicating an environmental concern for the Property. Since aerial photographs for five-year increments and prior to 1944 were not reasonably ascertainable, the historical use of the Property was also researched by reviewing City Directories and Sanborn Fire Insurance Maps, which are discussed below.

4.3 Historical City Directories/Fire Insurance Maps

Historical city directories were reviewed at the City of Houston Public Library as an aid in determining the Property use history. Halfff reviewed Cole’s Directories approximately every fifth year from 1952 to 2007 for the adjacent property addresses. These listings were associated with residential and educational properties located along Munn, Guinevere, Gellhorn, and Maxine; commercial properties were associated with Flagship, Industrial, Flagship, and Turning Basin Drive. No listings prior to 1952 were identified for the Property Review of the city directories and revealed the addresses associated with the adjacent properties on the northern portion of the Site was occupied by residential sites from at least 1952 through 2007. Adjacent properties to the east of the Site were occupied by commercial sites from at least 1983 through 2007. The city directory review indicated that the adjacent and nearby properties were primarily occupied by residential and commercial facilities. The Faust Distributing site, addressed 8751 Flagship, was identified in the LPST database reviewed for this report and is further discussed in Section 7.1. A summary of the historical city directory review is presented in Table 2, below.

TABLE 2 - HISTORICAL CITY DIRECTORY REVIEW SUMMARY

Property Address	Estimated Distance/Direction From Property
8751 Flagship – Faust Distributing (1983-2000); Ocean Harvest Warehouse (2007)	South Adjacent Property
8775 Flagship – Gethsemane Baptist Church (2008);	North Adjacent Property
8700 Industrial Drive – Box Service Company (2007); Eagle Transportation (2000); Terminal Service (1983-1995);	South Adjacent Property
1225 Turning Basin Drive – Chem Grind Chemical (1980-1983);	East Adjacent Property
1715 Turning Basin Drive – Clement of Houston (1995);	600 feet south
1717 Turning Basin Drive – Portway Plaza (1983-2000)	South Adjacent Property
1801 Turning Basin Drive – Tremco Manufacturing (1983)	West Adjacent Property
1805 Turning Basin Drive – MCC Transport (2000); Cadillac Plastic and Chemical (1989-1995);	West Adjacent Property
1815 Turning Basin Drive – Sunbelt Chemicals (1983); Asia Chemical (1989-1995); Gemini Transportation (2000);	North Adjacent Property
1819 Turning Basin Drive – Tire Distributors (1983); Bowman Distributing (1989); Haulco Trucking (1995);	North Adjacent Property
1825 Turning Basin Drive – Gulf Cargo (1989); 4 Star Transportation (1995); Polymont International (2000);	East Adjacent Property
1905 Turning Basin Drive – Bering Sales (1983-1995); C&D Inc. (2000);	East Adjacent Property
1915 Turning Basin Drive – ACS Products (1983); Darling Bolt Co. (1989-2000)	200 feet northwest of eastern portion of Site
2005 Turning Basin Drive – Midland Ross (1983); C&D Warehouse (1989-1995); C&D Accounting Department (2000);	500 feet east of central portion of Site
2025 Turning Basin Drive – Container Carrier (1983); DFC Transportation (1989-1995); Clark Warehouse (2000);	300 feet east of central portion of Site
2425 Turning Basin Drive – Schuman Auto Supply (1980-1995); Conn’s Appliance (2000);	500 feet south of northern portion of Site

Note: Direction and distances listed above are approximate.

According to a historic map search for Sanborn Fire Insurance Maps, conducted by Geosearch of Austin Texas, no detailed maps of the Property area were available.

Based on historical records reviewed, the first developed use of the Property could not be established and was unknown. The earliest historical information reviewed for the Site showed the area near the northwest portion of the Property to be developed for residential use in 1959. Historical information indicated that commercial properties along Flagship and Industrial were first developed in 1983 with the streets being constructed in 1981. The earliest listing for Turning Basin Drive in the area of the Site was in 1980. In the professional opinion of Halff, this data failure does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.

4.4 Review of Topographic Map

The USGS Topographic Maps “Settegast, Texas” and “Park Place, Texas” dated 1995 were reviewed as an aid in determining historical land use of the Property. The topographic map showed the Property to be located in a developed area of Harris County approximately five miles east of downtown Houston. A residential neighborhood was located adjacent to the northern portion of the Site. A commercial business park was located on the properties located adjacent to the east of the Site. The project alignment was located to the north and west of several bermed detention ponds. A sewage disposal plant was depicted near the western end of the northern alignment. Loop 610 was located adjacent to the east of the project area. Four large above ground storage tanks (ASTs) and eight smaller ASTs were depicted approximately 3,400 feet west of the southern alignment. Ten additional ASTs were located approximately 3,000 feet north-northwest of the northern alignment. No evidence of oil/gas pipelines, mines/quarries, or any other features indicating a potential environmental concern were observed on or immediately adjacent to the Property.

5.0 ENVIRONMENTAL SETTING

5.1 Surface Conditions

According to the USGS Topographic Maps “Settegast, Texas” and “Park Place, Texas” the Property was situated in a relatively flat area with a local topographic trend sloping slightly to the south-southeast. Surface elevations on the Property were estimated to be approximately 35 feet above mean sea level. The nearest surface water body feature was Buffalo Bayou (Houston Ship Channel) and was located approximately 4,000 feet southwest of the Site.

Based on visual observations, surface runoff in the area of the Property flowed to a storm water drainage system located in within the Property.

5.2 Subsurface Conditions

Geology

Harris County is in the Western Gulf Coast section of the Coastal Plain. The uppermost formations, from which the parent materials of soils in the county are weathered, are of Pliocene, Pleistocene, and Holocene (recent) age. These formations originally consisted of fluvial, deltaic, coastal marsh, and lagoonal soil materials and shallow sea deposits broken by normal faults, salt domes, pimple mounds, undrained depressions, and scarps.

The outcropping Tertiary Pliocene unit in Harris County is the Willis Formation, which is exposed in the northwestern portion of the county, and is considered transitional in age to the Pleistocene. Quarternary Pleistocene deposits include the Lissie Formation, Bentley Formation, Montgomery Formation, and Beaumont Formation. The Deweyville Formation is transitional in age from the Pleistocene to Quarternary Holocene deposits, which include barrier island deposits, alluvium, and fill and spoil deposits. The Pleistocene upland is underlain by the Beaumont Formation and the Holocene alluvium and barrier island deposits. According to the Geologic Atlas of Texas, Houston Sheet (Bureau of Economic Geology, University of Texas at Austin), the Property is located on the Beaumont Formation.

The Beaumont Formation (Pleistocene) overlies the Lissie Formation (Pleistocene). Formation deposits include clay and mud of low permeability, high water holding capacity, high compressibility, and high to very high shrink-swell potential. Formation deposits include interdistributary muds, abandoned channel-fill muds, and overbank fluvial muds. The surface is fairly flat and featureless except for numerous rounded shallow depressions and pimple mounds, with the lower part being very gently rolling and characterized by "moderate permeability, moderate drainage, and high shear strength. The thickness of the Lissie Formation in the area of the Property is about 100 feet.

According to the USDA Soil Conservation Service's Soil Survey of Harris County, Texas, soils in the area of the Property consist of the following:

Vamont-Urban Land Complex, 0 to 4 percent slopes. This soil is somewhat poorly drained, level to gently sloping, neutral clays. These soils are on a featureless plain where slopes are mostly less than 1 percent but range to 3 percent. The surface layer of the Vamont soil is firm, medium acid, very dark grayish brown clay about 8 inches thick. The layer below that is about 16 inches thick and consists of firm, strongly acid clay that is prominently mottled with yellowish brown and gray. Below this, to a depth of about 70 inches, is a layer of very firm, strongly to medium acid, grayish brown clay that has a few yellowish brown and brownish yellow mottles. The next layer, to a depth of approximately 10 inches, is very firm, slightly acidic, gray clay. This soil is somewhat poorly drained and the available water capacity is high. Surface runoff is very slow, and permeability is slow. The shrink-swell potential is very high and the corrosion potential to uncoated steel is high.

Lake Charles-Urban Land Complex, 0 to 3 percent slopes. This soil is somewhat poorly drained, level to gently sloping, neutral clays. These soils are on a featureless plain where slopes are mostly less than 1 percent but range to 3 percent. The surface layer of the lake Charles soil is about 36 inches thick. In the upper 22 inches, it is very firm, neutral, black clay. In the lower 14 inches, it is very firm, mildly alkaline, very dark clay that has intersecting slickensides. The next layer, to a

depth of about 74 inches, is very firm, mildly alkaline, gray clay that has mottles of olive brown and yellowish brown. This soil is somewhat poorly drained and the available water capacity is high. Surface runoff is very slow, and permeability is slow. The shrink-swell potential is very high and the corrosion potential to uncoated steel is high.

Ijam Soils, 0 to 1 percent slopes. This soil is somewhat poorly drained, level to gently sloping, neutral clays. These soils are on a featureless plain where slopes are mostly less than 1 percent. The soil boundaries generally coincide with earthen dikes that were constructed to impound the clayey sediment dredged or pumped from the floor of waterways. The surface layer of the Ijam soil is very firm, moderately alkaline, dark gray clay about 8 inches thick. Below that, to a depth of about 60 inches, is very firm, moderately alkaline gray clay that has mottles of yellowish brown and a few shell fragments. This soil is somewhat poorly drained and the available water capacity is high. Surface runoff is very slow, and permeability is slow. The shrink-swell potential is very high and the corrosion potential to uncoated steel is high. Salinity and poor surface drainage are the main limitations.

Hydrogeology

According to the Ground-Water Resources of Colorado, Lavaca, and Harris Counties, Texas Department of Water Resources Report No. 270, the Gulf Coast aquifer provides the majority of groundwater in the vicinity of the Property. The principal water bearing units are the Chicot and Evangeline aquifers. In the vicinity of the Property, usable quality water may be encountered to a maximum depth of approximately 3,000 feet.

Sufficient data was not available to evaluate shallow groundwater conditions at the Site. Typically, the direction of groundwater flow in near-surface aquifers will flow in the direction of surface topography.

5.3 Floodplains

The Property was identified on two Federal Emergency Management Agency's Flood Insurance Rate Maps (FIRM) for Harris County, Texas and Incorporated Areas, Community Panel Nos. 48201CO695L and 48201CO885L, dated June 18, 2007, showed the Property to be located in Zone X (unshaded). Zone X (unshaded) designates areas determined to be outside the 0.2% annual chance floodplain.

6.0 RESULTS OF ON SITE INVESTIGATION

6.1 Site Observations

On June 14, 2012, Mr. Al Brunson of Halff completed an on-Site investigation and area reconnaissance. Photographs of the Site taken during the on-Site investigation are presented in Appendix C.

The Property was visually observed by driving and walking the accessible areas considered representative of the Property. The Property was also viewed from the adjacent roadways. Potential surface features on the Property to be investigated by Halff during the Site investigation included, but were not limited to, the following:

- stained soil or pavement;
- sewage disposal;
- surface appurtenances of cisterns, cesspools or septic tanks;
- pits, sumps, drywells, catchbasins or surface impoundments;
- wells for water, oil, gas, disposal or groundwater monitoring;
- aboveground storage tanks (AST) or surface appurtenances of underground storage tanks (UST);
- natural waterways and surface water discharges;
- stressed vegetation, discolored water or abnormal odors;
- liquid or solid waste dumping or disposal;
- unnatural fill material or soil grading; and
- Potential Wetlands.

The Property consisted of an irregular shaped tract of land approximately 2.4 miles long and encompassed approximately 21.1 acres. The Property was utilized by the City of Houston as ROW containing storm water drains, sanitary sewer lines, and water lines. The northern portion of the Property traversed a residential neighborhood and city park. The central, southern, and eastern portion of the site was located along Maxine Street, Industrial, and Turning Basing Road. Evidence of minor paint dumping was observed near a storm water inlet south of Guinevere Street and west of Ledwick Street. Tires, broken concrete, construction debris, and household trash was observed on the Property along the Maxine Street ROW. Two stockpiles, containing approximately 200 cubic yards of soil and rail ballast, were observed on the Property west of 1825 Turning Basin Drive. The two stockpiles appeared to have been removed from an adjacent rail spur during repair/maintenance activities of the rail spur. Flowing water was observed entering a storm drain on the Site west of 8700 Turning Basin Drive. At the time of the Site visit, the source of water could not be determined. No stressed vegetation, surface sheen, or abnormal odors were associated with the water entering the storm drain.

At the time of the Site visit, no potential wetlands were observed. In addition, a National Wetlands Inventory (NWI) maps were reviewed for the presence of potential wetlands. No potential wetlands were depicted within the City of Houston ROW. A copy of the NWI map reviewed for this report is presented in Appendix F.

The inspection of the Property did not reveal any evidence of contamination, such as stressed vegetation, stained soils, or unusual odors. No evidence of the storage, treatment, or disposal of hazardous waste was observed on the Property. There were no visible or evident aboveground or underground storage tanks, treatment facilities, or hazardous waste handling or disposal facilities found at the Property. No manufacturing processes were observed during the Site inspection. No evidence of spills, staining, or stressed vegetation was observed on or near the above listed items;

therefore, the miscellaneous debris observed on Site is considered a *de minimis* condition for the Property.

6.2 Regulated Substance Identification/Inventory

Regulated Substances

With the exception of the items identified in Section 6.1, no potentially regulated materials were identified on the Site at the time of the Site inspection.

Polychlorinated Biphenyl (PCB) Equipment

Seven pole-mounted transformers were observed immediately adjacent to the Property at various locations. At the time of the Site visit, the transformers appeared to be in good condition with no evidence of spills or leaks in the area of the transformers. The PCB content of the transformers was unknown.

6.3 User Provided Information

A User Questionnaire was sent to the Client for the subject property. To date, a completed User Questionnaire has not been provided by the Client. This represents a data gap for this report; however, based on information received and reviewed from other sources, this data gap does not appear to be significant.

6.4 Owner/Operator Provided Information

The Owner of the subject property is the Client; therefore, an Owner/Operator Questionnaire was necessary for this report.

6.5 Area Reconnaissance

At the time of the Site investigation, a visual survey of the adjacent properties and nearby surrounding area was conducted from public road rights-of-way. The surrounding area was examined for visible evidence of hazardous waste treatment, storage, or disposal facilities, and other activities or processes generating potentially harmful wastes. Properties adjacent to the Site were observed as follows:

NORTH: Residential neighborhoods, William S. Holland Middle School;

EAST: Commercial businesses including; Eagle Transportation, World Wide Fittings, Katoen Natie Specialty Chemicals, Katoen Shipping and Receiving, Ocean Harvest Wholesale, Houston Intermodal Express, Rex Trucking, Conn's Service Center, Elliot Electric Supply, Mi Hose and Rubber, Advanced Container Sales and Rentals, Port Way Plaza, and Gethsemane Missionary Baptist Church;

SOUTH: Residential neighborhoods and commercial businesses; and

WEST: The Port of Houston Authority Glendale Dredge Material Placement Area and residential properties.

Land use in the Site vicinity was generally residential, commercial, a rail spur, and public roadways. No evidence of hazardous waste treatment, or disposal facilities were observed on the properties surrounding the Site. Eagle Transportation was identified in the regulatory database reviewed for this report and is discussed further in Section 7.1 below. Ocean Harvest Wholesale addressed 8751 Flagship, was formerly occupied by Faust Distributing and was also identified in the regulatory database reviewed for this report and is discussed further in Section 7.1. Katoen Shipping and Receiving, addressed 1905 Turning Basin Drive, was serviced by a rail spur located adjacent to the east of the Property. The Katoen facility unloaded raw materials from rail cars via a vacuum system. At the time of the Site visit, an unknown material was observed within the storm drain and sanitary sewer lines located east of the Katoen Natie facility. The material appeared to have been released during unloading activities of rail cars at the Katoen Natie Shipping and Receiving facility. Katoen Natie Specialty Chemical, addressed 1805 Turning Basin Drive, was identified in a non-ASTM Standard database, and is further discussed in Section 7.1 below. A Large bermed area (± 170 acres) located adjacent to the west was identified as The Port of Houston Authority Glendale Dredge Material Placement Area. Dredge material originating from the Houston Ship Channel was placed within the bermed area for dewatering. The Port of Houston Authority Glendale Dredge Material Placement Area was not identified on the regulatory databases reviewed for this report. The historic chemical use and waste disposal practices associated with the Katoen Natie Shipping and Receiving facility were unknown and the nature and the content of the dredge material placed in the Glendale Dredge Material Placement Area was unknown and appeared to constitute a recognized environmental condition for the Property.

7.0 ENVIRONMENTAL/REGULATORY AGENCY INQUIRIES

7.1 Federal and State Regulatory Agencies

Halff contracted Geosearch of Austin, Texas to conduct a Federal and State environmental regulatory database search for the Site and surrounding area in accordance with ASTM E-1527-05 Standard Practice, including but not necessarily limited to all ASTM recommended databases and minimum search distances. Geosearch obtained these databases directly from government sources. The databases are updated on approximately quarterly intervals. Halff reviewed the environmental databases provided by Geosearch. Copies of the maps and lists are provided in Appendix D - Regulatory Review Data and Maps. A summary of the researched databases and review radii is shown in Table 3.

TABLE 3 - REGULATORY REVIEW SUMMARY

Source	Database	Description	ASTM Radius (Miles)	Property?	No. Within Radius
EPA	NPL	The National Priorities List (NPL) is a subset of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) and identifies sites for priority cleanup under the Superfund Program.	1	No	0
EPA	Delisted NPL	This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.	1/2	No	0
EPA	CERCLIS	The CERCLIS contains data on potentially hazardous waste sites that have been reported to the EPA by states, municipalities, private companies, and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites, which are either proposed to or on the NPL, and sites, which are in the screening and assessment phase for possible inclusion on the NPL.	1/2	No	0
EPA	CERCLIS - NFRAP	CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from the CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	1/2	No	0
EPA	RCRAC	The Corrective Action Report (CORRACTS) identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity.	1	No	1
EPA	RCRIS TSD	The Resource Conservation and Recovery Information System (RCRIS) includes selective information on facilities that treat, store, and/or dispose (TSD) of hazardous waste as defined by RCRA.	1/2	No	0
EPA	RCRIS Generator	The RCRIS database includes several classifications of hazardous waste generators. This also includes facilities that do not presently generate hazardous waste and are classified as a RCRA non-generator.	TP and Adj.	No	1
EPA	EC	This database includes site locations where Engineering and/or Institutional Controls (EC) have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.	TP	No	0

Source	Database	Description	ASTM Radius (Miles)	Property?	No. Within Radius
EPA	FRS	The Facility Registry System (FRS) database serves as an inventory of all facilities registered with the EPA.	TP	No	0
EPA	ERNS	The Emergency Response Notification System (ERNS) is compiled from reports of emergency responses to releases of hazardous substances, answered either by the EPA or by local emergency personnel who notified the EPA of the action.	TP	No	0
EPA	TRI	The Toxic Release Inventory System (TRI) identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III Section 313.	TP	No	0
TCEQ	SF	The Superfund Registry (states' equivalent to CERCLIS) contains information pertaining to potentially hazardous sites that have been placed on the State Priority List.	1/2	No	0
TCEQ	PST	The Petroleum Storage Tank (PST) registration database serves to track the location and number of aboveground and underground tanks under TCEQ jurisdiction.	TP and Adj.	No	1
TCEQ	LPST	The Leaking Petroleum Storage Tank (LPST) database serves to track the locations and cleanup of leaking petroleum storage tanks in Texas.	1/2	No	7
TCEQ	Spills	The Spills database is compiled from reports of emergency responses to spills or discharges of hazardous materials, answered either by the TCEQ or by local emergency personnel who notified the TCEQ of the action.	TP	No	0
TCEQ	DCR	The Dry Cleaners (DCR) database is a listing of dry cleaning facilities registered with the TCEQ.	1/2	No	0
TCEQ	SIEC01	The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination.	TP	No	0
TCEQ	VCP	The Voluntary Cleanup Program (VCP) identifies facilities, which have undertaken or completed on-site remediation activities.	1/2	No	0
TCEQ	BSA	The BSA database includes relevant information on contaminated Brownfields properties that are being cleaned.	1/2	No	0

Source	Database	Description	ASTM Radius (Miles)	Property?	No. Within Radius
TCEQ	IOP	The Innocent Owner/Operator Program (IOP) identifies facilities, which have become contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and the facility owner/operator did not cause or contribute to the source or source of contamination.	1/2	No	1
TCEQ	CALF	The Closed and Abandoned Landfill Inventory (CALF) serves as an inventory of permitted as well as unauthorized landfills that have been closed and abandoned in Texas.	1/2	No	0
TCEQ	MSWLF	The Municipal Solid Waste Facilities/Landfill Sites database serves to track solid waste disposal facilities or landfills, including active or inactive facilities and open dumps.	1/2	No	1
TCEQ	TX IHW	The Industrial and Hazardous Waste (IHW) Database contains summary reports by waste handlers, generators, and shippers in Texas.	1/4	No	4

TP = Target Property; Adj. = Adjoining

The Property was not identified in the regulatory review performed for this ESA. Seven EPA registered facilities and twelve TCEQ registered facilities were identified in the databases within the prescribed search radii for this ESA. An adjacent property to the east of the Site was identified in a non-ASTM database, the Tier II Chemical Reporting Program (Tier II), and is discussed below. Estimates of the topographic gradient in the area of the Property were obtained from the USGS Topographical Quadrangle Maps “Settegest, Texas” and “Park Place, Texas” dated 1995 and from Site observations and area reconnaissance.

TIER II

The adjacent property to the east of the central portion of the Site was identified in the Tier II database. The facility was identified as Katoen Natie Specialty Chemicals, Inc., addressed 1805 Turning Basin Drive. According to the database, the site type was listed as general warehousing and storage facilities. Chemicals reported to be stored on-site included:

- Corfree M1 – 740,000 units (units not reported)
- Dodecanedioic Acid – 740,000 units
- Ryton PPS – 200,000 units
- Titanium Dioxide – 200,000 units
- STTP – 200,000 units
- TKPP – 200,000 units

Other chemicals stored on-site with no quantities reported included:

- Undecanedioic Acid
- Sebacic Acid
- Pimelic Acid
- Polyphenylene Sulfide

- Proprietary Materials
- Aluminum Hydroxide
- Silicon Dioxide, Amorphous
- Sodium Tripolyphosphate

Based on database information and field reconnaissance the facility appeared to constitute a recognized environmental condition for the Property.

RCRAC

One facility was identified within one mile of the Property on the RCRAC database. The facility was identified as Exxon Mobil Oil 99HCP, addressed 8230 Stedman Street, and located approximately 2,800 feet to the west and cross-gradient of the Property. According to the RCRAC database, the industry classifications for the facility included petrochemical manufacturing, plastics material and resin manufacturing, soap and other detergent manufacturing, surface active agent manufacturing, and all other miscellaneous chemical product and prep. The facility was not listed as a generator of hazardous waste. Between 1987 and 2011, the facility received 21 evaluations including focused compliance inspections, on-site compliance evaluations, financial records reviews, non-financial records reviews, case development inspections, and corrective action compliance evaluations. Eighteen violations were listed between 1987 and 1997. The violations included LDR-General, TSD-General, state statute or regulation, generators-general, and generators-manifest. Eleven enforcement actions were listed between 1988 and 1997, including initial compliance, written informal, final compliance order, and verbal informal. Waste streams generated at the facility included:

- Ignitable Waste
- Reactive Waste
- Cadmium
- Chromium
- Lead
- Mercury
- Benzene
- Carbon Tetrachloride
- Chloroform
- O-Cresol
- P-Cresol
- 1, 4-Dichlorobenzene
- 1, 2-Dichlorobenzene
- 1, 1-Dichloroethylene
- Methyl Ethyl Ketone
- Pyridine
- Tetrachloroethylene
- Trichloroethylene
- Xylene
- Acetone
- Ethyl Acetate
- Ethyl Benzene
- Ethyl Ether
- Methyl Isobutyl Ketone
- N-Butyl Alcohol
- Cyclohexanone
- Methanol
- Toluene
- Carbon Disulfide
- Isobutanol
- 2-Ethoxyethanol
- 2-Nitropropane

Based on distance, and topographic gradient, this RCRAC facility did not appear to constitute a recognized environmental condition for the Property.

RCRIS/IHW

Six facilities were identified within one-eighth mile of the Property on the RCRIS and/or IHW databases. The first facility was identified as Effective Environmental, addressed 2025 Turning Basin Drive, and located approximately 300 feet to the east and down-gradient of the Property. According to the IHW database, the on-Site facility was a non-industrial and/or municipal, conditionally exempt small quantity generator of hazardous waste. The business description of the facility was listed as transportation of waste and was described as a transfer facility. The type of waste units and waste streams were not reported. No additional details were listed in the IHW database. Effective Environmental (EPA ID# TXR 000080084) was also listed in the RCRIS database. The Industry Classification was listed as general freight trucking, local. No violations or enforcement actions were listed for the facility. No additional information was provided in RCRIS database.

The second facility was identified as Smith Systems Transportation, also addressed 2025 Turning Basin Drive, and located approximately 300 feet to the east and down-gradient of the Property. According to the IHW database, the facility was a non-industrial and/or municipal, conditionally exempt small quantity generator of hazardous waste. The business description of the facility was listed as transportation and transfer of hazardous materials, waste. According to database information, the company received hazardous waste and remanifested the waste to be sent off-site. The facility was listed as a waste generator, transporter and transfer facility. The facility status was listed as inactive. The type of waste units were listed as:

- paint, lacquer, and varnish;
- Spent solid filters or absorbents;
- Inorganic solids and paint solids;
- Nonhalogenated organic solids (light bulbs); and
- Aerosol paint cans.

Smith Systems Transportation was also listed on the (EPA ID# TXR 000061382) was also listed in the RCRIS database. The Industry Classification was listed as general freight trucking, long distance and specialized freight (except used goods). The facility was listed as a conditionally exempt small quantity generator of waste. No violations or enforcement actions were listed for the facility. Waste streams reported for the facility included:

- Ignitable waste
- Cadmium
- Chromium
- Lead
- Mercury
- 1,1 Dichloroethylene
- 2,4-dinitrotoluene
- Methyl ethyl ketone
- Xylene
- Acetone
- Ethyl Acetate
- Ethyl Benzene
- Ethyl Ether
- Methyl Isobutyl Ketone
- N-Butyl Alcohol
- Cyclohexane
- Methanol
- Toluene
- Methyl Ethyl Ketone
- Carbon disulfide
- Isobutene
- Pyridine
- Benzene
- 2-Ethoxyethanol
- 2-Nitropropane

Based on database information, the RCRIS/IHW facilities did not appear to constitute a recognized environmental condition for the Property.

The third facility was identified as BASF Wyandotte (EPA ID# TXD980506638), addressed 1805 Turning Basin Drive, and located adjacent to the west and on the same gradient as the Property. According to the IHW database, the business description for the facility was reported as this registration was inactivated because this facility was registered prior to 1994 and no waste activity was reported in 1994, 1995, and 1996. The facility was not listed as a waste receiver or transporter and the status was listed as inactive. Based on database information, the IHW facility did not appear to constitute a recognized environmental condition for the Property.

The fourth facility was identified as American Industrial Technology (Registration # 86810), addressed 1717 Turning Basin Drive Suite 370, and located adjacent to the south and on the same gradient as the Property. The business description was reported in the IHW database. The facility was not listed as a waste generator or receiver, but was listed as a transporter of waste. No additional information was provided in IHW database. Based on database information, the IHW facility did not appear to constitute a recognized environmental condition for the Property.

The fifth facility was identified as ABJ Trucking (Registration # 86584), also addressed 1717 Turning Basin Drive Suite 370, and located adjacent to the south and on the same gradient as the Property. The business description was reported in the IHW database. The facility was not listed as a waste generator or receiver, but was listed as a transporter of waste. No additional information was provided in IHW database. Based on database information, the IHW facility did not appear to constitute a recognized environmental condition for the Property.

The sixth facility was identified as Dobbins Delivery Service (Registration # 86584), also addressed 1717 Turning Basin Drive Suite 370, and located adjacent to the south and on the same gradient as the Property. The business description was reported in the IHW database. The facility was not listed as a waste generator or receiver, but was listed as a transporter of waste. No additional information was provided in IHW database. Based on database information, the IHW facility did not appear to constitute a recognized environmental condition for the Property.

PST

Two PST facilities were identified adjacent to the Property. The first facility was identified as Faust Distributing, addressed 8751 Flagship. According to the PST database, two 12,000-gallon steel USTs were installed in 1980 and were reported as containing diesel. Tank construction materials were listed as single-wall steel and the piping material was listed as fiberglass reinforced plastic (FRP). According to the PST database, both USTs were removed from the ground in 2002. The facility was listed on the LPST database and is discussed further below.

The second facility was identified as Eagle Transportation, addressed 8700 Industrial. According to the PST database, one 10,000-gallon and one 6,000-gallon UST were installed in 1980. The 10,000-gallon UST was reported as containing diesel and the 6,000-gallon UST was reported as containing gasoline. Tank and pipe construction materials were listed as single-wall steel. According to the PST database, both USTs were removed from the ground in 1999. The facility was not listed on the LPST database and is discussed further below. Based on database information this PST facility did not appear to constitute a recognized environmental condition for the Property.

LPST

Eight LPST sites were identified within one-half mile of the Property. The closest facility was identified as Faust Distributing (LPST ID# 115050), addressed 8751 Flagship, and was located adjacent to the Property at the intersection of Flagship and Lanewell. According to the LPST database, a release from the PST system at this facility was reported in June 2000. The TCEQ priority for the release was listed as "groundwater impacted, no apparent threats or impacts to receptors" and the status was listed as "final concurrence issued, case closed." The status of the USTs associated with this facility was listed as "removed from ground" (6/28/2002). A file review was conducted at the TCEQ Houston office and is further discussed in Section 7.2 below. Based on proximity to the Property, this LPST facility appeared to constitute a recognized environmental condition for the Property. Based on distance and/or database information, the remaining LPST sites did not appear to constitute a recognized environmental condition for the Property.

IOP

One IOP site was identified within one-half mile of the Property. The facility was identified as Ben Robinson Company (IOP ID# 45), addressed 8658 Market Street, and was located approximately 2,600 feet northeast and slightly up-gradient of the Property. According to the

IOP database, the site was entered in to the IOP program in June 1998 and a certificate of completion was not reported. According to the IOP database, contaminants identified on-site were listed as lead and the media affected was not reported. The property use was described as a ten acre, used steel pipe yard. The phase of the project was listed as rejected. Based on distance and/or database information, the IOP facility did not appear to constitute a recognized environmental condition for the Property.

MSWLF

One MSWLF site was identified within one-half mile of the Property. The facility was identified as John E Franz (Permit #100290), addressed 8300 Buchanan Street, and was located approximately 125 feet southwest of the northwest portion of the Property. The facility type was listed as a resource recovery/recycling facility and the status was listed as active. The estimated closure date was not reported. The application was started in November 2010 and the permit was issued in March 2011. Based on database information the facility did not appear to constitute a recognized environmental condition for the Property.

7.2 Local Government Inquiries

City of Houston

Fire Department

A written request was forwarded to the Houston Fire Department (HFD) for information regarding potential environmental concerns for the Property, such as hazardous material spills, illegal dumping, and underground storage tank installations or removals. At the time of report preparation, no response had been received from the HFD. The lack of response from the HFD was identified as a minor data gap. However, due to the amount of information received from other sources, the lack of a response from the HFD does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property. Any information received from the HFD of environmental concern for the Property will be forwarded upon receipt.

Harris County Local Emergency Planning Committee (LEPC)

The LEPC serves as the local repository for facilities required to submit information on storage of hazardous materials above a minimum quantity as regulated in SARA Title III "Emergency Planning and Community Right-to-Know Act." A request for information concerning the Site and adjacent properties was forwarded to the LEPC. At the time of report preparation, no response had been received from the LEPC. The lack of response from the Harris County LEPC was identified as a minor data gap. However, due to the amount of information received from other sources, the lack of a response from the Harris County LEPC does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property. Any information received from the Harris County LEPC of environmental concern for the Property will be forwarded upon receipt.

Harris County Pollution Control

A written request was forwarded to Harris County Pollution Control (HCPC) for information regarding potential environmental concerns for the Property, such as hazardous material spills, illegal dumping, and underground storage tank installations or removals. At the time of report preparation, no response had been received from the HCPC. The lack of response from the HCPC was identified as a minor data gap. However, due to the amount of information received from other sources, the lack of a response from the HCPC does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property. Any information received from the HCPC of environmental concern for the Property will be forwarded upon receipt.

TCEQ

Region 12 Office

As part of this ESA, Halff conducted a file review for the Faust Distributing Facility addressed 8751 Flagship, located adjacent to the south of the eastern portion of the Property. The specific documents reviewed included a Texas Natural Resource Conservation Commission Petroleum Storage Tank Division Correspondence Identification Sheet dated January 2005 and a Site Closure Letter dated March 2005. According to the Site Closure Letter, "justification for final closure included, but is not limited to the following criteria:"

- Maximum soil concentrations exceed Plan A Category II levels; but are below health-based and construction worker target levels;
- Maximum groundwater concentrations exceed Plan A Category II levels, but are below the default construction worker target levels, and the site is adequately delineated; and
- Identified potential receptors do not appear threatened by this release.

Copies of the Texas Natural Resource Conservation Commission Petroleum Storage Tank Division Correspondence Identification Sheet and Site Closure Letter are presented in Appendix F.

DATA GAPS

In accordance with the standards and practices required for conducting all appropriate inquiries, ASTM 1527-05, the following data gaps were identified and Halff's opinion regarding the significance of these data gaps are summarized below:

- The inability to obtain aerial photographs in five-year intervals was identified as a minor data gap. However, due to the amount of information acquired from other sources, the lack of five-year interval coverage on the aerial photographs does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.
- Based on the historical records reviewed, the use of the Property prior to 1940 could not be established and was unknown. The earliest historical information reviewed for the Site was

dated 1944 and showed the Property to be In the professional opinion of Halff, this data failure does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property based on the surrounding land use in 1951.

- Approximately 350 feet of the Property and adjacent properties near the south end of the Site was not depicted on the 1944 aerial. This represents a data gap for this report; however, based on information received and reviewed from other sources, this data gap does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property. .
- Approximately 300 feet of the Property and adjacent properties at the south central portion of the Site was not depicted on the 1953 aerial. This represents a data gap for this report; however, based on information received and reviewed from other sources, this data gap does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.
- A User Questionnaire was provided to the Property owner in order to obtain any information pertinent to the Site that may indicate a potential for recognized environmental conditions to exist at the Site. At the time of report preparation, no response concerning the Property had been received. The lack of an User Questionnaire represents a data gap; however, due to the information obtained from other sources, this data gap does not appear to be significant and did not affect our ability to identify recognized environmental conditions.
- The lack of response from the City of Houston Fire Department, Harris County Pollution Control and the LEPC was identified as a minor data gap. However, due to the amount of information received from other sources, the lack of a response from the City of Houston Fire Department, Harris County Pollution Control and the LEPC does not appear to be significant and did not impact the ability to identify potential recognized environmental conditions associated with the Property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of City of Houston Department of public Works and Engineering Infrastructure Design Manual, Chapter 11, Geotechnical and Environmental Requirements, dated July 2012 and the ASTM E-1527-05 for the ±2.4 Miles of Drainage in the Pleasantville and Glendale Area, Houston, Harris County, Texas, (the Property). Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property except for the following:

- An adjacent property to the east of the Site (addressed 1805 Turning Basin Drive) was identified in a non-ASTM database, the Tier II Chemical Reporting Program (Tier II). The historic chemical use and waste disposal practices for the Katoen Natie facility were unknown. Evidence of a spill of unknown material was observed in the storm water and sanitary sewer lines adjacent the Property.
- A Large bermed area (±170 acres) located adjacent to the west was identified as The Port of Houston Authority Glendale Dredge Material Placement Area. Dredge material

originating from the Houston Ship Channel was placed within the bermed area for dewatering. The content of the dredge material placed in the Glendale Dredge Material Placement Area was unknown.

- Two stockpiles containing approximately 200 cubic yards of soil and rail ballast were observed on the Property west of 1825 Turning Basin Drive. The two stockpiles appeared to have been removed from an adjacent rail spur during repair/maintenance activities of the rail spur.

This assessment has revealed no evidence of *historic recognized environmental conditions* in connection with the Property except for the following:

- A former LPST facility (addressed 8751 Flagship) was located adjacent to the south of the northeastern portion of the Property. The release associated with this facility was closed in 2005 and the USTs associated with this facility were removed in 2002. The former off-site LPST facility was identified as a current recognized environmental condition for the Property.

This assessment has revealed no evidence of *de minimis* conditions in connection with the Property except for the following:

- Evidence of minor paint dumping was observed near a storm water inlet south of Guinevere Street and west of Ledwick Street.

The following is recommended for the identified *recognized environmental conditions*:

- A subsurface investigation would be necessary to determine if media at the Property have been impacted by the adjacent dredge material storage site; the release of an unknown material to the adjacent storm water and sanitary sewer system; on-Site stockpiles of soil and rail ballast; and the adjacent former LPST site.

Although not identified as RECs, HRECs, or *de minimis* conditions, the following items were identified that will likely require additional actions:

- If future demolition or renovation of the on-Site storm water and sanitary sewer lines are required, the lines should be inspected and sampled by an accredited/licensed asbestos inspector in accordance to the Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants.

9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

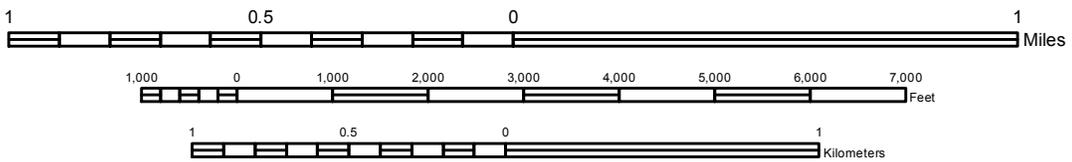
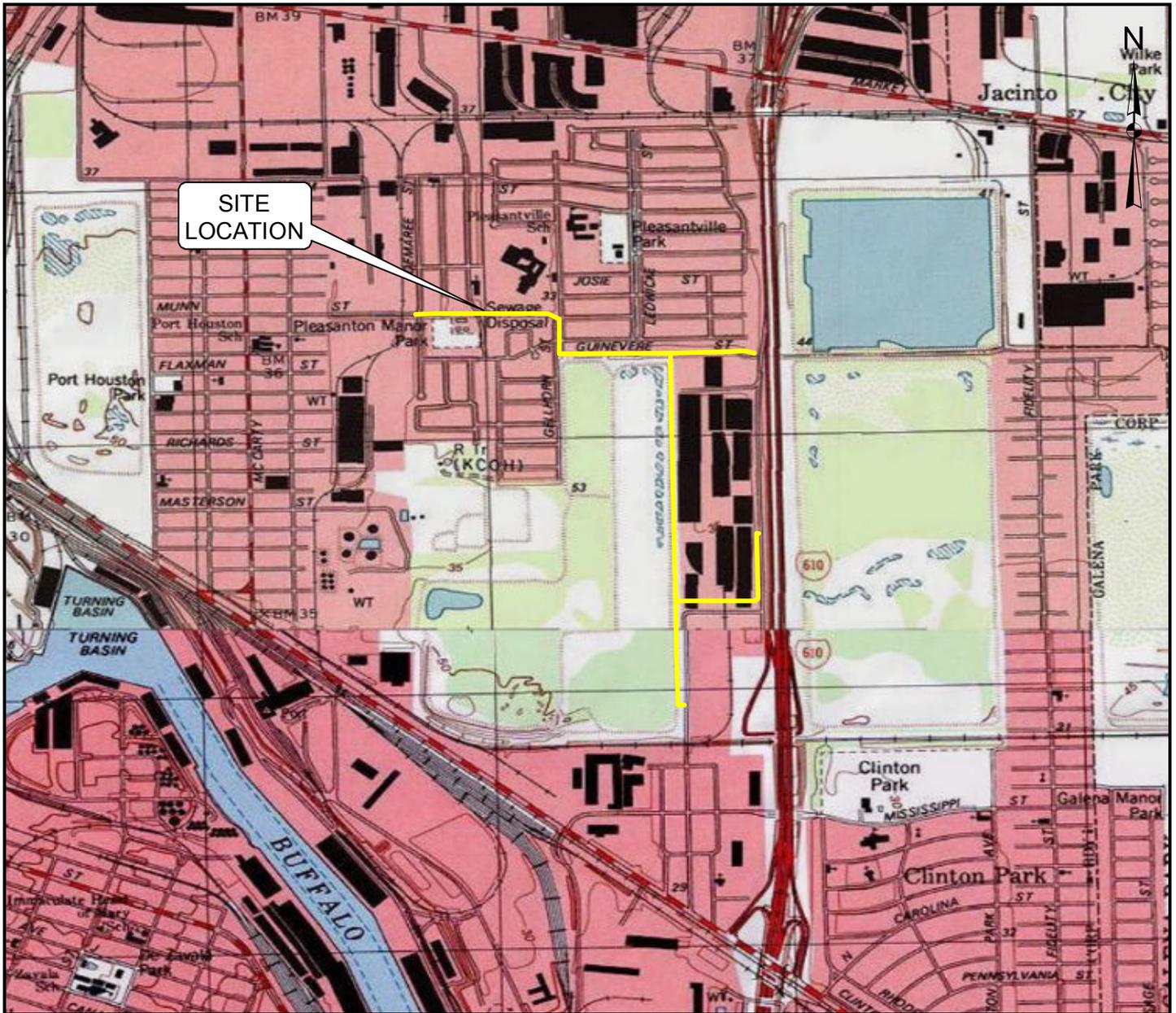
I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of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

Name: Al Brunson

Title: Environmental Scientist

Date: September 12, 2012

FIGURES



SCALE 1: 24000

CONTOUR INTERVAL 10 FEET
 DOTTED LINES REPRESENT 5-FOOT CONTOURS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

SETTEGAST QUADRANGLE

1995

PARK PLACE QUADRANGLE

1995

**TEXAS - HARRIS CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)**

FIGURE 1
LOCATION MAP

APPENDIX A
SCOPE OF WORK



April 2, 2012
1008-12-8386

Mr. Maen Hourani

Re: Phase I Environmental Site Assessment for ± 2.4 Miles of Drainage Improvements in the Pleasantville and Glendale Area, Houston, TX

Dear Mr. Hourani:

Halff Associates is pleased to submit this proposal for environmental services to perform a Phase I Environmental Site Assessment (ESA) on the property referenced above. The ESA will be conducted by our staff and is estimated to require approximately four weeks to complete the draft copy of the ESA. The final copy will be provided in approximately one week after comments are received from the City of Houston. The ESA will be performed in accordance with the American Society for Testing and Materials (ASTM) E1527-05 Standard Practice and as modified by the City of Houston Infrastructure and Design Manual, Chapter 11, Geotechnical and Environmental Requirements (July 2011) and will consist of the tasks outlined as follows:

- TASK 1:** Review selected, commercially available aerial photography of the site and adjacent area, noting any visible abnormalities during site or area development, which may indicate potential environmental problems. This typically involves examining four photographs taken at approximately 10-year intervals, depending on availability of photography for the property location. Additionally, review other standard historical sources (e.g. Sanborn Fire Insurance Maps, historical city directories, etc.) in an effort to develop the site history.
- TASK 2:** Review standard physical setting sources (e.g. U.S. Geological Survey topographic map, Federal Emergency Management Agency Flood Insurance Rate Map, U.S. Department of Agriculture Soil Survey, etc.) in an effort to determine general geologic, hydrogeologic, and topographic characteristics of the site.
- TASK 3:** Review Federal and State regulatory databases in accordance with ASTM E1527-05 Standard Practice, including but not necessarily limited to all ASTM recommended databases and minimum search distances, looking specifically for activities which could be potential sources of contamination. The databases reviewed typically include federal databases such as the Environmental Protection Agency (EPA) National Priority List, Comprehensive Environmental Response, Compensation, and Liability Information System database, Resource Conservation and Recovery Act (RCRA) Generator database, RCRA Corrective Action Report, and the Environmental Response Notification System database. Also reviewed are state databases such as the Petroleum Storage Tank (PST) Registration database, Leaking PST database, State Superfund Registry database, Solid Waste

Landfill/Disposal Site database, Closed Landfill Inventory database, Voluntary Cleanup Program database, Innocent Owner/Operator Program database, and the Spill Response database. Briefly, summarize the degree of risk posed by sites identified within the search distances. This does not include a detailed risk assessment of all pathways, receptors, exposure assessments, or dose response evaluations.

- TASK 4:** Contact local government officials in an effort to identify recognized environmental conditions on or near the subject property.
- TASK 5:** Contact current site owner/manager, a reasonable number of occupants, and past owners, operators, or occupants who are likely to have additional material information regarding the potential for contamination at the site, in an effort to identify recognized environmental conditions in connection with the property. Property owners or occupants of neighboring properties will be contacted in an effort to identify recognized environmental conditions in connection with the assessment of abandoned properties.
- TASK 6:** Visit the subject property to ascertain existing conditions. Visually survey the subject property for surface water, water wells, on-site and off-site storm water drainage, and utilities servicing or passing through the site. Perform a curbside visual survey of adjacent properties to determine land usage and existing conditions, looking specifically for activities that could be of environmental concern.
- TASK 7:** Identify any evident or obvious on-site storage or disposal facilities, such as aboveground or underground tanks, drums, impoundments, waste piles, and landfills.
- TASK 8:** Identify evident or obvious on-site treatment facilities, which handle wastewaters, solid wastes, or hazardous materials, and comment on their potential for discharge of waste materials to the environment.
- TASK 9:** Identify evident or obvious electric transformers in service at the site and visually inspect for polychlorinated biphenyl (PCB) labels and evidence of insulating fluid leakage.
- TASK 10:** Evaluate the regulatory status and compliance/complaint history of on-site facilities identified during Tasks 1 through 9 based on the federal, state, and local information gathered.
- TASK 11:** Prepare an ESA report, summarizing the activities conducted and the information gathered in Tasks 1 through 10, listing any comments and recommendations regarding the subject property. Data gaps will be identified in the report and an opinion will be provided whether those data gaps affect the environmental professional's ability to identify recognized environmental conditions on the property. Halff Associates will provide two copies of the ESA report.

Compensation

The total fee for the ESA that includes the work described in the tasks outlined above will not exceed [REDACTED] without your authorization. It has been assumed that the site will be accessible, and the owner/client will provide site access. It has been assumed that the user will provide information regarding the environmental cleanup liens, activity use limitations (AULs), specialized knowledge, the purchase price compared to the fair market value of the property, an assessment of commonly known or reasonably ascertainable information about the property, and/or indications of the presence or likely presence of contamination on the property as detailed in the attached *User Questionnaire*.

Phase I ESAs are relatively modest investigations of the conditions that exist at a given site at the time the observations are made. Typically, only visual observations of the condition of the site are made principally to determine if investigations that are more detailed are justified. An investigation of the site conducted in a few hours can fail to detect problems that may exist at that location. Additional services that can be performed, but which are not within the scope of work for the Phase I ESA include:

- Water sampling and analysis;
- Testing of building materials;
- Testing for asbestos-containing materials;
- Testing for lead-based paint;
- Soil borings and hydrogeological analysis;
- Ambient air sampling and dispersion modeling;
- High-volume air sampling for various contaminants;
- Storm water sampling and analysis;
- Underground storage tank testing and remediation;
- Wetland assessments;
- Researching title records for environmental liens or activity and use limitations;
- Federal and state regulatory agency file review;
- Site clean-up and remediation; and
- Evaluation of permitting requirements.

We hope that you will find the above satisfactory and we appreciate the opportunity to be of service to you. A copy of the ASTM 1527-05 *User Questionnaire* is also attached as part of this proposal. The user must provide the information identified in the questionnaire, if available, to the environmental professional to qualify for the *Landowner Liability Protections* offered by the “*Brownfields Amendments*.” Halff Associates would also benefit from a site map and boundary survey for the site, and any previous geotechnical (soils) or environmental studies. These materials can be returned to you immediately upon completion of the assessment, if necessary.



Unless otherwise stated, fees quoted in this proposal exclude state and federal sales taxes on professional services. Current Texas law requires assessment of sales tax on certain kinds of surveying services, but does not require sales taxes on other professional services. In the event that new or additional state or federal taxes are implemented on the professional services provided under this contract during the term of the work, such taxes will be added to the applicable billings and will be in addition to the quoted fees.

Halff Associates is a multi-disciplinary engineering firm providing a wide range of services including civil and environmental engineering, planning, and surveying. If we can furnish additional information, please feel free to call.

Thank you for your consideration of Halff Associates.

Sincerely,

HALFF ASSOCIATES, INC.

A handwritten signature in blue ink that reads "Al Brunson".

Al Brunson
Environmental Scientist

Authorized by: _____

Date: _____

attachment

APPENDIX B
AERIAL PHOTOGRAPHS



1944 AERIAL PHOTOGRAPH

1 inch = 700 feet



1953 AERIAL PHOTOGRAPH

1 inch = 700 feet



1969 AERIAL PHOTOGRAPH

1 inch = 700 feet



1979 AERIAL PHOTOGRAPH

1 inch = 700 feet



1989 AERIAL PHOTOGRAPH

1 inch = 700 feet



Clinton

2004 AERIAL PHOTOGRAPH

1 inch = 700 feet



2010 AERIAL PHOTOGRAPH

1 inch = 700 feet

APPENDIX C
SITE PHOTOGRAPHS



Photograph 1 - Looking east, view of the City of Houston (CoH) Right of Way (ROW from Munn and Demaree Streets, Pleasantville and Glendale area, Houston, Harris County Texas.



Photograph 2 – Looking east, view of CoH ROW adjacent to the south of Pleasanton Park.



Photograph 3 - Looking south, view CoH ROW along Gellhorn Street.



Photograph 4 - Looking east, view of the CoH ROW south of Guinevere Street and north of the Port of Houston Authority Glendale Dredge Material Placement Area.



Photograph 5 – Looking east, view of minor paint dumping near a storm water inlet south of Guinevere Street.



Photograph 6 – Looking south, view of the Port of Houston Authority Glendale Dredge Material Placement Area located adjacent to the south and west of the Property.



Photograph 7 – Looking south, view of CoH ROW along Maxine Street ROW. Tires, construction debris, broken concrete, and household debris were observed in the ROW.



Photograph 8 – View of construction debris within the CoH ROW.



Photograph 9 – View of dumped tires with the CoH ROW.



Photograph 10 – Looking south, view of a rail road spur serving Katoen Natie Shipping Receiving facility addressed 1905 Turning Basin Road.



Photograph 11 – View of spilled material from rail car into a CoH storm water drain west of the Katoen Natie facility.



Photograph 12 – View of a damaged sanitary sewer manhole located west of the Katoen Natie facility.



Photograph 13 – View of the interior of the broken Sanitary Sewer manhole.



Photograph 14 – View of second damaged sanitary sewer manhole covered with plywood west of the Katoen Natie facility. Spilled material from a rail car was observed on the plywood.



Photograph 15 – Looking east-southeast, view of stockpiled soil and rail ballast located on CoH ROW west of 1825 Turning Basin Road.



Photograph 16 – View of water entering a storm water drain located in the CoH Row west of 8700 Turning Basin Road. At the time of the Site visit the source of water could not be determined.



Photograph 17 – View of trash and household debris near a storm water drain near the intersection of Maxine and Industrial.



Photograph 18 – Looking south, view of CoH ROW along the east side of Maxine.

APPENDIX D

REGULATORY REVIEW DATA & MAPS



GeoPlus Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000041884>

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

Target Property:

**City of Houston - Pleasantville Drainage
Improvements
Houston, Harris County, Texas 77029**

Prepared For:

Halff & Associates Houston

Order #: 17879

Job #: 41884

Project #: 28052

Date: 05/11/2012

TARGET PROPERTY SUMMARY

City of Houston - Pleasantville Drainage Improvements
Houston, Harris County, Texas 77029

USGS Quadrangle: **Settegast, TX**

Target Property Geometry: **Corridor**

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

(-95.277658, 29.761151), (-95.272658, 29.761151), (-95.272658, 29.761863), (-95.272640, 29.759782), (-95.266089, 29.759855), (-95.265687, 29.759728), (-95.266052, 29.759819), (-95.268662, 29.759819), (-95.268607, 29.750567), (-95.265669, 29.750677), (-95.265742, 29.753742), (-95.265669, 29.750658), (-95.268607, 29.750567), (-95.268425, 29.747520)

County/Parish Covered:

Harris (TX)

Zipcode(s) Covered:

Galena Park TX: 77547

Houston TX: 77012, 77020, 77029

State(s) Covered:

TX

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

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

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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	1	0	Target Property
BIENNIAL REPORTING SYSTEM	BRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	Target Property
EPA DOCKET DATA	DOCKETS	0	0	Target Property
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	Target Property
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRSTX	3	0	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRS06	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	Target Property
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	Target Property
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDES06	0	0	Target Property
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	Target Property
RCRA SITES WITH CONTROLS	RCRASC	0	0	Target Property
CERCLIS LIENS	SFLIENS	0	0	Target Property
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	Target Property
TOXICS RELEASE INVENTORY	TRI	0	0	Target Property
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	Target Property
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	Target Property and Adjoining
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES	RCRAGR06	2	0	Target Property and Adjoining
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	CERCLIS	0	0	0.5000
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	0.5000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
NO FURTHER REMEDIAL ACTION PLANNED SITES	NFRAP	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
OPEN DUMP INVENTORY	ODI	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	1.0000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	1	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		7	0	

STATE (TX)

GROUNDWATER CONTAMINATION CASES	GWCC	0	0	Target Property
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	Target Property
TCEQ LIENS	LIENS	0	0	Target Property
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	Target Property
NOTICE OF VIOLATIONS	NOV	0	0	Target Property
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	Target Property
SPILLS LISTING	SPILLS	0	0	Target Property
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	7	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	3	0	0.2500



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IOP	1	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	8	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	1	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
TIER II CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	20	1	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
STATE SUPERFUND SITES	SF	1	0	1.0000
SUB-TOTAL		41	1	

TRIBAL

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

TOTAL		48	1	
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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<u>FEDERAL</u>								
AIRSAFS	1	.0200	0	0	0	0	NS	1
BRS		.0200	0	0	0	0	NS	0
CDL		.0200	0	0	0	0	NS	0
DOCKETS		.0200	0	0	0	0	NS	0
EC		.0200	0	0	0	0	NS	0
ERNSTX		.0200	0	0	0	0	NS	0
FRSTX	3	.0200	0	0	0	0	NS	3
HMIRSR06		.0200	0	0	0	0	NS	0
ICIS		.0200	0	0	0	0	NS	0
ICISNPDES		.0200	0	0	0	0	NS	0
MLTS		.0200	0	0	0	0	NS	0
NPDES06		.0200	0	0	0	0	NS	0
PADS		.0200	0	0	0	0	NS	0
PCSR06		.0200	0	0	0	0	NS	0
RCRASC		.0200	0	0	0	0	NS	0
SFLIENS		.0200	0	0	0	0	NS	0
SSTS		.0200	0	0	0	0	NS	0
TRI		.0200	0	0	0	0	NS	0
TSCA		.0200	0	0	0	0	NS	0
NLRRCRAG		.1250	0	0	0	0	NS	0
RCRAGR06		.1250	2	0	0	0	NS	2
BF		.5000	0	0	0	0	NS	0
CERCLIS		.5000	0	0	0	0	NS	0
LUCIS		.5000	0	0	0	0	NS	0
NFRAP		.5000	0	0	0	0	NS	0
NLRRCRAT		.5000	0	0	0	0	NS	0
ODI		.5000	0	0	0	0	NS	0



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RCRAT		.5000	0	0	0	0	NS	0
DNPL		1.000	0	0	0	0	NS	0
DOD		1.000	0	0	0	0	NS	0
FUDS		1.000	0	0	0	0	NS	0
NLRRCRAC		1.000	0	0	0	0	NS	0
NPL		1.000	0	0	0	0	NS	0
PNPL		1.000	0	0	0	0	NS	0
RCRAC		1.000	0	0	0	1	NS	1
RODS		1.000	0	0	0	0	NS	0
SUB-TOTAL	4		2	0	0	1	0	7

STATE (TX)

GWCC		.0200	0	0	0	0	NS	0
HISTGWCC		.0200	0	0	0	0	NS	0
LIENS		.0200	0	0	0	0	NS	0
MSD		.0200	0	0	0	0	NS	0
NOV		.0200	0	0	0	0	NS	0
SIEC01		.0200	0	0	0	0	NS	0
SPILLS		.0200	0	0	0	0	NS	0
DCR		.2500	0	0	0	0	NS	0
IHW	1	.2500	6	0	0	0	NS	7
PIHW		.2500	0	0	0	0	NS	0
PST		.2500	2	1	0	0	NS	3
APAR		.5000	0	0	0	0	NS	0
BSA		.5000	0	0	0	0	NS	0
CALF		.5000	0	0	0	0	NS	0
IOP		.5000	0	0	1	0	NS	1
LPST		.5000	1	0	7	0	NS	8



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
MSWLF		.5000	0	1	0	0	NS	1
RRCVCP		.5000	0	0	0	0	NS	0
RWS		.5000	0	0	0	0	NS	0
TIERII	1	.5000	2	0	17	0	NS	20
VCP		.5000	0	0	0	0	NS	0
WMRF		.5000	0	0	0	0	NS	0
SF		1.000	0	0	0	1	NS	1
SUB-TOTAL	2		11	2	25	1	0	41

TRIBAL

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

TOTAL	6		13	2	25	2	0	48
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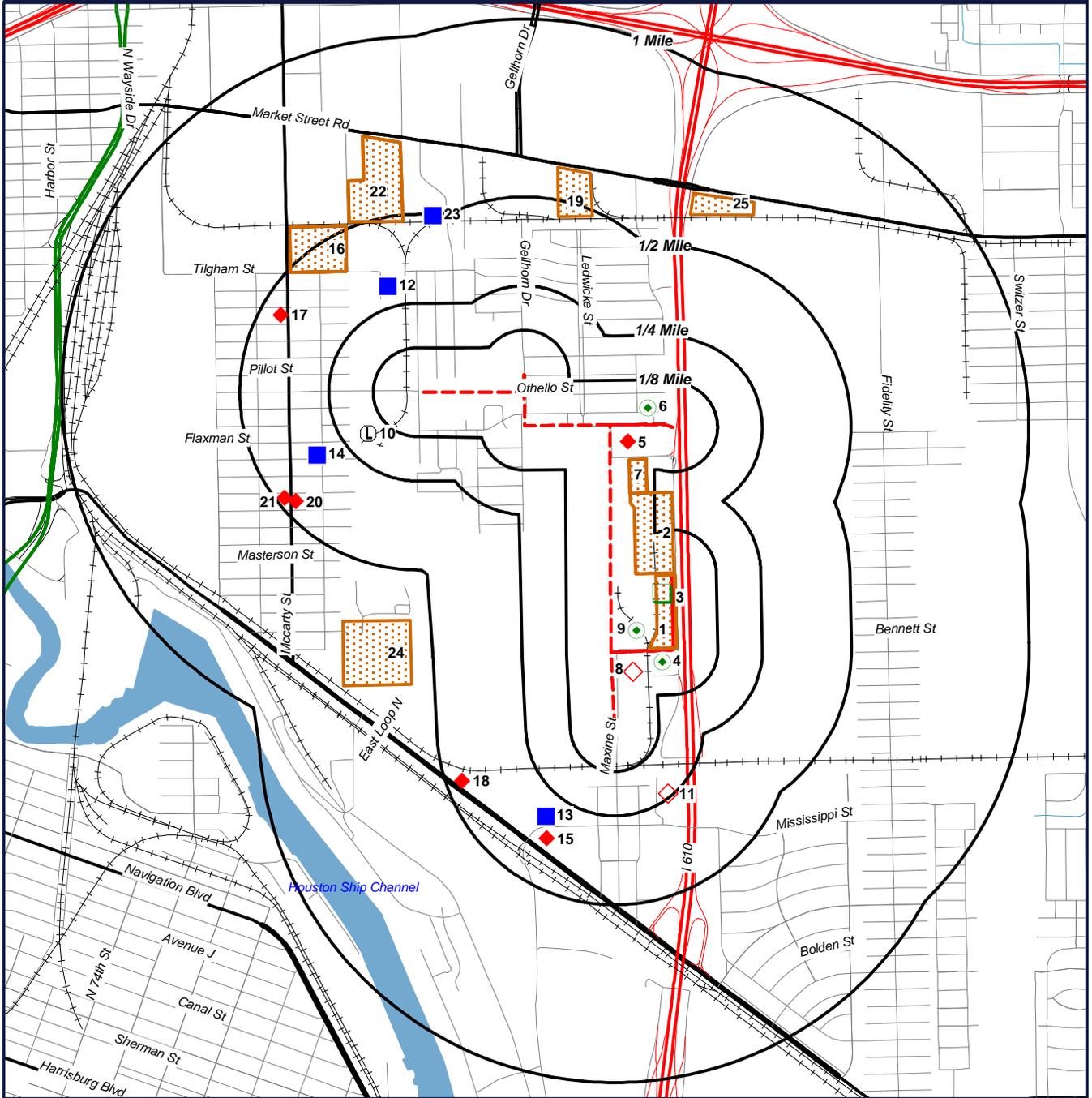
NOTES:

NS = NO SEARCH REQUESTED BY CUSTOMER



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RADIUS MAP



**City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029**

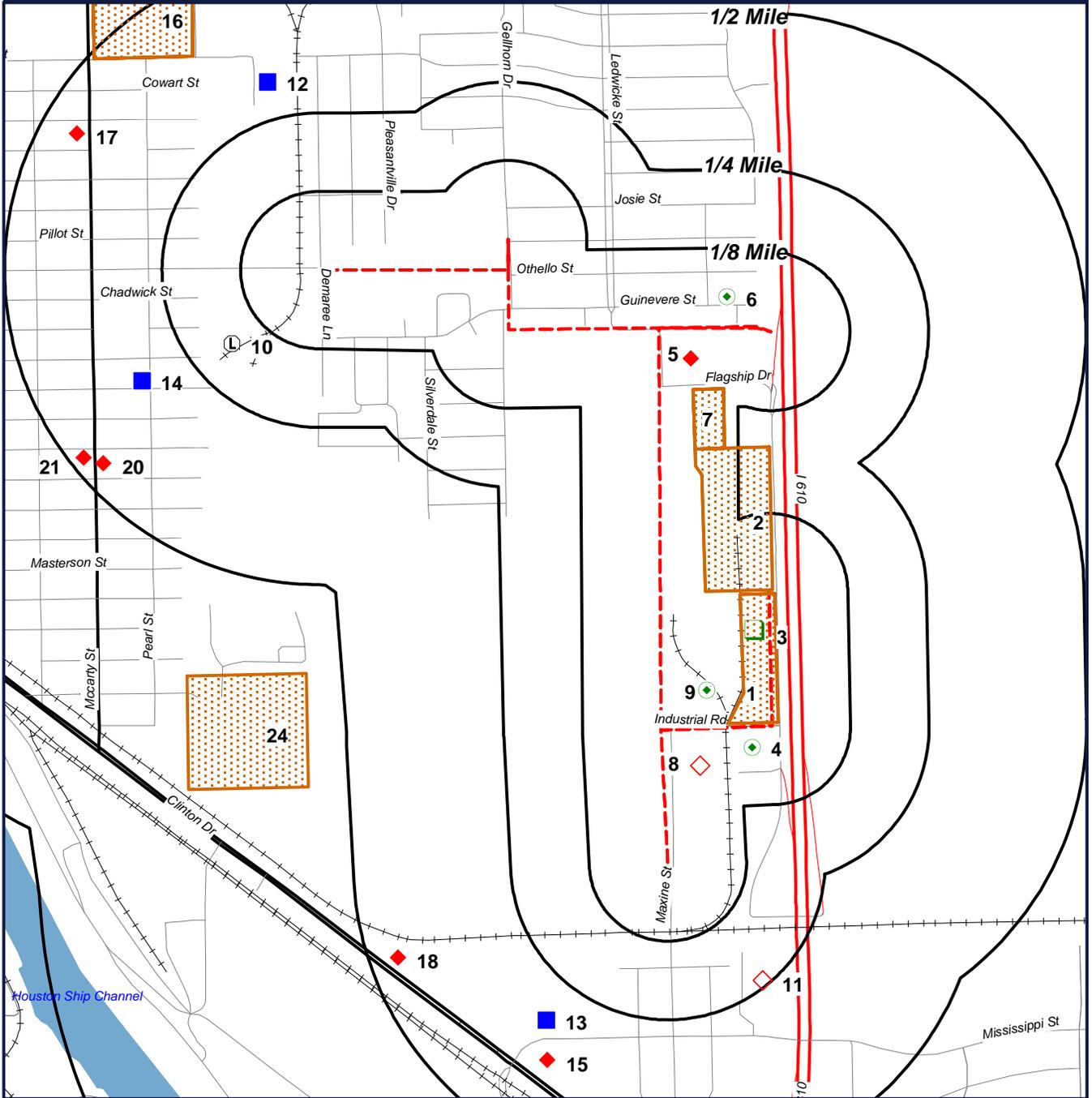
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- TIERII
- FRSTX
- IHW
- AIRSAFS
- FRSTX
- IHW
- LPST
- RCRAGR06
- PST
- MSWLF
- TIERII
- LPST
- IOP
- RCRAC
- SF



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RADIUS MAP



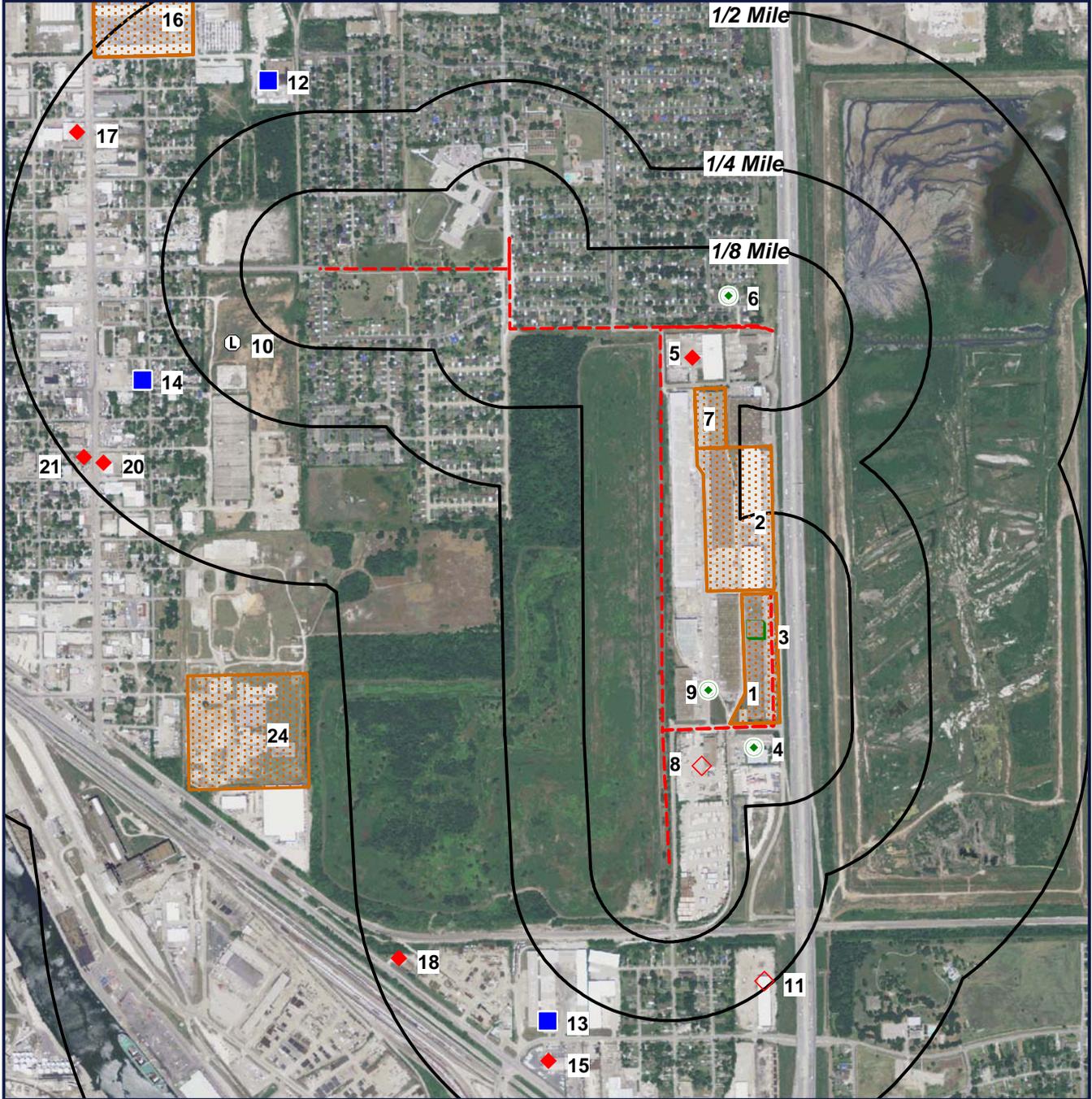
- Target Property (TP)
- TIERII
- FRSTX
- IHW
- AIRSAFS
- FRSTX
- IHW
- LPST
- RCRAGR06
- PST
- MSWLF
- TIERII
- LPST
- IOP
- RCRAC
- SF

**City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029**



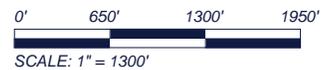
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ORTHOPHOTO MAP



- | | |
|----------------------|--------|
| Target Property (TP) | PST |
| TIERII | TIERII |
| FRSTX | MSWLF |
| IHW | LPST |
| AIRSAFS | IOP |
| FRSTX | RCRAC |
| IHW | SF |
| LPST | |
| RCRAGR06 | |

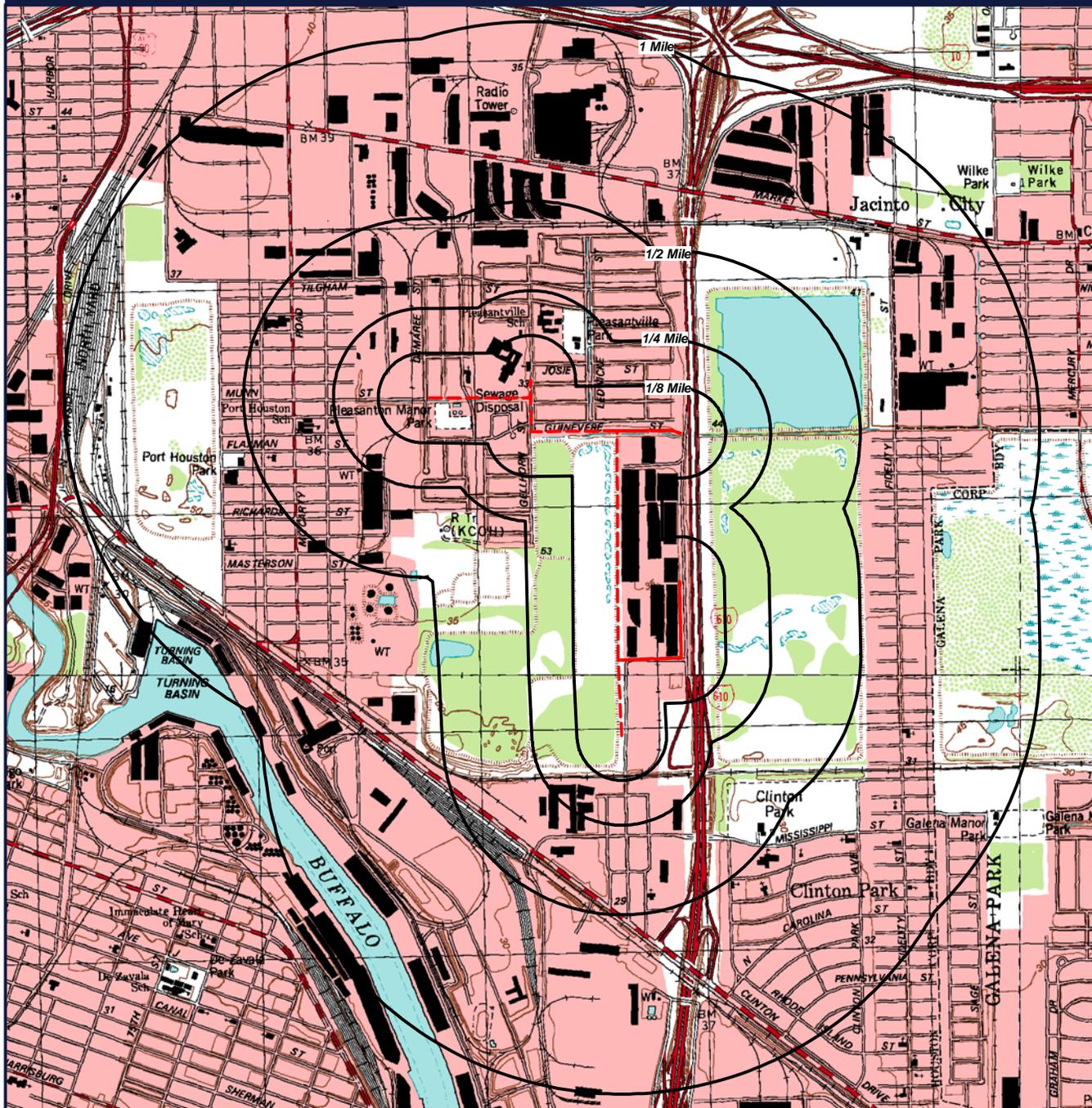
Quadrangle(s): Settegast, Park
Place
Source: USDA (2010)
City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029



GeoSearch

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TOPOGRAPHIC MAP



Target Property (TP)

Quadrangle(s): Settegast, Park
Place
Source: USGS, 2000
City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	TIERII	7QUEZ500269P	0.001 S	KATOEN NATIE SPECIALTY CHEMICALS, INC.	1805 TURNING BASIN DRIVE, SUITE 100	HOUSTON, 77029	1
1	FRSTX	110005076951	0.001 S	BASF WYANDOTTE CORP HOUSTON	1805 TURNING BASIN BLDG 2	HOUSTON, 77029-4051	3
1	IHW	71163	0.001 S	BASF WYANDOTTE HOUSTON	1805 TURNING BASIN, BLDG 2	HOUSTON, 77029	4
2	FRSTX	110001870020	0.010 NW	ENERGY VALUE INCORPORATED	1915 TURNING BASIN SUITE 514	HOUSTON, 77001	5
2	AIRSAFS	4820101341	0.010 NW	ENERGY VALUE INCORPORATED	1915 TURNING BASIN SUITE 514	HOUSTON, 77001	6
3	FRSTX	110041745662	0.020 W	IIG MINWOOL	2005 TURNING BASIN DR STE 600	HOUSTON, 770294040	7
4	IHW	86810	0.040 SE	AMERICAN INDUSTRIAL TECHNOLOGY	1717 TURNING BASIN, STE 370	HOUSTON, 77029	8
4	IHW	86584	0.040 SE	ABJ TRUCKING	1717 TURNING BASIN DR, STE 370	HOUSTON, 77029	9
5	PST	0011740	0.050 S	FAUST DC LTD	8751 FLAGSHIP DR	HOUSTON, 77029	10
5	LPST	115050	0.050 S	FAUST DISTRIBUTING	8751 FLAGSHIP DR	HOUSTON, 77029	12
6	IHW	40084	0.050 N	DOBBINS DELIVERY SERVICE	8767 GUINEVERE	HOUSTON, 77029	13
7	IHW	89059	0.060 NE	EFFECTIVE ENVIRONMENTAL	2025 TURNING BASIN	HOUSTON, 77029	14
7	RCRAGR06	TXR000061382	0.060 NE	SMITH SYSTEMS TRANSPORTATION	2025 TURNING BASIN DR STE 818	HOUSTON, 770292455	15
7	RCRAGR06	TXR000080084	0.060 NE	EFFECTIVE ENVIRONMENTAL INC	2025 TURNING BASIN	HOUSTON, 77029	17
7	IHW	87682	0.060 NE	SMITH SYSTEMS TRANSPORTATION	2025 TURNING BASIN DR, STE 818	HOUSTON, 77029	18
8	PST	0034465	0.060 S	EAGLE TRANSPORTATION	8700 INDUSTRIAL DR	HOUSTON, 77029	20
9	TIERII	6C7ZGR0025A4	0.070 NE	NORTH SAFETY PRODUCTS BY HONEYWELL	1819 TURNING BASIN # 918	HOUSTON, 77029	22
9	TIERII	7R8B55007GN7	0.070 NE	HONEYWELL SAFETY PRODUCTS	1819 TURNING BASIN DR #918	HOUSTON, 77029	23
9	IHW	71765	0.070 NE	SOUTHWESTERN BELL TELEPHONE	1819 TURNING BASIN DR, CONTACT H	HOUSTON, 77029	24
10	MSWLF	100290	0.190 SW	JOHN E FRANTZ	8300 BUCHANAN ST HOUSTON, TX 77029	HOUSTON, 77029-3904	25
11	PST	0074317	0.250 SE	BEST PAK WAREHOUSE	1415 EAST LOOP N	HOUSTON, 77029	26
12	TIERII	718RJ4002GNY	0.320 N	BLENTech CORPORATION	1305 RYE ST	HOUSTON, 77029	28
12	TIERII	5MJFWF002J51	0.320 N	BLENTech CORP	1305 RYE ST	HOUSTON, 77029	36



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
12	TIERII	6B4VK80027EK	0.320 N	BLENTech CORPORATION	1305 RYE ST	HOUSTON, 77029	45
12	TIERII	48NGVV002LQA	0.320 N	BLENTech CORP	1305 RYE ST	HOUSTON, 77029	53
12	TIERII	7QBGNW002AB0	0.320 N	BLENTech CORP	1305 RYE ST	HOUSTON, 77029	62
12	TIERII	4Y29ZU002855	0.320 N	BLENTech CORPORATION	1305 RYE ST	HOUSTON, 77029	70
13	TIERII	7RCWP00SNZ9	0.320 SW	STORAGE AND PROCESSORS, INC.	8815 MISSISSIPPI STREET	HOUSTON, 77029	79
14	TIERII	7RCZQ901ZDSA	0.340 SW	MIDSTATE ENVIRONMENTAL SERVICES HOUSTON	8129 FILMORE ST.	HOUSTON, 77029	80
15	LPST	104386	0.380 SW	GULF STATE TOYOTA	8806 MISSISSIPPI	HOUSTON, 77029	81
16	TIERII	6C8CMU0060SM	0.400 NW	MORRIS EXPORT CRATING COMPANY	1225 MCCARTY DRVIE	HOUSTON, 77029	82
16	TIERII	5NS240002E68	0.400 NW	MORRIS EXPORT CRATING COMPANY	1225 MCCARTY DRIVE	HOUSTON, 77029	83
16	TIERII	4XW29E0025HV	0.400 NW	MORRIS EXPORT CRATING COMPANY	1225 MC CARTY DRIVE	HOUSTON, 77029	84
16	TIERII	71Q11F002FUQ	0.400 NW	MORRIS EXPORT CRATING COMPANY	1225 MCCARTY DRIVE	HOUSTON, 77029	85
16	TIERII	7R7YNB002YMZ	0.400 NW	MORRIS EXPORT CRATING COMPANY	1225 MCCARTY DRIVE	HOUSTON, 77029	86
16	LPST	100656	0.400 NW	MOMS EXPORT CRATING	1225 MCCARTY	HOUSTON, 77029	87
17	LPST	093793	0.450 NW	THE HEITMAN CO INC	1422 MCCARTY	HOUSTON, 77029	88
18	LPST	094497	0.460 W	PORT OF HOUSTON AUTHORITY	8515 CLINTON DR	HOUSTON, 77029	89
19	IOP	45	0.460 N	BEN ROBINSON COMPANY	8658 MARKET STREET	HOUSTON	90
20	LPST	118356	0.470 SW	COMMERCIAL PROPERTY	2005 MCCARTY RD	HOUSTON, 77007	91
21	LPST	105622	0.490 SW	ALS TIRE REPAIR	2010 MCCARTY RD	HOUSTON, 77029	92
22	TIERII	26FVGC016UX5	0.490 N	OWENS CORNING ROOFING & ASPHALT LLC	8360 MARKET STREET	HOUSTON, 77029	93
22	TIERII	6C18HY002CPM	0.490 N	OWENS CORNING HOUSTON ROOFING AND ASPHAL	8360 MARKET STREET ROAD	HOUSTON, 77029	96
22	LPST	094107	0.490 N	OWENS CORNING FIBERGLASS ALPHALT	8360 MARKET	HOUSTON, 77011	101
23	TIERII	4B946B02N1H7	0.500 N	HUDSON TECHNOLOGIES COMPANY	960 PLEASANTVILLE	HOUSTON, 77029	102
23	TIERII	4XAGF6002TY1	0.500 N	HUDSON TECHNOLOGIES COMPANY	960 PLEASANTVILLE	HOUSTON, 77029	103



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
24	RCRAC	TXD082684002	0.570 W	EXXON MOBIL OIL 99HCP	8230 STEDMAN ST	HOUSTON, 770293928	105
25	SF	TXD990706145	0.600 N	FEDERATED METALS	9200 MARKET STREET	HOUSTON, HARRIS COUNTY, 77029	109



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 1

Distance from Property: 0.00 mi. S

SITE INFORMATION

UNIQUE ID: 7QUEZ500269P

SITE ID: FATR20107QUEZ500269P

NAME: KATOEN NATIE SPECIALTY CHEMICALS, INC.

ADDRESS: 1805 TURNING BASIN DRIVE, SUITE 100
HOUSTON, TX 77029

SIGNED DATE: 2/21/2011

VALIDATION REPORT: NOT REPORTED

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

SITE TYPE: GENERAL WAREHOUSING AND STORAGE FACILITIES

CHEMICAL LOCATION:

RAIL SPUR WEST OF WAREHOUSE

CHEMICAL AMOUNT: 540000 POUNDS

CHEMICAL LOCATION:

WAREHOUSE

CHEMICAL AMOUNT: 200000 POUNDS

CHEMICAL LOCATION:

WAREHOUSE

CHEMICAL AMOUNT: 75000 POUNDS

CHEMICAL NAME: CORFREE M1

MAXIMUM AMOUNT: 740,000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: DODECANEDIODIC ACID

MAXIMUM AMOUNT: 740000 UNITS (value of unit not provided by reporting agency)

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

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: RYTON PPS

MAXIMUM AMOUNT: 200,000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: TITANIUM DIOXIDE PIGMENT

MAXIMUM AMOUNT: 200,000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: STTP

MAXIMUM AMOUNT: 200000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **TKPP**

MAXIMUM AMOUNT: **200,000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

MIXTURE CHEMICAL: **UNDECANEDIODIC ACID**

MIXTURE CHEMICAL: **DODECANEDIODIC ACID**

MIXTURE CHEMICAL: **SEBACIC ACID**

MIXTURE CHEMICAL: **SUBARIC ACID**

MIXTURE CHEMICAL: **PIMELIC ACID**

MIXTURE CHEMICAL: **POLYPHENYLENE SULFIDE**

MIXTURE CHEMICAL: **PROPRIETARY MATERIALS**

MIXTURE CHEMICAL: **TITANIUM DIOXIDE**

MIXTURE CHEMICAL: **ALUMINUM HYDROXIDE**

MIXTURE CHEMICAL: **SILICON DIOXIDE, AMORPHOUS**

MIXTURE CHEMICAL: **SODIUM TRIPOLYPHOSPHATE**

FACILITY REGISTRY SYSTEM (FRSTX)

MAP ID# 1

Distance from Property: 0.00 mi. S

FACILITY INFORMATION

REGISTRY ID: 110005076951

NAME: **BASF WYANDOTTE CORP HOUSTON**

LOCATION ADDRESS: **1805 TURNING BASIN BLDG 2**

HOUSTON , TX 77029-4051

COUNTY: **HARRIS**

EPA REGION: **06**

FEDERAL FACILITY: **NO DATA PROVIDED**

TRIBAL LAND: **NO DATA PROVIDED**

ALTERNATIVE NAME/S:

BASF WYANDOTTE CORP/HOUSTON DISTRIBUTION

PROGRAM/S LISTED FOR THIS FACILITY

RCRAINFO - RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED



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INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 1

Distance from Property: 0.00 mi. S

FACILITY INFORMATION

REGISTRATION #: 71163 EPA ID: TXD980506638

TNRCC ID #: 025831

NAME: **BASF WYANDOTTE HOUSTON**

ADDRESS: **1805 TURNING BASIN, BLDG 2
HOUSTON, TX**

CONTACT: **ENVIRONMENTAL MANAGER**

PHONE: **NOT REPORTED**

BUSINESS DESCRIPTION: **THIS REGISTRATION WAS INACTIVATED BECAUSE THIS FACILITY WAS REGISTERED PRIOR TO 1994
AND NO WASTE ACTIVITY WAS REPORTED IN 1994, 1995 AND 1996.**

INDUSTRIAL WASTE PERMIT #: **NOT REPORTED**

MUNICIPAL WASTE PERMIT #: **NOT REPORTED**

SIC CODE: **99990**

WASTE GENERATOR: **YES**

WASTE RECEIVER: **NO**

WASTE TRANSPORTER: **NO**

TRANSFER FACILITY: **NO**

MAQUILADORA (MEXICAN FACILITY): **NO**

STATUS: **INACTIVE**

AMOUNT OF WASTE GENERATED: **NOT A HW GENERATOR**

GENERATOR TYPE: **NOT REPORTED**

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): **12/03/2003**

ACTIVITIES

ACTIVITY TYPE: **UNKNOWN**

ACTIVITY DESCRIPTION: **NOT REPORTED**

WASTE

NO RECORDS

OWNER INFORMATION

NAME: **BASF WYANDOTTE CORPORATION**

ADDRESS: **1805 TURNING BASIN, BLDG 2
HOUSTON, TX 77029**

PHONE: **NOT REPORTED**

FACILITY REGISTRY SYSTEM (FRSTX)

MAP ID# 2

Distance from Property: 0.01 mi. NW

FACILITY INFORMATION

REGISTRY ID: 110001870020

NAME: ENERGY VALUE INCORPORATED

LOCATION ADDRESS: 1915 TURNING BASIN SUITE 514

HOUSTON , TX 77001

COUNTY: HARRIS

EPA REGION: 06

FEDERAL FACILITY: NO DATA PROVIDED

TRIBAL LAND: NO DATA PROVIDED

ALTERNATIVE NAME/S:

ENERGY VALUE INCORPORATED

ENERGY VENTURES,INC.&SUBSIDIARIES

PROGRAM/S LISTED FOR THIS FACILITY

AIRS/AFS - AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIRS FACILITY SYSTEM

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

3494 - VALVES AND PIPE FITTINGS, NOT ELSEWHERE CLASSIFIED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED



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AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM (AIRSAFS)

MAP ID# 2

Distance from Property: 0.01 mi. NW

SITE INFORMATION

ID#: 4820101341

NAME: ENERGY VALUE INCORPORATED

ADDRESS: 1915 TURNING BASIN SUITE 514
HOUSTON, TX

CLASSIFICATION: POTENTIAL UNCONTROLLED EMISSIONS<100 TONS/YEAR

OPERATING STATUS: OPERATING

PRIMARY SIC CODE: 3494 - ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURING METAL VALVES AND PIPE FITTINGS,
NOT ELSEWHERE CLASSIFIED, SUCH AS PLUMBING AND HEATING VALVES, AND PIPE FITTINGS,
FLANGES, AND UNIONS, EXCEPT FROM PURCHASED PIPES.

EPA COMPLIANCE STATUS: IN COMPLIANCE - CERTIFICATION

ENFORCEMENT ACTIONS

DATE: PROGRAM:

ACTION TYPE: -



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FACILITY REGISTRY SYSTEM (FRSTX)

MAP ID# 3

Distance from Property: 0.02 mi. W

FACILITY INFORMATION

REGISTRY ID: 110041745662

NAME: **IIG MINWOOL**

LOCATION ADDRESS: **2005 TURNING BASIN DR STE 600
HOUSTON , TX 770294040**

COUNTY: **HARRIS**

EPA REGION: **06**

FEDERAL FACILITY: **NO DATA PROVIDED**

TRIBAL LAND: **NO DATA PROVIDED**

ALTERNATIVE NAME/S:

IIG MINWOOL

PROGRAM/S LISTED FOR THIS FACILITY

TX-TCEQ ACR - TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - AGENCY CENTRAL REGISTRY

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

3296 - MINERAL WOOL

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED



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INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 4

Distance from Property: 0.04 mi. SE

FACILITY INFORMATION

REGISTRATION #: 86810 EPA ID: NOT REPORTED

TNRCC ID #: 113503

NAME: AMERICAN INDUSTRIAL TECHNOLOGY

ADDRESS: 1717 TURNING BASIN, STE 370

HOUSTON, TX

CONTACT: TRACY BYAS

PHONE: 713-670-8881

BUSINESS DESCRIPTION: NOT REPORTED

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: 42120

WASTE GENERATOR: NO

WASTE RECEIVER: NO

WASTE TRANSPORTER: YES

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: MERGED

AMOUNT OF WASTE GENERATED: NOT REPORTED

GENERATOR TYPE: NOT REPORTED

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 07/24/2002

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

NO RECORDS

OWNER INFORMATION

NAME: AMERICAN INDUSTRIAL TECHNOLOGY

ADDRESS: 1717 TURNING BASIN, STE 370

HOUSTON, TX 77029

PHONE: 713-670-8881

INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 4

Distance from Property: 0.04 mi. SE

FACILITY INFORMATION

REGISTRATION #: 86584 EPA ID: TXR000039644

TNRCC ID #: 112087

NAME: **ABJ TRUCKING**

ADDRESS: **1717 TURNING BASIN DR, STE 370
HOUSTON, TX**

CONTACT: **JUAN H BONILLA**

PHONE: **281-933-7330 CEL 832-754-4713**

BUSINESS DESCRIPTION: **NOT REPORTED**

INDUSTRIAL WASTE PERMIT #: **NOT REPORTED**

MUNICIPAL WASTE PERMIT #: **NOT REPORTED**

SIC CODE: **42120**

WASTE GENERATOR: **NO**

WASTE RECEIVER: **NO**

WASTE TRANSPORTER: **YES**

TRANSFER FACILITY: **NO**

MAQUILADORA (MEXICAN FACILITY): **NO**

STATUS: **INACTIVE**

AMOUNT OF WASTE GENERATED: **NOT REPORTED**

GENERATOR TYPE: **NOT REPORTED**

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): **10/30/2003**

ACTIVITIES

ACTIVITY TYPE: **UNKNOWN**

ACTIVITY DESCRIPTION: **NOT REPORTED**

WASTE

NO RECORDS

OWNER INFORMATION

NAME: **ABJ TRUCKING INC**

ADDRESS: **1717 TURNING BASIN DR, STE 370
HOUSTON, TX 77099**

PHONE: **281-933-7330**

PETROLEUM STORAGE TANKS (PST)

MAP ID# 5

Distance from Property: 0.05 mi. S

FACILITY INFORMATION

FACILITY ID #: 0011740
NAME: FAUST DC LTD
ADDRESS: 8751 FLAGSHIP DR
HOUSTON, TX 77029
TYPE: FLEET REFUELING
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: YES
NUMBER OF UNDERGROUND TANKS AT FACILITY: 2
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: JIM WARE, OPERATIONS MANAGER
PHONE: 713-671-5263
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: L R WALTHALL, MGR
DATE OF SIGNATURE ON REGISTRATION FORM: 04/16/86

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 11/06/00
TYPE OF CERTIFICATION SUBMITTED: INITIAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2002/07
SIGNATURE ON CERTIFICATION: JIMMY WARE, OPERATIONS MANAGER, LEGALLY-AUTHORIZED REP OF OPERATOR

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 2 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 01/01/1980 STATUS DATE: 06/28/2002
REGISTRATION DATE: 05/08/1986
CAPACITY: 12000 GALLONS SUBSTANCE STORED: DIESEL
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

TYPE OF PIPING: PRESSURIZED
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: NOT REPORTED
TANK MATERIAL: STEEL
OTHER TANK MATERIAL:
PIPE MATERIAL: FRP(FIBERGLASS-REINFORCED PLASTIC)
OTHER PIPE MATERIAL:

PIPE CONNECTORS AND VALVES (I thru III)

STEEL SWING-JOINTS (AT ENDS OF PIPING)

TANK CORROSION PROTECTION (I thru III)

CATHODIC PROTECTION - FIELD INSTALLATION

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

CATHODIC PROTECTION - FIELD INSTALLATION

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

OWNER INFORMATION

CUSTOMER #: 05467
NAME: FAUST PROPERTIES INC
ADDRESS: PO BOX 24728
HOUSTON, TX 77229
TYPE: CORPORATION
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 1
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 2
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: JIM WARE
PHONE: 713-671-5263



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1980** STATUS DATE: **06/28/2002**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **12000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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

FLEXIBLE CONNECTORS (AT ENDS OF PIPING)

TANK CORROSION PROTECTION (I thru III)

CATHODIC PROTECTION - FIELD INSTALLATION

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

CATHODIC PROTECTION - FIELD INSTALLATION

PIPE CORROSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **TWO-POINT SYSTEM OR COAXIAL SYSTEM TYPE**
STAGE 1 EQUIPMENT INSTALL DATE: **NOT REPORTED**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **EXEMPT BY TCEQ RULE**
STAGE 2 EQUIPMENT INSTALL DATE: **NOT REPORTED**
TANK TESTED ? : **YES**
INSTALLER NAME:

UNIT ID: **00030828** TANK ID: 2 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

AUTOMATIC TANK GAUGE TEST & INVENTORY CNTRL

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**
PIPE RELEASE DETECTION METHOD

AUTOMATIC LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPIN

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**
SPILL AND OVERFILL PREVENTION

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

SPILL AND OVERFILL PREVENTION VARIANCE: **NO VARIANCE**
UNIT ID: **00030829** TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

AUTOMATIC TANK GAUGE TEST & INVENTORY CNTRL

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**
PIPE RELEASE DETECTION METHOD

AUTOMATIC LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPIN

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**
SPILL AND OVERFILL PREVENTION

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

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

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 5

Distance from Property: 0.05 mi. S

FACILITY INFORMATION

LPST ID#: **115050** FACILITY ID#: **0011740**

REPORTED DATE: **6/20/2000**

NAME: **FAUST DISTRIBUTING**

ADDRESS: **8751 FLAGSHIP DR**

HOUSTON ,TX

FACILITY LOCATION: **8751 FLAGSHIP DR**

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

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

TANK INFORMATION

TANKID#/TYPE: **2/UST** INSTALLED: **01/01/1980** STATUS(DATE): **REMOVED FROM GROUND (06/28/2002)**

CAPACITY(gal.): **12000** CONTENTS: **DIESEL**

TANK MATERIAL/CONTAINMENT: **STEEL / SINGLE WALL**

PIPE MATERIAL/CONTAINMENT: **FRP(FIBERGLASS-REINFORCED PLASTIC) / NOT REPORTED**

TANK/PIPE RELEASE DETECTION:

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

TANK/PIPE CORROSION PROTECTION:

CATHODIC PROTECTION - FIELD INSTALLATION / CATHODIC PROTECTION - FIELD INSTALLATION

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

PRP INFORMATION

NAME: **FAUST PROPERTIES**

ADDRESS: **PO BOX 24728**

HOUSTON, TX 77229

CONTACT: **JIM WARE**

PHONE: **713-671-5263**

INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 6

Distance from Property: 0.05 mi. N

FACILITY INFORMATION

REGISTRATION #: 40084 EPA ID: TXD065081275

TNRCC ID #: 016506

NAME: DOBBINS DELIVERY SERVICE

ADDRESS: 8767 GUINEVERE
HOUSTON, TX

CONTACT: EDWARD L DOBBINS

PHONE: 713-673-6975

BUSINESS DESCRIPTION: NOT REPORTED

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: 42120

WASTE GENERATOR: NO

WASTE RECEIVER: NO

WASTE TRANSPORTER: YES

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: ACTIVE

AMOUNT OF WASTE GENERATED: NOT REPORTED

GENERATOR TYPE: NOT REPORTED

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 06/06/2003

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

NO RECORDS

OWNER INFORMATION

NAME: DOBBINS DELIVERY SERVICE

ADDRESS: 8767 GUINEVERE

HOUSTON, TX 77029

PHONE: 713-673-6975

INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 7

Distance from Property: 0.06 mi. NE

FACILITY INFORMATION

REGISTRATION #: 89059 EPA ID: TXR000080084

TNRCC ID #: 128223

NAME: EFFECTIVE ENVIRONMENTAL

ADDRESS: 2025 TURNING BASIN
HOUSTON, TX

CONTACT: CHUCK BUCHFINK

PHONE: 972-329-1200

BUSINESS DESCRIPTION: TRANSPORTATION OF WASTE.

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: 42120

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: YES

TRANSFER FACILITY: YES

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: ACTIVE

AMOUNT OF WASTE GENERATED: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

GENERATOR TYPE: NON-INDUSTRIAL AND/OR MUNICIPAL

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 05/13/2010

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

NO RECORDS

OWNER INFORMATION

NAME: EFFECTIVE ENVIRONMENTAL INC

ADDRESS: 2515 S BELTLINE RD

BALCH SPRINGS, TX 75181

PHONE: 972-329-1200

RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES (RCRAGR06)

MAP ID# 7

Distance from Property: 0.06 mi. NE

FACILITY INFORMATION

EPA ID#: TXR000061382

NAME: SMITH SYSTEMS TRANSPORTATION

ADDRESS: 2025 TURNING BASIN DR STE 818

HOUSTON, TX 770292455

CONTACT NAME: FORREST HAUFE

CONTACT ADDRESS: PO BOX 2455

SCOTTSBLUFF, NE 693632455

CONTACT PHONE: 713-674-1416

NON-NOTIFIER: NOT A NON-NOTIFIER

INDUSTRY CLASSIFICATION (NAICS)

484121 - GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOA

484122 - GENERAL FREIGHT TRUCKING, LONG-DISTANCE, LESS THA

48422 - SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING,

48423 - SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING,

— ACTIVITY INFORMATION —

GENERATOR STATUS: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**

CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**

UNDERGROUND INJECTION: **NO**

MIXED WASTE GENERATOR: **NO**

UNIVERSAL WASTE DESTINATION FACILITY: **NO**

RECYCLER: **NO**

TRANSFER FACILITY: **NO**

TRANSPORTER: **YES**

USED OIL FUEL BURNER: **NO**

ONSITE BURNER EXEMPTION: **NO**

USED OIL PROCESSOR: **NO**

FURNACE EXEMPTION: **NO**

USED OIL FUEL MARKETER TO BURNER: **NO**

USED OIL REFINER: **NO**

SPECIFICATION USED OIL MARKETER: **NO**

USED OIL TRANSFER FACILITY: **NO**

USED OIL TRANSPORTER: **NO**

— COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION —

EVALUATIONS - **NO EVALUATIONS REPORTED** -

VIOLATIONS - **NO VIOLATIONS REPORTED** -

ENFORCEMENTS - **NO ENFORCEMENTS REPORTED** -

— HAZARDOUS WASTE —

D001 **IGNITABLE WASTE**

D006 **CADMIUM**

D007 **CHROMIUM**

D008 **LEAD**

D009 **MERCURY**

D029 **1,1-DICHLOROETHYLENE**

D030 **2,4-DINITROTOLUENE**

D035 **METHYL ETHYL KETONE**



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RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES (RCRAGR06)

- F003** THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- F005** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES (RCRAGR06)

MAP ID# 7

Distance from Property: 0.06 mi. NE

FACILITY INFORMATION

EPA ID#: TXR000080084

NAME: EFFECTIVE ENVIRONMENTAL INC

ADDRESS: 2025 TURNING BASIN

HOUSTON, TX 77029

CONTACT NAME: CHUCK BUCHFINK

CONTACT ADDRESS: 2025 TURNING BASIN

HOUSTON, TX 77029

CONTACT PHONE: 972-329-1200

NON-NOTIFIER: NOT A NON-NOTIFIER

INDUSTRY CLASSIFICATION (NAICS)

48411 - GENERAL FREIGHT TRUCKING, LOCAL

OWNER TYPE: PRIVATE

OWNER NAME: EFFECTIVE ENVIRONMENTAL INC

OPERATOR TYPE: PRIVATE

OPERATOR NAME: EFFECTIVE ENVIRONMENTAL INC

— ACTIVITY INFORMATION —

GENERATOR STATUS: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**

CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**

UNDERGROUND INJECTION: **NO**

MIXED WASTE GENERATOR: **NO**

UNIVERSAL WASTE DESTINATION FACILITY: **NO**

RECYCLER: **NO**

TRANSFER FACILITY: **YES**

TRANSPORTER: **YES**

USED OIL FUEL BURNER: **NO**

ONSITE BURNER EXEMPTION: **NO**

USED OIL PROCESSOR: **NO**

FURNACE EXEMPTION: **NO**

USED OIL FUEL MARKETER TO BURNER: **NO**

USED OIL REFINER: **NO**

SPECIFICATION USED OIL MARKETER: **NO**

USED OIL TRANSFER FACILITY: **NO**

USED OIL TRANSPORTER: **NO**

— COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION —

EVALUATIONS - NO EVALUATIONS REPORTED -

VIOLATIONS - NO VIOLATIONS REPORTED -

ENFORCEMENTS - NO ENFORCEMENTS REPORTED -

— HAZARDOUS WASTE — NO HAZARDOUS WASTE INFORMATION REPORTED —



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INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 7

Distance from Property: 0.06 mi. NE

FACILITY INFORMATION

REGISTRATION #: 87682 EPA ID: TXR000061382

TNRCC ID #: 118790

NAME: SMITH SYSTEMS TRANSPORTATION

ADDRESS: 2025 TURNING BASIN DR, STE 818
HOUSTON, TX

CONTACT: FORREST HAUFE

PHONE: 713-674-1416

BUSINESS DESCRIPTION: TRANSPORTATION AND TRANSFER OF HAZARDOUS MATERIALS, WASTE. WAREHOUSE. PER GENENA SMITH, THE COMPANY RECEIVES THE HAZARDOUS WASTE AND REMANIFEST IT TO BE SENT

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: 42130

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: YES

TRANSFER FACILITY: YES

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: INACTIVE

AMOUNT OF WASTE GENERATED: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

GENERATOR TYPE: NON-INDUSTRIAL AND/OR MUNICIPAL

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 04/01/2011

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

WASTE ID: 00210577

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: NO

GENERATOR'S DESCRIPTION OF WASTE: ORGANIC PAINT, LACQUER, VARNISH. RECIEVED AS UNIVERSAL WASTE. 3/29/05

WASTE ID: 00210578

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: NO

GENERATOR'S DESCRIPTION OF WASTE: SPENT SOLID FILTERS OR ABSORBENTS. RECEIVED AS UNIVERSAL WASTE. 3/29/05



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INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

WASTE ID: **00210579**

WASTE CODE STATUS: **INACTIVE**

WASTE IS RADIOACTIVE: **NO**

WASTE IS TREATED OFF SITE: **NO**

GENERATOR'S DESCRIPTION OF WASTE: **OTHER WASTE INORGANIC SOLIDS, PAINT SOLIDS. RECEIVED AS UNIVERSAL WASTE.
3/29/**

WASTE ID: **00210580**

WASTE CODE STATUS: **INACTIVE**

WASTE IS RADIOACTIVE: **NO**

WASTE IS TREATED OFF SITE: **NO**

GENERATOR'S DESCRIPTION OF WASTE: **OTHER NONHALOGENATED ORGANIC SOLIDS, (LIGHT BULBS). RECEIVED AS UNIVERSAL
WASTE**

WASTE ID: **00214119**

WASTE CODE STATUS: **INACTIVE**

WASTE IS RADIOACTIVE: **NO**

WASTE IS TREATED OFF SITE: **YES**

GENERATOR'S DESCRIPTION OF WASTE: **AEROSOL PAINT CANS RECEIVED AS UNIVERSAL WASTE. DOG 01/12/2006.**

PETROLEUM STORAGE TANKS (PST)

MAP ID# 8

Distance from Property: 0.06 mi. S

FACILITY INFORMATION

FACILITY ID #: 0034465
NAME: **EAGLE TRANSPORTATION**
ADDRESS: 8700 INDUSTRIAL DR
HOUSTON, TX 77029
TYPE: **FLEET REFUELING**
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: **YES**
NUMBER OF UNDERGROUND TANKS AT FACILITY: 2
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: **JOHN W NICHOLSON, VP & GM**
PHONE: 713-675-8151
DATE REGISTRATION FORM RECEIVED: 05/06/86
SIGNATURE ON REGISTRATION FORM: **JOHN W NICHOLSON, VP & G.M.**
DATE OF SIGNATURE ON REGISTRATION FORM: 05/06/86

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 2 TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: 10/14/1980 STATUS DATE: 10/25/1999
REGISTRATION DATE: 05/06/1986
CAPACITY: 10000 GALLONS SUBSTANCE STORED: **DIESEL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

TYPE OF PIPING: **NOT REPORTED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **STEEL**
OTHER TANK MATERIAL:
PIPE MATERIAL: **STEEL**
OTHER PIPE MATERIAL:

PIPE CONNECTORS AND VALVES (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION VARIANCE: **NO VARIANCE**

PIPE CORROSION PROTECTION (I thru III)

NOT REPORTED

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

OWNER INFORMATION

CUSTOMER #: 15998
NAME: **TERMINAL SERVICES HOUSTON INC**
ADDRESS: 8700 INDUSTRIAL DR
HOUSTON, TX 77029
TYPE: **PRIVATE OR CORPORATE**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 1
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 2
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: **CHARLES DAVENPORT**
PHONE: 713-675-8151



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 10/14/1980 STATUS DATE: 10/25/1999
REGISTRATION DATE: 05/06/1986
CAPACITY: 6000 GALLONS SUBSTANCE STORED: GASOLINE
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

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

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

NOT REPORTED

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

NOT REPORTED

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

UNIT ID: 00091110 TANK ID: 2 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, TIGHTNESS TESTING

TANK RELEASE DETECTION VARIANCE: NO VARIANCE
PIPE RELEASE DETECTION METHOD

NONE

PIPE RELEASE DETECTION VARIANCE: NO VARIANCE
SPILL AND OVERFILL PREVENTION

AUTO. FLOW RESTRICTOR VALVE, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP

SPILL AND OVERFILL PREVENTION VARIANCE: NO VARIANCE
UNIT ID: 00091111 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, TIGHTNESS TESTING

TANK RELEASE DETECTION VARIANCE: NO VARIANCE
PIPE RELEASE DETECTION METHOD

NONE

PIPE RELEASE DETECTION VARIANCE: NO VARIANCE
SPILL AND OVERFILL PREVENTION
AUTO. FLOW RESTRICTOR VALVE, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP
SPILL AND OVERFILL PREVENTION VARIANCE: NO VARIANCE

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 9

Distance from Property: 0.07 mi. NE

SITE INFORMATION

UNIQUE ID: 6C7ZGR0025A4

SITE ID: FATR20086C7ZGR0025A4

NAME: NORTH SAFETY PRODUCTS BY HONEYWELL

ADDRESS: 1819 TURNING BASIN # 918

HOUSTON, TX 77029

SIGNED DATE: 2/27/2009

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

FORKLIFT BATTERY

CHEMICAL AMOUNT: 4842 POUNDS

CHEMICAL LOCATION:

FORKLIFT BATTERY

CHEMICAL AMOUNT: 1212 POUNDS

CHEMICAL NAME: **SULFURIC ACID**

MAXIMUM AMOUNT: 2421 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: **LEAD**

MAXIMUM AMOUNT: 4842 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

MIXTURE CHEMICAL: **SULFURIC ACID**

MIXTURE CHEMICAL: **LEAD**

MIXTURE CHEMICAL: **ANTIMONY**

MIXTURE CHEMICAL: **ARSENIC**

MIXTURE CHEMICAL: **CALCIUM**

MIXTURE CHEMICAL: **TIN**



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 9

Distance from Property: 0.07 mi. NE

SITE INFORMATION

UNIQUE ID: 7R8B55007GN7

SITE ID: FATR20107R8B55007GN7

NAME: HONEYWELL SAFETY PRODUCTS

ADDRESS: 1819 TURNING BASIN DR #918
HOUSTON, TX 77029

SIGNED DATE: 2/25/2010

VALIDATION REPORT: NOT REPORTED

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

FORKLIFT BATTERY

CHEMICAL AMOUNT: 1212 POUNDS

CHEMICAL LOCATION:

FORKLIFT BATTERY

CHEMICAL AMOUNT: 4842 POUNDS

CHEMICAL NAME: LEAD

MAXIMUM AMOUNT: 4842 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: SULFURIC ACID

MAXIMUM AMOUNT: 2421 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

MIXTURE CHEMICAL: LEAD

MIXTURE CHEMICAL: ANTIMONY

MIXTURE CHEMICAL: ARSENIC

MIXTURE CHEMICAL: CALCIUM

MIXTURE CHEMICAL: TIN

MIXTURE CHEMICAL: SULFURIC ACID



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INDUSTRIAL AND HAZARDOUS WASTE SITES (IHW)

MAP ID# 9

Distance from Property: 0.07 mi. NE

FACILITY INFORMATION

REGISTRATION #: 71765 EPA ID: TXD981059777

TNRCC ID #: 026354

NAME: SOUTHWESTERN BELL TELEPHONE

ADDRESS: 1819 TURNING BASIN DR, CONTACT H
HOUSTON, TX

CONTACT: ANN BIELLER

PHONE: 713-674-9712

BUSINESS DESCRIPTION: NOT REPORTED

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: 99990

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: NO

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: INACTIVE

AMOUNT OF WASTE GENERATED: NOT REPORTED

GENERATOR TYPE: NOT REPORTED

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 06/04/2010

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

NO RECORDS

OWNER INFORMATION

NAME: SOUTHWESTERN BELL TELEPHONE

ADDRESS: ONE BELL CENTER

ST LOUIS, MO 63101

PHONE: 713-674-9712

MUNICIPAL SOLID WASTE LANDFILL SITES (MSWLF)

MAP ID# 10

Distance from Property: 0.19 mi. SW

FACILITY INFORMATION

PERMIT#: **100290**
NAME: **JOHN E FRANTZ**
LOCATION: **8300 BUCHANAN ST HOUSTON, TX 77029-3904**
COUNTY: **HARRIS**
AREA SERVED: **HARRIS COUNTY**
FACILITY TYPE: **RESOURCE RECOVERY/RECYCLING FACILITY**
FACILITY STATUS: **ACTIVE**
BUSINESS TYPE: **BUSINESS**
ESTIMATED CLOSURE: **NOT REPORTED**
POPULATION SERVED: **NOT REPORTED**
TONS (PER DAY) : **NA**
YARDS (PER DAY) : **NA**

APPLICATION / PERMIT INFORMATION

APPLICATION TYPE	APPLICATION STARTED	APPLICATION ENDED	PERMIT STATUS	STATUS DATE
NEW APPLICATION	11/04/2010	03/31/2011	ISSUED	03/31/2011



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 11

Distance from Property: 0.25 mi. SE

FACILITY INFORMATION

FACILITY ID #: 0074317
NAME: **BEST PAK WAREHOUSE**
ADDRESS: 1415 EAST LOOP N
HOUSTON, TX 77029
TYPE: **UNIDENTIFIED**
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: **YES**
NUMBER OF UNDERGROUND TANKS AT FACILITY: 1
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: **SAM AHN, GEN MGR**
PHONE: 713-678-8208
DATE REGISTRATION FORM RECEIVED: 05/31/01
SIGNATURE ON REGISTRATION FORM: **SAM M AHN, GEN MGR**
DATE OF SIGNATURE ON REGISTRATION FORM: 05/23/01

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 05/23/01
TYPE OF CERTIFICATION SUBMITTED: **INITIAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: 2002/02
SIGNATURE ON CERTIFICATION: **SAM M AHN, GEN MGR, LEGALLY-AUTHORIZED REP OF OWNER**

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: **TEMPORARILY OUT OF USE, TANK IS EMPTY**
INSTALL DATE: 08/31/1987 STATUS DATE: 03/28/2002

REGISTRATION DATE: 05/31/2001
CAPACITY: 10000 GALLONS SUBSTANCE STORED: **UNKNOWN**

TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL, TANK VAULT/RIGID TRENCH LINER

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL, TANK VAULT/RIGID TRE

TYPE OF PIPING: **GRAVITY**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **COATED (STEEL WITH EXTERNAL POLYURETHANE CLADDING**
OTHER TANK MATERIAL:
PIPE MATERIAL: **UNKNOWN**
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

COATED TANK (STEEL WITH EXTERNAL POLYURETHANE LAMINATE)

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

NOT REPORTED

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

OWNER INFORMATION

CUSTOMER #: 58052
NAME: **PACO STEEL CORP**
ADDRESS: PO BOX 622
GALENA PARK, TX 77547
TYPE: **CORPORATION**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 1
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 1
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: **SAM AHN**
PHONE: 713-678-8208



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PETROLEUM STORAGE TANKS (PST)

UNIT ID: 00197739 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

AUTO. DELIVERY SHUT/OFF VALVE

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

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 12

Distance from Property: 0.32 mi. N

SITE INFORMATION

UNIQUE ID: 718RJ4002GNY

SITE ID: FATR2009718RJ4002GNY

NAME: BLENTECH CORPORATION

ADDRESS: 1305 RYE ST

HOUSTON, TX 77029

SIGNED DATE: 2-21-2010

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

SITE TYPE: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING

CHEMICAL LOCATION:

10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11 - 5

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11-10-4-14

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11-5-4-14-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-10-3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-3-10

CHEMICAL AMOUNT: NOT REPORTED



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

4-2-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-5-10-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-8-5

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-14-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-6-14-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-8-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-8-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-2

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-10-14

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5-4-10-2

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-7-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-2-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-6-10-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-6-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-14-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-9-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **ACETIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACRYLIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACRYLONITRILE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ALPHA METHYL STYRENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BENZYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHLOROACETIC ACID, LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CHLOROACETIC ACID, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CYCLOHEXANOE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENETRIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIOCTYL PHTHALATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIPROPYLENE GLYCOL MONOMETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL 3 ETHOXYPROPIONATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FLAMMABLE LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **FURFURYL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HYDRAZINE, AQUEOUS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HYDROCHLORIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPHORONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **KEROSENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL CHLOROACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **METHYL DIISOCYANATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ETHYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ISOBUTYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL METHACRYLATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PERCHLOROETHYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PETROLEUM DISTILLATES, N.O.S.**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **PHENOL, SOLUTIONS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PRIMARY AMYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **SODIUM HYDROXIDE, [DRY SOLID, FLAKE, BEAD]**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **SODIUM HYDROXIDE, [DRY SOLID, FLAKE, BEAD]**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TETRAHYDROFURAN**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TOLUENE DIISOCYANATE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRICHLOROETHYLENE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIETHANOLAMINE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIPROPYLENE GLYCOL**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **VINYL ACETATE MONOMER, STABILIZED**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

MIXTURE CHEMICAL: **TOLUENE**

MIXTURE CHEMICAL: **N-HEXANE**

MIXTURE CHEMICAL: **METHYL ACETATE**

MIXTURE CHEMICAL: **METHANOL**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 12

Distance from Property: 0.32 mi. N

SITE INFORMATION

UNIQUE ID: 5MJFWF002J51

SITE ID: FATR20075MJFWF002J51

NAME: BLENTECH CORP

ADDRESS: 1305 RYE ST

HOUSTON, TX 77029

SIGNED DATE: 2-24-2008

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

-11-5³

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-1-2

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-1

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-2

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-3-7

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-2-3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-3-6

CHEMICAL AMOUNT: NOT REPORTED



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

4-3-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-3-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-5-7-

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-7-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-7-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-8-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-1-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-14-4-2

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-2-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-2-7-

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-1

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-6

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5-4-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-2-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-7-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-6-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-3-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-8-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-8-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-14

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5-7-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4-8-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-8-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-8-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-8-4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: **ACETIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETONE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACRYLIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ISOBUTYL KETONE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ADIPIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ALCOHOLS C11-C14-ISO,C13 RICH (EXXAL 13)**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **BENZYL ALCOHOL**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **BENZOYL CHLORIDE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACRYLATE, INHIBITED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHLOROACETIC ACID, LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CHLOROACETIC ACID, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CYCLOHEXANONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CYCLOHEXYLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIACETONE ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIBUTYL PHTHALATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENETRIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIISOBUTYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL 3-ETHOXYPROPIONATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL BENZENE MIXTURE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURAL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **HYDRAZINE, AQUEOUS SOLUTION, WITH NOT MORE THAN 37% HYDRAZINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HYDROCHLORIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPHORONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ACRYLATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ETHYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL METHACRYLATE, MONOMER INHIBITED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MINERAL SPIRITS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MORPHOLINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **N METHYL PYRROLIDONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL DIISOCYANATE (MDI)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **TETRAHYDROFURAN**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRICHLOROETHYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TOLUENE DIISOCYANATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **VINYL ACETATE MONOMER, INHIBITED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **XYLENE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **KEROSENE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **ALCOHOLS, C9-C11-ISO, C10 RICH (EXXAL10)**

MAXIMUM AMOUNT: **NOT REPORTED**

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

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 12

Distance from Property: 0.32 mi. N

SITE INFORMATION

UNIQUE ID: 6B4VK80027EK

SITE ID: FATR20086B4VK80027EK

NAME: BLENTECH CORPORATION

ADDRESS: 1305 RYE ST

HOUSTON, TX 77029

SIGNED DATE: 2-24-2009

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS. YOU
HAVE CHECKED THE BOX INDICATING THAT SITE PLANS
HAVE BEEN SUBMITTED. SINCE NO SITE PLAN FILES HAVE
BEEN ADDED IN TIER2 SUBMIT, PLEASE ENSURE THAT YOU
SUBMIT APPROPRIATE SITE PLANS (PAPER OR
ELECTRONIC).

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

SITE TYPE: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING

SITE TYPE: CHEMICALS & CHEM PREP, NEC

CHEMICAL LOCATION:

1-4-5

CHEMICAL AMOUNT: 44000 POUNDS

CHEMICAL LOCATION:

10-4

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

13-4-14-7

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-3-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-2

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-2-14

CHEMICAL AMOUNT: NOT REPORTED



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

4-3-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

4-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-6-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-3-14

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5-6-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-6-14-4-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7

CHEMICAL AMOUNT: **480 POUNDS**

CHEMICAL LOCATION:

5-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-3-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: **CYCLOHEXANONE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES**

GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIBUTYL PHTHALATE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES**

GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACRYLONITRILE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACRYLIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ALCOHOLS C11-C14-ISO, C13 RICH (EXXAL 13)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ALCOHOLS, C9-C11-ISO, C10 RICH (EXXAL 10)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ALPHA METHYL STYRENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BENZYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACRYLATE, INHIBITED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **SODIUM HYDROXIDE, [DRY SOLID, FLAKE, BEAD]**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHLOROACETIC ACID, LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CHLOROACETIC ACID, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENETRIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL 3 ETHOXYPROPIONATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **FURFURAL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HYDRAZINE, AQUEOUS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **HYDROCHLORIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPHORONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **KEROSENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **METHYL DIISOCYANATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ETHYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ISOBUTYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYLENE CHLORIDE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MONOETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **N METHYL PYRROLIDONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PERCHLOROETHYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **STYRENE MONOMER**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TETRAHYDROFURAN**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TOLUENE DIISOCYANATE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIETHANOLAMINE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **VINYL ACETATE MONOMER, INHIBITED**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **XYLENE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 12

Distance from Property: 0.32 mi. N

SITE INFORMATION

UNIQUE ID: 48NGVV002LQA

SITE ID: FATR200548NGVV002LQA

NAME: BLENTECH CORP

ADDRESS: 1305 RYE ST

HOUSTON, TX 77029

SIGNED DATE: NOT REPORTED

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

1

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

1-4-9

CHEMICAL AMOUNT: 80000 POUNDS

CHEMICAL LOCATION:

10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

2

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4

CHEMICAL AMOUNT: 47000 POUNDS

CHEMICAL LOCATION:

4-2

CHEMICAL AMOUNT: 36000 POUNDS

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: NOT REPORTED



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIER II)

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: **47000 POUNDS**

CHEMICAL LOCATION:

5-7-8-4

CHEMICAL AMOUNT: **47000 POUNDS**

CHEMICAL LOCATION:

6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

7

CHEMICAL AMOUNT: **47000 POUNDS**

CHEMICAL LOCATION:

8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **280000 POUNDS**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **47000 POUNDS**

CHEMICAL NAME: **CHLOROACETIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHLOROACETIC ACID (80% OR LESS)**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CHLOROACETIC ACID, [LIQUID] 90 %**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ACETIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **ACETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETOPHENONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ADIPIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ALPHA METHYL STYRENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **AMINOETHYLPERAZINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **NAPHTHALENE (AROMATIC 200 ND)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **N,N-DIALKYL-N,N DIMETHYLAMMONIUM CHLORIDE (BARDAC 208 M)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **BENZENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACRYLATE, INHIBITED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **CAUSTIC SODA, BEAD**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHEM 40(TOLUENE, XYLENE, HEXANEO**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CYCLOHEXANONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ARYL & ALKYL DISULFIDES (DIARYL DISULPHIDE)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **DICHLOROMETHANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENE GLYCOL BUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENETRIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOMETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIISOBUTYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLHEXANEDIOL, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **DIMETHYLHEXANEDIOL, MOLTEN**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **DODECYLBENZENESULFONIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **EPICHLORHYDRIN**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **ETHYL ACETATE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL BUTYL ETHER**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOETHYL ETHER**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOETHYL ETHER ACETATE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **HEXANE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**

CHEMICAL NAME: **HYDRAZINE, AQUEOUS SOLUTION, WITH NOT MORE THAN 37% HYDRAZINE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

SOLID: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **HYDRAZINE HYDRATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **HYDROCHLORIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPHORONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **KEROSENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHANOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ETHYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ISO-BUTYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL METHACRYLATE MONOMER, [INHIBITED]**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYLENE CHLORIDE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **MINERAL SPIRITS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MONOETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MORPHOLINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **N METHYL PYRROLIDONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PERCHLOROETHYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHENOTHIAZIAN**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHOSPHOROUS ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHOSPHOROUS ACID, 70 % SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **PROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYLENE GLYCOL MONOMETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **QUINOLINE SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **YES**

CHEMICAL NAME: **SODIUM CHLOROACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **STYRENE MONOMER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIETHYLENETETRAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **XYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ZINC CHLORIDE, SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **DIETHYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURAL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **HEXYLENE GLYCOL**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **SURFONIC N 95**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **TETRAHYDROFURAN**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **TOLUENE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **TRICHLOROETHYLENE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

CHEMICAL NAME: **ETIDRONIC ACID (UNIHIB 106)**

MAXIMUM AMOUNT: **NOT REPORTED**

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

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 12

Distance from Property: 0.32 mi. N

SITE INFORMATION

UNIQUE ID: 7QBGNW002AB0

SITE ID: FATR20107QBGNW002AB0

NAME: BLENTECH CORP

ADDRESS: 1305 RYE ST

HOUSTON, TX 77029

SIGNED DATE: 2-20-2011

VALIDATION REPORT: THE FOLLOWING SITE PLAN FILES ARE MISSING:
BLENTECH SITE PLAN.JPG^d

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

11

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

14

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

14-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

2

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

3-5

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-9-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-2

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: NOT REPORTED



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5,8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-14-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-14-7-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-2-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-3-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-6-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-6-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-2

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5-7-6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-6-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-9-

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

6 -07

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

6-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

6-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9-

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: **ACETIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES**

GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETONE**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES**

GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACRYLIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

FIRE: **YES**

GAS: **NOT REPORTED** LIQUID: **YES**

SOLID: **NOT REPORTED**

PURE: **YES**

MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **ACETIC ANHYDRIDE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BENZENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BENZYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACRYLATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHLOROACETIC ACID, LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CHLOROACETIC ACID, SOLIC**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CYCLOHEXANONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENETRIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL 3 ETHOXYPROPIONATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **ETHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURYL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HYDRAZINE HYDRATE, AQUEOUS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **HYDROCHLORIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPHORONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOBUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOBUTYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **ISOPROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **KEROSENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHACRYLIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL CHLOROACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL DIISOCYANATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ISOBUTYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL METHACRYLATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DICHLOROMETHANE (METHYLENE CHLORIDE)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MORPHOLINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **N METHYL PYRROLIDONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **N PENTANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PERCHLOROETHYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHENOL SOLUTIONS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHOSPHORIC ACID 75-85%**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **PROPYLENE GLYCOL METHYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **SODIUM HYDROXIDE, LIQUID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **STYRENE MONOMER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TETRAHYDROFURAN**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **TOLUENE RECLAIMED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **TRICHLOROETHYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **TRIPROPYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **VINYL ACETATE MONOMER, STABILIZED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MC 6600095**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **DIBUTYL PHTHALATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

MIXTURE CHEMICAL: **TOLUENE**
MIXTURE CHEMICAL: **HEXANE**
MIXTURE CHEMICAL: **HEPTANE**
MIXTURE CHEMICAL: **COMPLEX POLYAMINE SALT COMPOUNDS**
MIXTURE CHEMICAL: **COMPLEX FATTY ACID COMPOUND**
MIXTURE CHEMICAL: **COMPLEX ETHOXYLATED POLYAMINE COMPOUND**
MIXTURE CHEMICAL: **2-BUTOXYETHANOL**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 12

Distance from Property: 0.32 mi. N

SITE INFORMATION

UNIQUE ID: 4Y29ZU002855

SITE ID: FATR20064Y29ZU002855

NAME: BLENTECH CORPORATION

ADDRESS: 1305 RYE ST

HOUSTON, TX 77029

SIGNED DATE: 2-23-2007

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

1-14

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

1-4

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

10-4

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

3-10

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-14-1

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-2-3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-3

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-5-7

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

4-5-7-14

CHEMICAL AMOUNT: NOT REPORTED



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

4-7-8-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5,7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-10-8-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-3-4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-14-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-3-7-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-14-6

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

5-4-7-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-4-7-8-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-13

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-14-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4-14

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4-14-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-4-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-7-8-4

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

5-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

6

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

7-8

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

7-8-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

8

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

8-7-4-3

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

9-10

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: **ISOPROPYL ALCOHOL**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETIC ACID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETONE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ACETOPHENONE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BENZENE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACETATE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ACRYLATE, INHIBITED**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **BUTYL ALCOHOL**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CHLOROACETIC ACID, SOLID^g**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **CHLOROACETIC ACID, [LIQUID]**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **CYCLOHEXANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **CYCLOHEXANONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FURFURAL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HYDRAZINE, AQUEOUS SOLUTIONS, WITH NOT MORE THAN 6**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **YES**

CHEMICAL NAME: **ISOPHORONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL METHACRYLATE MONOMER, [INHIBITED]**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **N-METHYL-2-PYRROLIDONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **POTASSIUM HYDROXIDE, SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **KEROSENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **QUINOLINE SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **SODIUM HYDROXIDE, [DRY SOLID, FLAKE, BEAD]**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **STYRENE MONOMER, [INHIBITED]**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **VINYL ACETATE MONOMER INHIBITED**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ZINC CHLORIDE, SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHOSPHOROUS ACID, SOLID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ADIPIC ACID**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **NOT REPORTED** SOLID: **YES**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **DICHLOROMETHANE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ISOBUTYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOBUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENE GLYCOL MONOMETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIETHYLENETRIAMINE^d**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DIISOBUTYLENE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **MINERAL SPIRITS**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL BUTYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **HEXYLENE GLYCOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **MONOETHANOLAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PHOSPHOROUS ACID, 70 % SOLUTION**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **PROPYL ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYLENE GLYCOL MONOMETHYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ALCOHOLS C11-C14-ISO, C13 RICH (EXXAL 13)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ALCOHOLS, C9-C11-ISO, C10 RICH (EXXAL 10)**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **NOT REPORTED** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL BENZENE MIXTURE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **BUTANOL 510 MIXED SOLVENT**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **TETRAHYDROFURAN**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **SODIUM METHYLATE 30 % IN METHANOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ETHYLENE GLYCOL MONOPROPYL ETHER**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYL 3-ETHOXYPROPIONATE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ETHYLENEDIAMINE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ISOBUTYL ALCOHOL**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **METHYL ETHYL KETONE**
MAXIMUM AMOUNT: **NOT REPORTED**
FIRE: **YES** GAS: **NOT REPORTED** LIQUID: **YES** SOLID: **NOT REPORTED**
PURE: **NOT REPORTED** MIXTURE: **YES**

MIXTURE CHEMICAL: **DIETHYL KETONE**
MIXTURE CHEMICAL: **ETHYLENE GLYCOL MONOBUTYL ETHER**
MIXTURE CHEMICAL: **METHYL ETHYL KETONE**
MIXTURE CHEMICAL: **TOLUENE**
MIXTURE CHEMICAL: **BUTYL ALCOHOL**
MIXTURE CHEMICAL: **ISOBUTANOL**
MIXTURE CHEMICAL: **SODIUM METHYLATE**
MIXTURE CHEMICAL: **METHANOL**

TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 13

Distance from Property: 0.32 mi. SW

SITE INFORMATION

UNIQUE ID: 7RCPWP00SNZ9

SITE ID: FATR20107RCPWP00SNZ9

NAME: STORAGE AND PROCESSORS, INC.

ADDRESS: 8815 MISSISSIPPI STREET
HOUSTON, TX 77029

SIGNED DATE: 02/25/2011

VALIDATION REPORT: NOT REPORTED

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

ENTER TRUCK ENTRANCE OFF MISSISSIPPI STREET, TANK SITS ON THE LEFT - PAINTED RED.

CHEMICAL AMOUNT: 14774 POUNDS

CHEMICAL NAME: DIESEL FUELS

MAXIMUM AMOUNT: 14774 UNITS (value of unit not provided by reporting agency)

FIRE: YES

GAS: NOT REPORTED

LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 14 Distance from Property: 0.34 mi. SW

SITE INFORMATION

UNIQUE ID: 7RCZQ901ZDSA
SITE ID: FATR20107RCZQ901ZDSA
NAME: MIDSTATE ENVIRONMENTAL SERVICES HOUSTON
ADDRESS: 8129 FILMORE ST.
HOUSTON, TX 77029

SIGNED DATE: 2-24-2011
VALIDATION REPORT: NOT REPORTED
MAILING ADDRESS: P.O. BOX 261180
CORPUS CHRISTI, TX 78426

SITE DETAILS

SITE TYPE: SCRAP & WASTE MATERIALS

CHEMICAL LOCATION:

LEFT SIDE OF YARD

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL NAME: USED OIL

MAXIMUM AMOUNT: NOT REPORTED

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: OILY WATER

MAXIMUM AMOUNT: NOT REPORTED

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

PURE: NOT REPORTED MIXTURE: YES

MIXTURE CHEMICAL: USED OIL

MIXTURE CHEMICAL: WATER

MIXTURE CHEMICAL: USED OIL

MIXTURE CHEMICAL: WATER



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 15

Distance from Property: 0.38 mi. SW

FACILITY INFORMATION

LPST ID#: **104386** FACILITY ID#: **0020452**

REPORTED DATE: **2/5/1992**

NAME: **GULF STATE TOYOTA**

ADDRESS: **8806 MISSISSIPPI**

HOUSTON ,TX

FACILITY LOCATION: **8806 MISSISSIPPI**

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

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

TANK INFORMATION

TANKID#/TYPE: **1/UST** INSTALLED: **01/01/1981** STATUS(DATE): **REMOVED FROM GROUND (01/08/1992)**

CAPACITY(gal.): **12000** CONTENTS: **DIESEL**

TANK MATERIAL/CONTAINMENT: **FRP(FIBERGLASS-REINFORCED PLASTIC) / NOT REPORTED**

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

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

FRP TANK OR PIPING (NONCORRODIBLE) / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **GULF STATES TOYOTA**

ADDRESS: **7701 WILSHIRE DR**

HOUSTON, TX 77040

CONTACT: **IVAN LEONARD**

PHONE: **713-744-5252**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 16

Distance from Property: 0.40 mi. NW

SITE INFORMATION

UNIQUE ID: 6C8CMU0060SM

SITE ID: FATR20086C8CMU0060SM

NAME: MORRIS EXPORT CRATING COMPANY

ADDRESS: 1225 MCCARTY DRVIE

HOUSTON, TX 77029

SIGNED DATE: 2-26-2009

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 1000 GALLONS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 6000 GALLONS

CHEMICAL NAME: DIESEL FUEL

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: FUELS, GASOLINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 16

Distance from Property: 0.40 mi. NW

SITE INFORMATION

UNIQUE ID: 5NS240002E68

SITE ID: FATR20075NS240002E68

NAME: MORRIS EXPORT CRATING COMPANY

ADDRESS: 1225 MCCARTY DRIVE

HOUSTON, TX 77029

SIGNED DATE: 2-29-2008

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 1000 GALLONS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 6000 GALLONS

CHEMICAL NAME: DIESEL FUEL

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: FUELS, GASOLINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIER II)

MAP ID# 16 Distance from Property: 0.40 mi. NW

SITE INFORMATION

UNIQUE ID: 4XW29E0025HV
SITE ID: FATR20064XW29E0025HV
NAME: MORRIS EXPORT CRATING COMPANY
ADDRESS: 1225 MC CARTY DRIVE
HOUSTON, TX 77029
SIGNED DATE: 2-23-2007
VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.
MAILING ADDRESS: NOT REPORTED

SITE DETAILS

SITE TYPE: PACKING AND CRATING
SITE TYPE: PACKING AND CRATING
CHEMICAL LOCATION:
WEST SIDE OF MAIN YARD
CHEMICAL AMOUNT: 1000 GALLONS
CHEMICAL LOCATION:
WEST SIDE OF MAIN YARD
CHEMICAL AMOUNT: 6000 GALLONS
CHEMICAL NAME: GASOLINE
MAXIMUM AMOUNT: NOT REPORTED
FIRE: YES GAS: NOT REPORTED LIQUID: YES SOLID: NOT REPORTED
PURE: NOT REPORTED MIXTURE: YES
CHEMICAL NAME: DIESEL FUEL
MAXIMUM AMOUNT: NOT REPORTED
FIRE: YES GAS: NOT REPORTED LIQUID: YES SOLID: NOT REPORTED
PURE: NOT REPORTED MIXTURE: YES

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 16

Distance from Property: 0.40 mi. NW

SITE INFORMATION

UNIQUE ID: 71Q11F002FUQ

SITE ID: FATR200971Q11F002FUQ

NAME: MORRIS EXPORT CRATING COMPANY

ADDRESS: 1225 MCCARTY DRIVE

HOUSTON, TX 77029

SIGNED DATE: 2/24/2010

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 1000 GALLONS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 6000 GALLONS

CHEMICAL NAME: DIESEL FUEL

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: FUELS, GASOLINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 16

Distance from Property: 0.40 mi. NW

SITE INFORMATION

UNIQUE ID: 7R7YNB002YMZ

SITE ID: FATR20107R7YNB002YMZ

NAME: MORRIS EXPORT CRATING COMPANY

ADDRESS: 1225 MCCARTY DRIVE
HOUSTON, TX 77029

SIGNED DATE: 2/23/2011

VALIDATION REPORT: NOT REPORTED

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 1000 GALLONS

CHEMICAL LOCATION:

WEST SIDE OF MAIN YARD

CHEMICAL AMOUNT: 6000 GALLONS

CHEMICAL NAME: DIESEL FUEL

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: FUELS, GASOLINE

MAXIMUM AMOUNT: NOT REPORTED

FIRE: YES GAS: NOT REPORTED LIQUID: YES

SOLID: NOT REPORTED

PURE: NOT REPORTED MIXTURE: YES

LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 16

Distance from Property: 0.40 mi. NW

FACILITY INFORMATION

LPST ID#: **100656** FACILITY ID#: **0021829**

REPORTED DATE: **10/24/1991**

NAME: **MOMS EXPORT CRATING**

ADDRESS: **1225 MCCARTY**

HOUSTON ,TX

FACILITY LOCATION: **1225 MCCARTY**

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

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

TANK INFORMATION

TANKID#/TYPE: **2/UST** INSTALLED: **NOT REPORTED** STATUS(DATE): **REMOVED FROM GROUND (10/31/1990)**

CAPACITY(gal.): **0** CONTENTS: **USED OIL**

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

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

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

NOT REPORTED / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **MORRIS EXPORT CRATING**

ADDRESS: **PO BOX 3003**

HOUSTON, TX 77253

CONTACT: **DON WILKINSON**

PHONE: **713-675-9101**

LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 17

Distance from Property: 0.45 mi. NW

FACILITY INFORMATION

LPST ID#: **093793** FACILITY ID#: **0034160**

REPORTED DATE: **10/6/1989**

NAME: **THE HEITMAN CO INC**

ADDRESS: **1422 MCCARTY
HOUSTON ,TX**

FACILITY LOCATION: **1422 MCCARTY RD**

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

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

TANK INFORMATION

TANKID#/TYPE: **2/UST** INSTALLED: **01/01/1966**

CAPACITY(gal.): **1500** CONTENTS: **UNKNOWN**

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

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

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

NOT REPORTED / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **HEITMAN CO INC**

ADDRESS: **1615 BELL**

HOUSTON, TX 77003

CONTACT: **BERT HEITMAN**

PHONE: **713-659-2112**

STATUS(DATE): **REMOVED FROM GROUND (10/01/1989)**

LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 18

Distance from Property: 0.46 mi. W

FACILITY INFORMATION

LPST ID#: **094497** FACILITY ID#: **0023543**

REPORTED DATE: **1/3/1990**

NAME: **PORT OF HOUSTON AUTHORITY**

ADDRESS: **8515 CLINTON DR**

HOUSTON ,TX

FACILITY LOCATION: **8515 CLINTON DR TURNING BASIN 24 & 25 & 26**

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

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

TANK INFORMATION

TANKID#/TYPE: **TB-25/UST** INSTALLED: **01/01/1978**

CAPACITY(gal.): **6000** CONTENTS: **DIESEL**

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

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

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

NOT REPORTED / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **PORT OF HOUSTON AUTHORITY**

ADDRESS: **PO BOX 2562**

HOUSTON, TX 77252

CONTACT: **LAURA WOLFE**

PHONE: **713-226-2139**

STATUS(DATE): **REMOVED FROM GROUND (12/13/1990)**

INNOCENT OWNER / OPERATOR DATABASE (IOP)

MAP ID# 19

Distance from Property: 0.46 mi. N

FACILITY INFORMATION

ID#: 45

DATE IOP RECEIVED: 6/22/1998

CERTIFICATE ISSUED: NOT REPORTED

NAME: BEN ROBINSON COMPANY

ADDRESS: 8658 MARKET STREET
HOUSTON, TX

CONTAMINANTS: LEAD

MEDIA AFFECTED: NOT REPORTED

PHASE: REJECTED

PROPERTY USE: USED STEEL PIPE YARD

ACRES: 10

OTHER CONTACTS (CONSULTANT/ATTORNEY)

ORGANIZATION: ES&C

JOHN ZIEGLER, CONSULTANT

P.O. BOX 2791

SPRING, TX 77383-2791

PHONE: 281-209-1680

FAX: 281-209-1680

APPLICANT INFORMATION

ORGANIZATION: BEN ROBINSON COMPANY
JOHN ZIEGLER, PRESIDENT

ADDRESS: 8658 MARKET STREET
HOUSTON, TX 77027

INTEREST IN SITE: OWNER

PHONE: 713-672-7585

FAX: 713-672-6037

LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 20

Distance from Property: 0.47 mi. SW

FACILITY INFORMATION

LPST ID#: 118356 FACILITY ID#: NOT REPORTED

REPORTED DATE: 4/20/2010

NAME: COMMERCIAL PROPERTY

ADDRESS: 2005 MCCARTY RD
HOUSTON ,TX

FACILITY LOCATION: 2005 MCCARTY RD

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

STATUS CODE: (6P) FINAL CONCURRENCE PENDING DOCUMENTATION OF WELL PLUGGING

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: ABREGO VENTURES

ADDRESS: 2105 MCCARTY RD
HOUSTON, TX 77007

CONTACT: DANNY ABREGO

PHONE: 713-672-9894



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 21

Distance from Property: 0.49 mi. SW

FACILITY INFORMATION

LPST ID#: **105622** FACILITY ID#: **0032271**

REPORTED DATE: **12/17/1992**

NAME: **ALS TIRE REPAIR**

ADDRESS: **2010 MCCARTY RD**

HOUSTON ,TX

FACILITY LOCATION: **2010 MCCARTY ROAD**

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

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

TANK INFORMATION

TANKID#/TYPE: **2/UST** INSTALLED: **01/01/1978**

STATUS(DATE): **REMOVED FROM GROUND (12/17/1992)**

CAPACITY(gal.): **4000** CONTENTS: **DIESEL**

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

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

TANK/PIPE RELEASE DETECTION:

NOT REPORTED / NOT REPORTED

TANK/PIPE CORROSION PROTECTION:

NOT REPORTED / NOT REPORTED

SPILL/OVERFILL PROTECTION: **NOT REPORTED**

PRP INFORMATION

NAME: **JOHNSON H C**

ADDRESS: **4221 FEAGAN**

HOUSTON, TX 77007

CONTACT: **ESTHER SIMON**

PHONE: **713-862-8878**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 22

Distance from Property: 0.49 mi. N

SITE INFORMATION

UNIQUE ID: 26FVGC016UX5

SITE ID: FATR200626FVGC016UX5

NAME: OWENS CORNING ROOFING & ASPHALT LLC

ADDRESS: 8360 MARKET STREET

HOUSTON, TX 77029

SIGNED DATE: 2/7/2007

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

SITE TYPE: ASPHALT FELT AND COATINGS

CHEMICAL LOCATION:

2.5 TONS TOTES INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

2.5 TON TOTES INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

ABOVE GROUND SILO INSIDE PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

ABOVE GROUND TANKS WEST OF ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

ANNEX BUILDING WEST OF ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

BULK STORAGE TANK SOUTH OF PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

BULK STORAGE TANK WEST OF ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

HOT OIL LINES AND TANK JACKETS

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

INSIDE ROOFING PLANT SOUTH OF PALLETIZER

CHEMICAL AMOUNT: NOT REPORTED



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIER II)

CHEMICAL LOCATION:

OUTSIDE BAY WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

POURING SHEDS WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

RAIL SPUR EAST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

RAIL SPUR EAST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

TANK ON COVERED DIKED STORAGE PAD WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

TANKER TRUCKS

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

WEST OF POURING SHED

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: **PROPANE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **SILICA DIOXIDE**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **ASPHALT PRODUCTS**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ROOFING GRANULES**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DOLOMATIC LIMESTONE - CRUSHED**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **THERMINOL 55 HEAT TRANSFER FLUID**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **RIDGELAND RELEASE AGENT 533**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **DIESEL FUEL #2**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FIBROUS MAT**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **WALKOTE WALL PAINT**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **STYRENE BUTADIENE STYRENE BLOCK POLYMER**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **COPPER OXIDE (ROOFING GRANULES)**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **COPPER OXIDE (ROOFING GRANULES)**

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **NOT REPORTED** MIXTURE: **YES**

MIXTURE CHEMICAL: **NOT REPORTED**

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 22

Distance from Property: 0.49 mi. N

SITE INFORMATION

UNIQUE ID: 6C18HY002CPM

SITE ID: FATR20096C18HY002CPM

NAME: OWENS CORNING HOUSTON ROOFING AND ASPHALT LLC

ADDRESS: 8360 MARKET STREET ROAD
HOUSTON, TX 77029

SIGNED DATE: 2/19/2010

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: NOT REPORTED

SITE DETAILS

CHEMICAL LOCATION:

2.5 TONS OF TOTES INSIDE PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

2.5 TON TOTES INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

AST WEST OF ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

ABOVE GROUND SILO INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

ANNEX BUILDING WEST OF ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

BULK STORAGE TANK WEST OF ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

HOT OIL LINES AND TANK JACKETS

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

INSIDE ROOFING PLANT

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL LOCATION:

MANUFACTUREING FLOOR NEAR BREAK ROOM

CHEMICAL AMOUNT: NOT REPORTED



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

OUTSIDE BAY WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

POURING SHEDS WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

RAIL SPUR EAST OF PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

SOUTH DOCK

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

TANK ON COVERED DIKED STORAGE PAD - WEST

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

INSIDE ROOFING PLANT SOUTH OF PALLETIZER

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

RAIL SPUR EAST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

TANKER TRUCKS

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

2.5 TONS OF TOTES INSIDE PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

2.5 TON TOTES INSIDE ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

AST WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

ABOVE GROUND SILO INSIDE ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

ANNEX BUILDING WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

BULK STORAGE TANK WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

HOT OIL LINES AND TANK JACKETS

CHEMICAL AMOUNT: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL LOCATION:

INSIDE ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

INSIDE ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

MANUFACTUREING FLOOR NEAR BREAK ROOM

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

OUTSIDE BAY WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

POURING SHEDS WEST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

RAIL SPUR EAST OF PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

SOUTH DOCK

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

TANK ON COVERED DIKED STORAGE PAD - WEST

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

INSIDE ROOFING PLANT SOUTH OF PALLETIZER

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

RAIL SPUR EAST OF ROOFING PLANT

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

TANKER TRUCKS

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: **PROPANE**

MAXIMUM AMOUNT: **4230 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **AC 10 (ASPHALT)**

MAXIMUM AMOUNT: **9927365 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **COPPER OXIDE**

MAXIMUM AMOUNT: **200000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **DIESEL FUEL**

MAXIMUM AMOUNT: **4000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DOLOMATIC LIMESTONE - CRUSHED**

MAXIMUM AMOUNT: **300000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FIBROUS MAT**

MAXIMUM AMOUNT: **500000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **RIDGELAND RELEASE AGENT 533**

MAXIMUM AMOUNT: **2808 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ROOFING GRANULES**

MAXIMUM AMOUNT: **1500000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **SILICA DIOXIDE**

MAXIMUM AMOUNT: **85000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **THERMINOL 55 HEAT TRANSFER FLUID**

MAXIMUM AMOUNT: **2000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **WALKOTE WALL PAINT**

MAXIMUM AMOUNT: **900 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **STYRENE BUTADIENE STYRENE BLOCK POLYMER (WEATHERGUARD MAT)**

MAXIMUM AMOUNT: **30000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **PROPANE**

MAXIMUM AMOUNT: **4230 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **AC 10 (ASPHALT)**

MAXIMUM AMOUNT: **9927365 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

CHEMICAL NAME: **COPPER OXIDE**

MAXIMUM AMOUNT: **200000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **DIESEL FUEL**

MAXIMUM AMOUNT: **4000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **DOLOMATIC LIMESTONE - CRUSHED**

MAXIMUM AMOUNT: **300000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **FIBROUS MAT**

MAXIMUM AMOUNT: **500000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **RIDGELAND RELEASE AGENT 533**

MAXIMUM AMOUNT: **2808 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **ROOFING GRANULES**

MAXIMUM AMOUNT: **1500000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **SILICA DIOXIDE**

MAXIMUM AMOUNT: **85000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: **THERMINOL 55 HEAT TRANSFER FLUID**

MAXIMUM AMOUNT: **2000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **WALKOTE WALL PAINT**

MAXIMUM AMOUNT: **900 UNITS** (value of unit not provided by reporting agency)

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

PURE: **NOT REPORTED** MIXTURE: **YES**

CHEMICAL NAME: **STYRENE BUTADIENE STYRENE BLOCK POLYMER (WEATHERGUARD MAT)**

MAXIMUM AMOUNT: **30000 UNITS** (value of unit not provided by reporting agency)

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

PURE: **YES** MIXTURE: **NOT REPORTED**

MIXTURE CHEMICAL: **NOT REPORTED**



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 22

Distance from Property: 0.49 mi. N

FACILITY INFORMATION

LPST ID#: **094107** FACILITY ID#: **NOT REPORTED**

REPORTED DATE: **1/19/1989**

NAME: **OWENS CORNING FIBERGLASS ALPHALT**

ADDRESS: **8360 MARKET**

HOUSTON ,TX

FACILITY LOCATION: **8360 MARKET**

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

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

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: **OWENS CORNING FIBERGLASS**

ADDRESS: **8360 MARKET**

HOUSTON, TX 77129

CONTACT: **BILL MORRIS**

PHONE: **713-672-7371**



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TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 23

Distance from Property: 0.50 mi. N

SITE INFORMATION

UNIQUE ID: 4B946B02N1H7

SITE ID: FATR20054B946B02N1H7

NAME: HUDSON TECHNOLOGIES COMPANY

ADDRESS: 960 PLEASANTVILLE

HOUSTON, TX 77029

SIGNED DATE: 3/28/2006

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: 275 NORTH MIDDLETOWN ROAD

PEARL RIVER, NY 10965

SITE DETAILS

SITE TYPE: THIRD PARTY WAREHOUSE

CHEMICAL LOCATION:

INSIDE WAREHOUSE

CHEMICAL AMOUNT: NOT REPORTED

CHEMICAL NAME: 1,1,1,2-TETRAFLUOROETHANE (HFC-134A)

MAXIMUM AMOUNT: NOT REPORTED

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

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: CHLORODIFLUOROMETHANE (HCFC-22)

MAXIMUM AMOUNT: NOT REPORTED

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

PURE: YES MIXTURE: NOT REPORTED



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

MAP ID# 23

Distance from Property: 0.50 mi. N

SITE INFORMATION

UNIQUE ID: 4XAGF6002TY1

SITE ID: FATR20094XAGF6002TY1

NAME: HUDSON TECHNOLOGIES COMPANY

ADDRESS: 960 PLEASANTVILLE

HOUSTON, TX 77029

SIGNED DATE: 2/13/2009

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: PO BOX 1541, ONE BLUE HILL PLAZA

PEARL RIVER, NY 10965

SITE DETAILS

SITE TYPE: PLUMB, HEAT & AIR CONDITIONING

SITE TYPE: PLUMB, HEAT & AIR CONDITIONING

SITE TYPE: PLUMB, HEAT & AIR CONDITIONING

CHEMICAL LOCATION:

NOT REPORTED

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL LOCATION:

NOT REPORTED

CHEMICAL AMOUNT: **NOT REPORTED**

CHEMICAL NAME: TETRAFLUOROETHANE (HFC-134A)

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: CHLORODIFLUOROMETHANE (R-22)

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: TETRAFLUOROETHANE (HFC-134A)

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: CHLORODIFLUOROMETHANE (R-22)

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: TETRAFLUOROETHANE (HFC-134A)

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**

CHEMICAL NAME: CHLORODIFLUOROMETHANE (R-22)

MAXIMUM AMOUNT: **NOT REPORTED**

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

PURE: **YES** MIXTURE: **NOT REPORTED**



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TIER I | CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

MAP ID# 24 Distance from Property: 0.57 mi. W

FACILITY INFORMATION

EPA ID#: TXD082684002 OWNER TYPE: PRIVATE
NAME: EXXON MOBIL OIL 99HCP OWNER NAME: EXXON MOBIL CORPORATION,
ADDRESS: 8230 STEDMAN ST OPERATOR TYPE: PRIVATE
HOUSTON, TX 770293928 OPERATOR NAME: EXXON MOBIL CORPORATION,
CONTACT NAME: DONNA HYMES
CONTACT ADDRESS: 800 E WASHINGTON ST EMES CO JD2
WEST CHESTER, PA 193804542
CONTACT PHONE: 610-430-8151
NON-NOTIFIER: NOT A NON-NOTIFIER
INDUSTRY CLASSIFICATION (NAICS)
32511 - PETROCHEMICAL MANUFACTURING
325211 - PLASTICS MATERIAL AND RESIN MANUFACTURING
325611 - SOAP AND OTHER DETERGENT MANUFACTURING
325613 - SURFACE ACTIVE AGENT MANUFACTURING
325998 - ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREP

ACTIVITY INFORMATION

GENERATOR STATUS: NOT A GENERATOR
SUBJECT TO CORRECTIVE ACTION UNIVERSE: YES
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: NO
TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: YES
NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: NO
CORRECTIVE ACTION WORKLOAD UNIVERSE: YES
IMPORTER: NO UNDERGROUND INJECTION: NO
MIXED WASTE GENERATOR: NO UNIVERSAL WASTE DESTINATION FACILITY: NO
RECYCLER: NO TRANSFER FACILITY: NO
TRANSPORTER: NO USED OIL FUEL BURNER: NO
ONSITE BURNER EXEMPTION: NO USED OIL PROCESSOR: NO
FURNACE EXEMPTION: NO USED OIL FUEL MARKETER TO BURNER: NO
USED OIL REFINER: NO SPECIFICATION USED OIL MARKETER: NO
USED OIL TRANSFER FACILITY: NO USED OIL TRANSPORTER: NO

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS

1987/08/08 FCI FOCUSED COMPLIANCE INSPECTION
1988/10/25 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1990/01/30 FRR FINANCIAL RECORD REVIEW
1990/06/21 FCI FOCUSED COMPLIANCE INSPECTION
1991/01/25 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1991/04/05 FCI FOCUSED COMPLIANCE INSPECTION
1991/04/29 NRR NON-FINANCIAL RECORD REVIEW
1991/12/11 NRR NON-FINANCIAL RECORD REVIEW
1993/04/21 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1993/07/28 NRR NON-FINANCIAL RECORD REVIEW



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RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

1995/03/23 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1997/07/14 CDI CASE DEVELOPMENT INSPECTION
1997/08/06 FCI FOCUSED COMPLIANCE INSPECTION
1997/12/09 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2005/11/30 CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
2005/12/01 FCI FOCUSED COMPLIANCE INSPECTION
2006/01/03 CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
2006/01/04 FCI FOCUSED COMPLIANCE INSPECTION
2006/01/23 CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
2006/01/24 FCI FOCUSED COMPLIANCE INSPECTION
2011/11/21 CAC CORRECTIVE ACTION COMPLIANCE EVALUATION

VIOLATIONS

1987/08/08 268.A LDR - GENERAL
1988/10/25 264.A TSD - GENERAL
1988/10/25 268.A LDR - GENERAL
1988/10/25 XXS STATE STATUTE OR REGULATION
1990/06/21 268.A LDR - GENERAL
1990/06/21 XXS STATE STATUTE OR REGULATION
1991/01/25 264.A TSD - GENERAL
1991/01/25 XXS STATE STATUTE OR REGULATION
1993/04/21 262.A GENERATORS - GENERAL
1993/04/21 264.A TSD - GENERAL
1993/04/21 268.A LDR - GENERAL
1993/04/21 XXS STATE STATUTE OR REGULATION
1995/03/23 262.A GENERATORS - GENERAL
1995/03/23 XXS STATE STATUTE OR REGULATION
1997/12/09 262.A GENERATORS - GENERAL
1997/12/09 262.B GENERATORS - MANIFEST
1997/12/09 268.A LDR - GENERAL
1997/12/09 XXS STATE STATUTE OR REGULATION

ENFORCEMENTS

1988/06/14 210 INITIAL 3008(A) COMPLIANCE
1988/12/08 120 WRITTEN INFORMAL
1989/07/12 310 FINAL 3008(A) COMPLIANCE ORDER
1990/08/09 110 VERBAL INFORMAL
1990/10/26 120 WRITTEN INFORMAL
1991/02/22 120 WRITTEN INFORMAL
1991/03/14 210 INITIAL 3008(A) COMPLIANCE
1992/01/30 110 VERBAL INFORMAL
1993/05/13 120 WRITTEN INFORMAL
1995/03/23 110 VERBAL INFORMAL
1997/12/09 110 VERBAL INFORMAL

HAZARDOUS WASTE

D000

D001 IGNITABLE WASTE



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RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D019	CARBON TETRACHLORIDE
D022	CHLOROFORM
D023	O-CRESOL
D024	M-CRESOL
D025	P-CRESOL
D027	1,4-DICHLOROBENZENE
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D035	METHYL ETHYL KETONE
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F024	PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES, FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)
P028	BENZENE, (CHLOROMETHYL)-
P053	
U031	1-BUTANOL (I)
U052	CRESOL (CRESYLIC ACID)
U122	FORMALDEHYDE
U154	METHANOL (I)
U161	4-METHYL-2-PENTANONE (I)
U165	NAPHTHALENE
U220	BENZENE, METHYL-
U230	

U239 BENZENE, DIMETHYL- (I,T)

STATE SUPERFUND SITES (SF)

MAP ID# 25

Distance from Property: 0.60 mi. N

SITE INFORMATION

ID: TXD990706145

NAME: **FEDERATED METALS**

LOCATION: **HOUSTON, HARRIS COUNTY**

FACILITY TYPE: **MAGNESIUM DROSS / SLUDGE DISPOSAL, INACTIVE LANDFILL**

CATEGORY: **LISTED ON REGISTRY**

MEDIA AFFECTED: **SOIL, GROUNDWATER**

HAZARD RANKING SCORE: **21.28**

CONTAMINANTS: **BARIUM, LEAD, MAGNESIUM**

STATUS: **EVALUATION UNDER WAY**

SITE BACKGROUND

THE FEDERATED METALS SUPERFUND SITE IS LOCATED AT 9200 MARKET STREET, BEHIND THE SOUTH SIDE OF THE FEDERATED METALS PLANT AT THE INTERSECTION OF MARKET STREET AND INTERSTATE 610 IN HOUSTON. THE SITE, NOW INACTIVE, IS BOUND ON THE NORTH BY THE MISSOURI PACIFIC RAILROAD, ON THE WEST BY INTERSTATE 610 AND ON THE SOUTH BY A DIKED AREA FORMERLY USED FOR THE DISPOSAL OF CHANNEL DREDGINGS. THE LANDFILL WAS USED AS A DISPOSAL FACILITY FROM THE 1940S TO 1979 FOR MAGNESIUM DROSS AND SLUDGE AND REFRACTORY BRICK FROM RECOVERY ACTIVITIES OF NONFERROUS METAL ALLOYS; BREAKOUT MATERIAL FROM ELECTROLYTIC CHLORINE CELLS SUCH AS GRAPHITE ANODES, ASBESTOS MATERIAL AND CONTAMINATED CONCRETE; GASKET RUBBER RINGS AND OTHER WASTE MATERIALS. BETWEEN 1945 AND 1979, THE MAGNESIUM CONCENTRATION IN THE SLUDGE WAS SO HIGH THAT THE FIELD SPONTANEOUSLY IGNITED ON SEVERAL OCCASIONS.

UPON FURTHER INVESTIGATION, THE FEDERATED METALS SUPERFUND SITE BOUNDARIES HAVE BEEN ENLARGED TO INCLUDE THE PRODUCTION FACILITY IMMEDIATELY NORTH OF THE UNION PACIFIC RAILROAD TRACKS. MARKET STREET NOW REPRESENTS THE SITE'S NORTHERNMOST BOUNDARY, WHILE COMMERCIAL AND VACANT PRIVATE PROPERTY MARK THE SITE'S EASTERN BOUNDARY. IN ADDITION, PLEASE NOTE THAT CONDITIONS AT THE SITE ARE SUCH THAT ANOTHER MAGNESIUM FIRE COULD NOT OCCUR.

PROJECT CONTACT: **APRIL PALMIE**

COMMUNITY RELATIONS COORDINATOR: **CRYSTAL TAYLOR**

FUNDED BY: **POTENTIALLY RESPONSIBLE PARTIES**

RECORDS REPOSITORY: **PLEASANTVILLE BRANCH LIBRARY**

1520 GELLHORN DR.

HOUSTON TX 77029

713/676-0693

TCEQ RECORDS MANAGEMENT CENTER

12100 PARK 35 CIRCLE

AUSTIN, TX 78753

512/239-2920

SUPERFUND ACTIONS TAKEN TO DATE

JULY 25, 1986, A LEGAL NOTICE WAS PUBLISHED IN THE TEXASREGISTER (11 TEXREG 3421-3422) ANNOUNCING A SERIES OF PUBLIC MEETINGS ACROSS THE STATE TO COLLECT INFORMATION AND RECEIVE COMMENTS ON CONSTITUTING THE INITIAL STATE SUPERFUND REGISTRY AND ANNOUNCING A HEARING WOULD BE HELD AT THE HOUSTON-GALVESTON AREA COUNCIL OF GOVERNMENTS ON AUGUST 21, 1986 AND A SECOND HEARING WOULD BE HELD AT THE STEPHEN F. AUSTIN BUILDING IN AUSTIN ON AUGUST 28, 1986.



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STATE SUPERFUND SITES (SF)

JANUARY 16, 1987, FEDERATED METALS BECAME 1 OF 10 SITES ON THE FIRST TEXAS SUPERFUND REGISTRY (12 TEXREG 205).

NOVEMBER 21, 1990, REMEDIAL INVESTIGATION WORK PLAN SUBMITTED TO TNRCC BY PRP FOR REVIEW.

JUNE 30, 1993, EFFECTIVE DATE OF A TNRCC AGREED ORDER THAT WAS SIGNED BY POTENTIALLY RESPONSIBLE PARTIES TO DETERMINE THE NATURE AND EXTENT OF CONTAMINANTS (REMEDIAL INVESTIGATION).

SEPTEMBER 1, 1993, EFFECTIVE DATE OF THE CREATION OF THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION FROM THE JOINING OF THE TEXAS WATER COMMISSION AND THE TEXAS AIR CONTROL BOARD AND A PORTION OF THE TEXAS DEPARTMENT OF HEALTH.

MAY 31, 1994, REMEDIAL INVESTIGATION UNDER WAY.

FEBRUARY 15, 1995, A COMMUNITY RELATIONS PLAN WAS PREPARED FOR THE FEDERATED METALS SITE. THE COMPLETE COMMUNITY RELATIONS PLAN IS AVAILABLE AS PART OF OFFICIAL REPOSITORY RECORDS AT THE PLEASANTVILLE BRANCH LIBRARY AND AT THE TCEQ RECORDS MANAGEMENT CENTER.

JANUARY 23, 1996, TNRCC APPROVED THE POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION PHASE I REPORT AND ADDENDUM REPORTS.

APRIL 2, 1996, REMEDIAL INVESTIGATION WORKPLAN PHASE II SUBMITTED TO TNRCC BY THE POTENTIALLY RESPONSIBLE PARTY FOR REVIEW.

AUGUST 28, 1996, TNRCC APPROVED THE PRP'S PHASE II REMEDIAL INVESTIGATION WORKPLAN.

APRIL 1, 1997, TNRCC RECEIVED A REPORT ON PHASE II REMEDIAL INVESTIGATION WORK THAT HAD BEEN COMPLETED TO THAT DATE. THE REPORT INCLUDED CONCLUSIONS FROM THE DATA COLLECTED AND RECOMMENDATIONS FOR FURTHER WORK.

OCTOBER 14, 1998, TNRCC NEGOTIATED RIGHT-OF-ENTRY AND SAMPLING AGREEMENT WITH UNION PACIFIC RAILROAD.

NOVEMBER 4, 1998, EXCAVATION UNDER WAY TO VERIFY BURIED WASTE PILES IDENTIFIED BY A GEOPHYSICAL SURVEY. WET WEATHER FORCED DELAY OF EXCAVATION ACTIVITIES THROUGH MOST OF NOVEMBER AND DECEMBER AND CONTINUED THROUGH FEBRUARY 1999.

JANUARY 15, 1999, TNRCC APPROVED INTERIM REPORT OF THE GEOPHYSICAL SURVEY.

MARCH 19, 1999, EXCAVATION RESUMED TO LOCATE BURIED WASTE.

MAY 20, 1999, PHASE II REMEDIAL INVESTIGATION UNDERWAY.

AUGUST 5, 1999, TNRCC APPROVED THE JULY 1999 SAMPLING AND ANALYSIS PLAN.

FEBRUARY 4, 2000, RESULTS FROM THE FINAL GROUNDWATER SAMPLING CONDUCTED AUGUST, 1999, CONCLUDED THAT THE SINGLE INSTANCE OF TCE WAS FROM A SOURCE UNRELATED TO THE SITE.

JUNE 12, 2000, ADDITIONAL TRENCHING WAS UNDERWAY.

SEPTEMBER 12, 2000, PRPS SUBMITTED A REVISED REPORT ON THE CHARACTERIZATION OF MATERIALS WHICH INCORPORATED ALL OF THE COMMENT INCLUDED IN THE APRIL



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14, 2000, REVIEW.

NOVEMBER 10, 2000, TNRCC SPECIALISTS MET WITH CONSULTANTS REPRESENTING THE PRPS AND DISCUSSED THE SEPTEMBER 12, 2000, REVISED REPORT ON THE CHARACTERIZATION OF MATERIALS.

SEPTEMBER 1, 2002, EFFECTIVE DATE OF THE NAME CHANGE FROM TEXAS NATURAL RESOURCE CONSERVATION COMMISSION (TNRCC) TO TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ).

JANUARY 10, 2003, THE TCEQ PROJECT MANAGER PROVIDED SUPPLEMENTAL INFORMATION IN RESPONSE TO CONCERNS ABOUT INORGANIC METALS AND THE REMEDIAL INVESTIGATION, AND REQUESTED DEVELOPMENT OF A WORK PLAN.

AUGUST 2004, TCEQ REQUESTED THE RESPONSIBLE PARTY TO PROCEED WITH THE CONSTRUCTION OF A SECURITY FENCE AT THE SITE.

SEPTEMBER 2004, THE RESPONSIBLE PARTY RESPONDED TO TCEQ'S REQUEST BY AUTHORIZING THEIR CONSULTANT TO DIRECT CONSTRUCTION OF A FENCE CONSISTENT WITH TCEQ GUIDELINES.

NOVEMBER 2004, CONSTRUCTION OF THE SECURITY FENCE WAS COMPLETED.

DECEMBER 2004, TCEQ RECEIVED A NOTICE THAT THE SECURITY FENCE CONSTRUCTION HAD BEEN INSPECTED AND FOUND TO BE CONSISTENT WITH TCEQ GUIDELINES.

JANUARY 2005, THE POTENTIALLY RESPONSIBLE PARTIES BEGAN PREPARING A WORK PLAN TO IDENTIFY THE ADDITIONAL LEVEL OF EFFORT REQUIRED TO CHARACTERIZE THE MATERIAL AT THE SITE TO SUPPORT A FEASIBILITY STUDY AND REMEDIATION OF THE WASTE.

MAY 19, 2005, THE SITE PERIMETER FENCE WAS INSPECTED AND GROUNDWATER OF FOUR WELLS ON SITE WAS SAMPLED.

NOVEMBER 9, 2005, GROUNDWATER OF FOUR WELLS ON SITE WAS SAMPLED.

JANUARY 19, 2006, THE ANNUAL GROUNDWATER SAMPLING REPORT WAS RECEIVED. ELEVATED LEVELS OF TRICHLOROETHENE (TCE) WERE NOTED IN MONITOR WELL NO. 1 AND GROSS BETA IN MONITOR WELL NO. 2.

JUNE 7, 2006, LETTERS WERE SENT TO THE RESPONDENT AND THE OWNER OF THE PROPERTY ADJACENT TO THE EAST ADVISING THAT ACCESS TO THE ADJACENT PROPERTY IS ESSENTIAL TO THE CONTINUATION OF THE REMEDIAL INVESTIGATION.

JUNE 22, 2006, THE RESPONDENT WAS ADVISED BY TCEQ THAT WASTE CHARACTERIZATION NEEDS TO BE COMPLETED FOR INPUT TO THE REMEDIAL INVESTIGATION.

JUNE 23, 2006, THE RESPONDENT WAS ADVISED THAT ADDITIONAL GROUNDWATER SAMPLING AND ANALYSIS IS REQUIRED FOR INPUT TO THE REMEDIAL INVESTIGATION.

JULY 7, 2006, THE OWNER OF THE ADJACENT PROPERTY INFORMED TCEQ BY LETTER THAT THEY ARE WILLING TO ALLOW ACCESS FOR THE RESPONDENT TO PERFORM REMEDIAL INVESTIGATION WORK ON THEIR PROPERTY.

JULY 10, 2006, REPRESENTATIVES OF TCEQ AND THE RESPONDENT MET TO DISCUSS AND CLARIFY THE CONTENTS OF THE JUNE 22 AND JUNE 23 LETTERS REQUESTING ADDITIONAL WASTE CHARACTERIZATION AND GROUNDWATER INVESTIGATION. AUGUST 2, 2006, THE RESPONDENT REQUESTED AN EXTENSION OF TIME TO PROVIDE RESPONSES TO TCEQ LETTERS OF

STATE SUPERFUND SITES (SF)

JUNE 22 AND JUNE 23, REGARDING PLANS FOR WASTE CHARACTERIZATION AND GROUNDWATER INVESTIGATION.

AUGUST 8, 2006, TCEQ GRANTED AN EXTENSION OF TIME TO SEPTEMBER 14, 2006.

AUGUST 11, 2006, THE RESPONDENT RECEIVED APPROVAL FROM FEDERAL BANKRUPTCY COURT FOR A LOAN OF UP TO \$120,000 TO PERFORM INVESTIGATION WORK AT THE FEDERATED METALS SITE.

SEPTEMBER 13, 2006, IN A LETTER FROM THE RESPONDENT CONCERNING THE JUNE 22 AND JUNE 23 REQUESTS FOR REMEDIAL INVESTIGATION PLANS, THE RESPONDENT SAID THAT THEY WOULD PROVIDE A SITE CLEANUP PLAN BY NOVEMBER 1, 2006.

SEPTEMBER 29, 2006, IT WAS REQUESTED THAT THE RESPONDENT PROVIDE A WORK PLAN, A QUALITY ASSURANCE PLAN, AND A HEALTH AND SAFETY PLAN FOR WASTE CHARACTERIZATION AND GROUNDWATER INVESTIGATION (INTEGRAL PARTS OF A REMEDIAL INVESTIGATION) BY NOVEMBER 1, 2006.

OCTOBER 11, 2006, THE RESPONDENT PROVIDED A HEALTH AND SAFETY PLAN LIMITED ONLY TO UNDERBRUSH REMOVAL PRIOR TO STARTING SITE WORK.

OCTOBER 13, 2006, THE RESPONDENT WAS PROVIDED AN OUTLINE OF REQUIREMENTS FOR THE CONTENTS OF A WASTE CHARACTERIZATION PLAN.

OCTOBER 26, 2006, THE RESPONDENT WAS PROVIDED AN OUTLINE OF THE REQUIREMENTS FOR A GROUNDWATER INVESTIGATION PLAN.

OCTOBER 27, 2006, THE RESPONDENT WAS PROVIDED COMMENTS ON THE LIMITED SCOPE OF THE RESPONDENT'S OCTOBER 11 HEALTH AND SAFETY PLAN.

OCTOBER 31, 2006, THE RESPONDENT SUBMITTED A BRIEF THAT DISCUSSED WASTE CLEANUP, BUT THE SUBMITTAL WAS LACKING THE WASTE CHARACTERIZATION AND GROUNDWATER INVESTIGATION PLANS THAT WERE REQUESTED SEPTEMBER 29.

NOVEMBER 20, 2006, A REVISED HEALTH AND SAFETY PLAN WAS SUBMITTED BY THE RESPONDENT FOR REVIEW BY TCEQ.

DECEMBER 8, 2006, THE RESPONDENT WAS PROVIDED COMMENTS ON THE PROPOSED FIELD SAMPLING PLAN.

JANUARY 9, 2007, THE RESPONDENT WAS PROVIDED AN OUTLINE OF A GENERAL PLAN TO CONTINUE WITH THE REMEDIAL INVESTIGATION.

JANUARY 24, 2007, REPRESENTATIVES OF TCEQ AND THE RESPONDENT MET TO DISCUSS SITE CLEARING, RESUMPTION OF GROUNDWATER MONITORING AND OFF-SITE WASTE CHARACTERIZATION.

MARCH 21, 2007, TCEQ APPROVED THE FINAL STATEMENT OF WORK (SOW), HEALTH AND SAFETY PLAN, FIELD SAMPLING PLAN, AND THE QUALITY ASSURANCE PROJECT PLAN AS SUBMITTED BY THE RESPONDENT FOR THE GROUNDWATER SAMPLING AND ANALYSIS.

MARCH 23, 2007, THE RESPONDENT COMPLETED GROUNDWATER SAMPLING AND ANALYSIS OF FOUR ON-SITE MONITOR WELLS.

JUNE 1, 2007, GROUNDWATER MONITORING WAS COMPLETED ON 14 WELLS.

STATE SUPERFUND SITES (SF)

JULY 2007, STORMWATER INVESTIGATION WAS CONDUCTED BY ASARCO MASTER, INC., ADJACENT TO THE I-610 OFF-RAMP TO MARKET STREET. PUMPING AND CONTROL OF STORMWATER WAS INITIATED BY ASARCO MASTER, INC., THROUGH GARNER ENVIRONMENTAL SERVICES.

AUGUST 2007, STORMWATER INVESTIGATION AND CONTROL WAS ONGOING.

SEPTEMBER 2007, A WORK PLAN TO INITIATE WASTE REMOVAL WAS RECEIVED, REVIEWED AND APPROVED BY THE TCEQ. THE WORK PLAN WAS SUBMITTED BY ENERGYSOLUTIONS ON BEHALF OF ASARCO MASTER, INC.

OCTOBER 2, 2007, A PUBLIC MEETING WAS HELD TO INFORM INTERESTED PARTIES OF THE UPCOMING WASTE REMOVAL ACTION.

MAY 2008 :

CURRENT PHASE OF EXCAVATION, IN THE LANDFILL AREA, IS EXPECTED TO BE COMPLETE BY LATE SUMMER 2008.

DISCUSSIONS FOR ADDITIONAL SITE WORK ARE ON-GOING. PHASE II EVALUATION WILL BE NECESSARY TO REMOVE ANY ADDITIONAL BURIED WASTE AND TO ADDRESS GROUNDWATER CONTAMINATION.

SOIL AND GROUNDWATER INVESTIGATIONS HAVE BEEN CONDUCTED IN THE PRODUCTION AREA TO DETERMINE THE SITE'S HYDRO-GEOLOGY AND THE EXTENT OF CONTAMINATION. TCEQ IS AWAITING RECEIPT OF THE FINAL REPORT.

ASARCO MASTER, INC IS STILL IN NEGOTIATIONS WITH THE TCEQ AND THE ATTORNEY GENERAL'S OFFICE TO ENTER INTO AN AGREED ADMINISTRATIVE ORDER ON THE CLEANUP OF THE SITE.

JULY 2008, ADDITIONAL INVESTIGATIVE REPORTS HAVE BEEN RECEIVED BY THE TCEQ. MORE EXTENSIVE INVESTIGATION IS REQUIRED.

AUGUST 28, 2008, PURSUANT TO AN AGREED ORDER, ENVIRONMENTAL LIABILITY TRANSFER, INC., AND ENERGYSOLUTIONS, LLC, TOOK OVER REMEDIATION OF THE FACILITY, THEREBY ASSUMING ASARCO MASTER, INC.'S ENVIRONMENTAL OBLIGATIONS AT THE PROPERTY.

FEBRUARY 2009, READ THE TEXT OF THE SITE UPDATE IN PDF FORMAT.

JUNE, 29, 2010, PHASE II EXCAVATION IN THE LANDFILL AREA IS PROGRESSING RAPIDLY AND IS EXPECTED TO BE COMPLETED IN THE NEAR FUTURE. REMEDIAL INVESTIGATION REPORTS AND FEASIBILITY STUDIES ARE INCOMING TO THE TCEQ FOR THE PRODUCTION AREA OF THE SITE.

JULY 2010, THE TCEQ IS REVIEWING REMEDIAL INVESTIGATION REPORTS SUBMITTED BY THE RESPONSIBLE PARTY. RENOVATION ALONG THE PROPERTY AND I-610 TO DIVERT GROUNDWATER FROM THE RETENTION WALL HAS BEEN COMPLETED.

SEPTEMBER 2010, EXCAVATION IN THE SOUTHERN PARCEL IS COMPLETE. THE REMEDIAL INVESTIGATION REPORTS FOR BOTH SOIL AND GROUNDWATER HAVE BEEN REVIEWED AND REVISED. THE FINAL REPORTS ARE FORTHCOMING.

DECEMBER 2010, THE TCEQ REVIEWED AND APPROVED THE SOIL REMOVAL REPORT DOCUMENTING WORK ASSOCIATED WITH THE EXCAVATION AND OFF-SITE DISPOSAL ACTIVITIES ON THE SOUTHERN 14.7-ACRE PARCEL.

MAY 10, 2011, THE TCEQ MAILED A NEWSLETTER OUT TO RESIDENTS AND PROPERTY OWNERS.

OCTOBER-NOVEMBER 2011, THE TCEQ REVIEWED AND APPROVED THE SITE-SPECIFIC HEALTH AND SAFETY PLAN; RADIOLOGICAL CLOSURE WORK PLAN; SOLIDS, SOIL AND STORM WATER REMOVAL WORK PLAN; AND THE SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT.

STATE SUPERFUND SITES (SF)

REPORT SUMMARY OF UNLOCATABLE SITES

DATABASE TYPE	SITE ID#	SITE NAME	ADDRESS	CITY	ZIP CODE
TIERII	4VZZ4W00VFDP	TXDOT-HOUSTON-CEN HOU. 610 E. LOOP / PORT ACCESS ROAD	610 E. LOOP / PORT ACCESS ROAD	HOUSTON	77029

TIER I / CHEMICAL REPORTING PROGRAM FACILITIES (TIERII)

SITE INFORMATION

UNIQUE ID: 4VZZ4W00VFDP
SITE ID: FATR20094VZZ4W00VFDP
NAME: TXDOT-HOUSTON-CEN HOU. 610 E. LOOP / PORT ACCESS ROAD
ADDRESS: 610 E. LOOP / PORT ACCESS ROAD
HOUSTON, TX 77029
SIGNED DATE: 12/31/2009
VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.
MAILING ADDRESS: 7721 WASHINGTON AVE
HOUSTON, TX 77007

SITE DETAILS

SITE TYPE: REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS

SITE TYPE: REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS

SITE TYPE: REG & ADMIN OF TRANS PROGRAMS

CHEMICAL LOCATION:

UNDER OVERPASS (STOCKPILE)

CHEMICAL AMOUNT: 463000 POUNDS

CHEMICAL LOCATION:

UNDER OVERPASS (STOCKPILE)

CHEMICAL AMOUNT: 463000 POUNDS

CHEMICAL LOCATION:

UNDER OVERPASS (STOCKPILE)

CHEMICAL AMOUNT: 463000 POUNDS

CHEMICAL NAME: ICE ROCK; LIMESTONE AGGRGATE W/ MAG. CHLORIDE

MAXIMUM AMOUNT: 463000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: ICE ROCK; LIMESTONE AGGRGATE W/ MAG. CHLORIDE

MAXIMUM AMOUNT: 463000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: ICE ROCK; LIMESTONE AGGRGATE W/ MAG. CHLORIDE

MAXIMUM AMOUNT: 463000 UNITS (value of unit not provided by reporting agency)

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

PURE: NOT REPORTED MIXTURE: YES

MIXTURE CHEMICAL: LIMESTONE

MIXTURE CHEMICAL: MAGNESIUM CHLORIDE GRANNUALS

MIXTURE CHEMICAL: LIMESTONE

MIXTURE CHEMICAL: MAGNESIUM CHLORIDE GRANNUALS

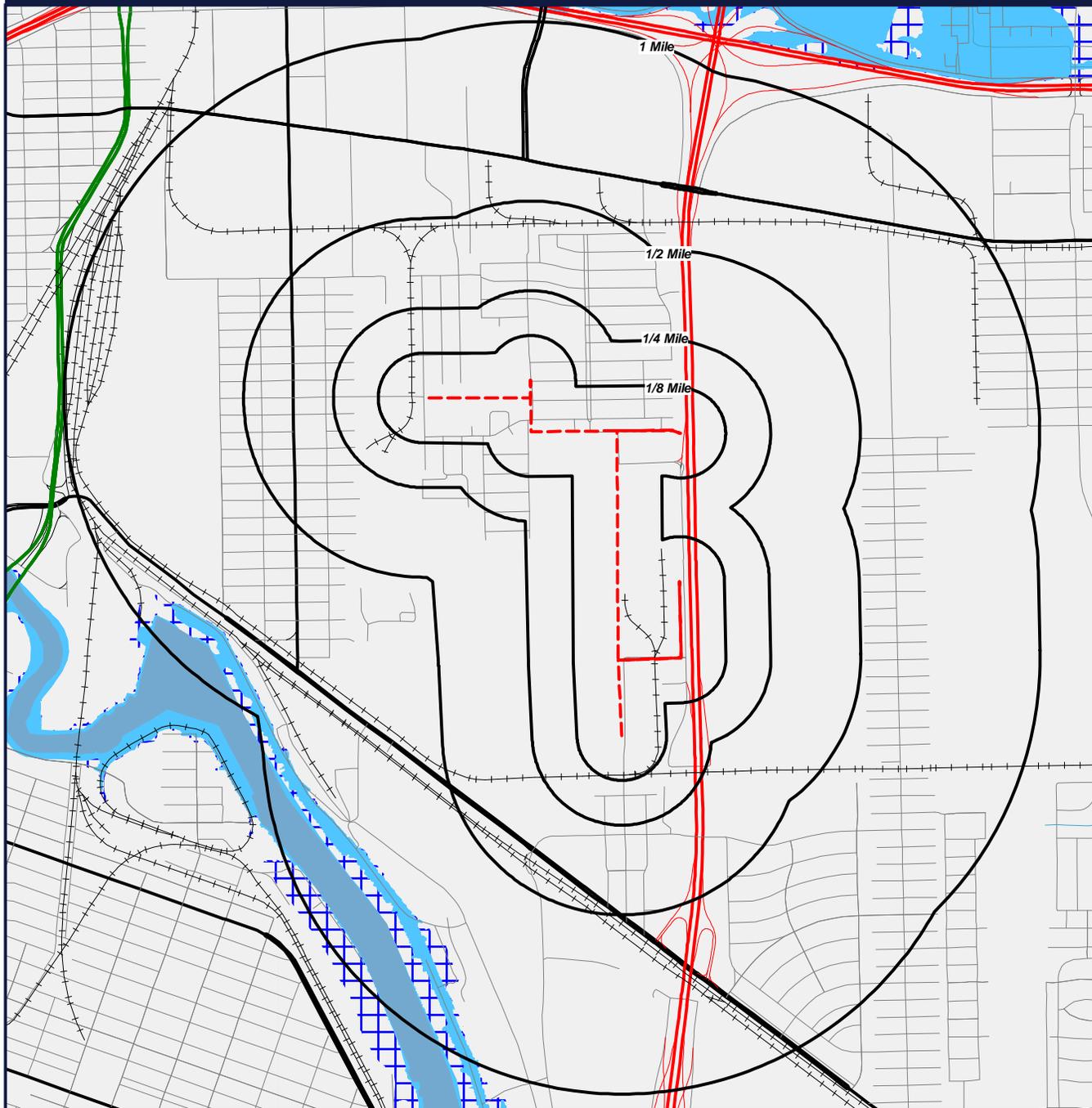
MIXTURE CHEMICAL: LIMESTONE

MIXTURE CHEMICAL: MAGNESIUM CHLORIDE GRANNUALS



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FEMA MAP

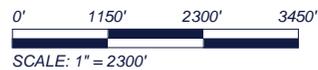


--- Target Property (TP)

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

**City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029**

Panel #: 48201C0660L



FEDERAL EMERGENCY MANAGEMENT AGENCY REPORT

FEMA - Federal Emergency Management Agency

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

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

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

FEMA Flood Zone Definitions Relevant to Map

X	Zone X
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An area that is determined to be outside the 100 and 500 year floodplains.

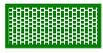


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NWI MAP



--- Target Property (TP)



NWI BOUNDARY



NDA - DIGITAL DATA NOT AVAILABLE

**City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029**



0' 1150' 2300' 3450'

SCALE: 1" = 2300'

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NATIONAL WETLANDS INVENTORY REPORT

NWI - National Wetlands Inventory

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

NWI Definitions Relevant to Map

PEM1Kh

SYSTEM: **PALUSTRINE**
CLASS: **EMERGENT**
SUBCLASS: **PERSISTENT**
WATER REGIME: **ARTIFICIALLY FLOODED**
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

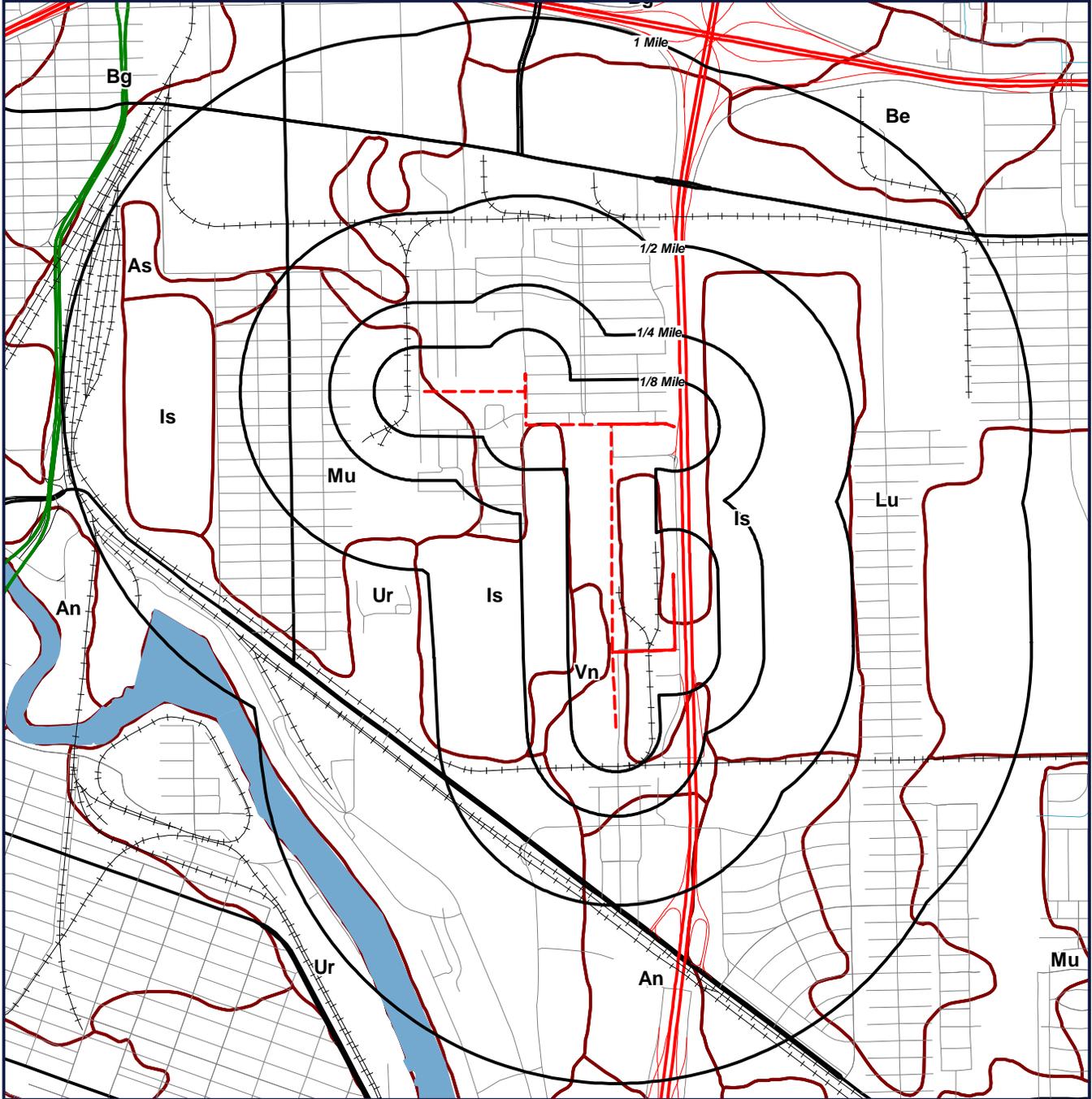
PUBFx

SYSTEM: **PALUSTRINE**
CLASS: **UNCONSOLIDATED BOTTOM**
WATER REGIME: **SEMIPERMANENTLY FLOODED**
SPECIAL MODIFIER: **EXCAVATED**



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SOIL SURVEY MAP



--- Target Property (TP)



SOIL BOUNDARY



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City of Houston -Pleasantville
Drainage Improvements
Houston, Texas
77029



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SOIL SURVEY REPORT

Soil Surveys

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

Soil Code Definitions Relevant to Map

NDA - DIGITAL DATA NOT AVAILABLE



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 8/2011

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

BF Brownfields Management System

VERSION DATE: 3/2012

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

BRS Biennial Reporting System

VERSION DATE: 1/2003

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

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 3/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

CERCLIS Comprehensive Environmental Response, Compensation & Liability Information System

VERSION DATE: 3/2012

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

DNPL Delisted National Priorities List

VERSION DATE: 3/2012

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

DOCKETS EPA Docket Data

VERSION DATE: 12/2005

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

DOD Department of Defense Sites

VERSION DATE: 12/2005

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

EC Federal Engineering Institutional Control Sites

VERSION DATE: 3/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

ERNSTX Emergency Response Notification System

VERSION DATE: 12/2011

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

FRSTX Facility Registry System

VERSION DATE: 12/2011

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

FUDS Formerly Used Defense Sites

VERSION DATE: 10/2011

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

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 12/2011

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

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 8/2011

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

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

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

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

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

MLTS Material Licensing Tracking System
VERSION DATE: 2/2012

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

NFRAP No Further Remedial Action Planned Sites
VERSION DATE: 3/2012

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

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities
VERSION DATE: 4/2012

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

NLRRCRAG No Longer Regulated RCRA Generator Facilities
VERSION DATE: 4/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

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

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

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

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 4/2012

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

NPDES06 National Pollutant Discharge Elimination System

VERSION DATE: 4/2007

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NPL National Priorities List

VERSION DATE: 3/2012

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

ODI Open Dump Inventory

VERSION DATE: 6/1985

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

PADS PCB Activity Database System

VERSION DATE: 10/2011

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

PCSR06 Permit Compliance System

VERSION DATE: 8/2011

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

PNPL Proposed National Priorities List

VERSION DATE: 3/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 4/2012

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

RCRAGR06 Resource Conservation & Recovery Act - Generator Facilities

VERSION DATE: 4/2012

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

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

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

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



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

RCRASC RCRA Sites with Controls

VERSION DATE: 10/2010

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

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

VERSION DATE: 4/2012

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

RODS Record of Decision System

VERSION DATE: 2/2012

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

SFLIENS CERCLIS Liens

VERSION DATE: 8/2011

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

SSTS Section Seven Tracking System

VERSION DATE: 12/2009

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



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

TRI Toxics Release Inventory

VERSION DATE: 12/2010

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

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/2006

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

ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

APAR Affected Property Assessment Reports

VERSION DATE: 12/2011

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

BSA Brownfields Site Assessments

VERSION DATE: 1/2012

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

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/2005

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

DCR Dry Cleaner Registration Database

VERSION DATE: 1/2012

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

GWCC Groundwater Contamination Cases

VERSION DATE: 12/2010

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



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

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

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: NR

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

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 2/2012

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

IOP Innocent Owner / Operator Database

VERSION DATE: 1/2012

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

LIENS TCEQ Liens

VERSION DATE: 2/2012

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

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 2/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

MSD Municipal Setting Designations

VERSION DATE: 1/2012

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

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 1/2012

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

NOV Notice of Violations

VERSION DATE: 1/2012

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

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 2/2012

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

PST Petroleum Storage Tanks

VERSION DATE: 2/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 4/2012

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

RWS Radioactive Waste Sites

VERSION DATE: 7/2006

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

SF State Superfund Sites

VERSION DATE: 3/2012

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

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 1/2012

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

SPILLS Spills Listing

VERSION DATE: 1/2012

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



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

TIERII Tier II Chemical Reporting Program Facilities

VERSION DATE: 12/2010

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

VCP Voluntary Cleanup Program Sites

VERSION DATE: 1/2012

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

WMRF Recycling Facilities

VERSION DATE: 10/2011

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



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ENVIRONMENTAL RECORDS DEFINITIONS - TRIBAL

INDIANRES Indian Reservations

VERSION DATE: 1/2000

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

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 7/2010

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

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/2006

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

USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 2/2012

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



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APPENDIX E

RECORDS OF COMMUNICATION



June 28, 2012

Mr. Nick J. Guillen
P.O. Box 10817
Houston 77206-0817
LEPC Phone: 713-884-4227
Spill Phone: 713-884-4227
E-Mail: nicholas.guillen@cityofhouston.net

Mr. Nick Guillen:

Half Associates, Inc. has been retained to conduct a Phase I Environmental Site Assessment on a +/- 2.4 miles of drainage improvements located in the Pleasantville and Glendale area, Houston, Texas. The purpose of this assessment is to identify potential environmental contamination or risk associated with the property.

I would like to request information your records may have concerning the property or adjacent properties, particularly those records pertaining to landfills, gravel mining activities, permit violations, citations, complaints, HAZMAT responses, hazardous material storage or disposal, fires, spills, chemical hazards, past remediation work, or underground storage tank installations/removals. At a minimum, we would like to obtain a listing of Hazardous Material Releases for the Houston Key Map coordinates of Page 495K, L, Q, and U.

Transmitted is a copy of the 2009 Houston Key Map (Page 495) indicating the location of the study area. If you have any questions or need any additional information, please do not hesitate to contact me. I can be reached at (713) 588-2444. Thank you for your assistance

Sincerely,

HALFF ASSOCIATES

A handwritten signature in cursive script that reads "Al Brunson".

Al Brunson
Environmental Scientist



June 28, 2012

Ms. Nekiea Corpening
Fire and EMS Records Division
Fax: (713) 646-5316

Dear Ms. Corpening:

Halff Associates, Inc. has been retained to conduct a Phase I Environmental Site Assessment on a +/- 2.4 miles of drainage improvements located in the Pleasantville and Glendale area, Houston, Texas. The purpose of this assessment is to identify potential environmental contamination or risk associated with the property.

Halff Associates, Inc. is requesting any information the Houston Fire Department may have concerning potential environmental concerns (i.e. fires, chemical spills, underground storage tank releases, etc.) associated with this property or adjacent properties. At a minimum, we would like to obtain a listing of Hazardous Material Releases for the Houston Key Map coordinates of Page 495K, L, Q, and U.

Transmitted is a copy of the 1990-1991 Houston Key Map (Page 495) indicating the location of the study area. If you have any questions or need any additional information, please do not hesitate to contact me. I can be reached at (713) 588-2444. Thank you for your assistance.

Sincerely,

HALFF ASSOCIATES, INC.

A handwritten signature in black ink that reads "Al Brunson".

Al Brunson
Environmental Scientist

APPENDIX F

REFERENCES AND BIOGRAPHY

LM
Kathleen Hartnett White, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
Larry R. Soward, *Commissioner*
Glenn Shankle, *Executive Director*



P/ACT3

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 18, 2005

RECEIVED

Mr. Jim Ware
Faust Distributing
PO Box 24728
Houston, TX 77029

MAR 22 2005
REGION 12

CERTIFIED MAIL
7003 3110 0003 0834 0320
RETURN RECEIPT REQUESTED

Re: Leaking Petroleum Storage Tank (LPST) Case Closure of Subsurface Release of Hydrocarbons at Faust Distributing, 8751 Flagship Drive, Houston (Harris County), Texas
LPST ID 115050 - Facility ID No. 11740 - Priority 4.1 - R-12

Dear Mr. Ware:

This letter confirms the completion of corrective action requirements for the release incident at the above-referenced facility. Based upon the submitted information and with the provision that the documentation provided to this agency was accurate and representative of site conditions, we concur with your conclusions and recommendations that the site has met the closure requirements. Therefore, no further corrective action is necessary. The justification for final closure includes, but is not limited to the following criteria:

- maximum soil concentrations exceed Plan A Category II levels; but are below health-based and construction worker target levels;
- maximum groundwater concentrations exceed Plan A Category II levels, but are below the default construction worker target levels, and the site is adequately delineated; and
- identified potential receptors do not appear threatened by this release.

Based upon the submitted information and with the provision that the documentation provided to this agency was accurate and representative of site conditions, we accept your conclusion and recommendation that the site has met closure requirements. No further corrective action will be necessary. Please note that financial assurance must be maintained for all operational storage tanks at this site. Please be aware that case closure is based on identified exposure pathways and that any remaining contaminant levels and potential exposure pathways should be evaluated when conducting any future soil excavation or construction activities at this site. Please ensure that any wastes generated from these activities are handled in compliance with all applicable regulations.

Please be advised that all monitor wells which are not now in use and/or will not be used in the next 180 days must be properly plugged and abandoned pursuant to Chapter 32.017 of the Texas Water Code and in accordance with Title 16, Texas Administrative Code (TAC), Section 76.1004. A State of Texas Plugging Report (Form No. TCEQ-0055) is required to be submitted to the Water Well Drillers Section of the Texas Department of Licensing and Regulation, P.O. Box 12157, Capitol Station, Austin, Texas 78711, within thirty (30) days of plugging completion. If you have any questions regarding the future use of an existing monitor well, please contact the Texas Department of Licensing and Regulation at 512/463-7880 or 800/803-9202.

Mr. Jim Ware
Page 2
March 18, 2005
LPST ID No. 115050

If any monitor well plugging or other necessary site restoration activities will be performed to complete site closure, complete a *Final Site Closure Report* and submit the report to the Central Office in Austin to document actual site closure. For sites eligible for reimbursement through the Petroleum Storage Tank Remediation Fund, written preapproval should be obtained prior to initiation of site closure activities. Reimbursement claims for activities that are not preapproved will not be paid until all claims for preapproved work are processed and paid.

Please note that the *Final Site Closure Report*, if necessary, will be the last submittal associated with this case. This letter signifies the completion of corrective action associated with the release. No subsequent TCEQ correspondence will be issued in response to the *Final Site Closure Report*.

Should you have any questions, please contact Michael L'Heureux of Darcy Environmental Group (TCEQ Privatization Contractor) at 512/342-8585, extension 23. **Please reference the LPST ID Number when making inquiries.** Your cooperation in this matter has been appreciated.

Sincerely,



Maria Lebron or Prasanthi Bollineni
Privatization Contract Manager
PST Responsible Party Remediation Section
Remediation Division

MCL/PVB/ml2
115050.fnn

Texas Commission on Environmental Quality
INTEROFFICE MEMORANDUM

TO : FILE DATE: 03/03/2004
Updated: 05/18/2004
Updated: 12/20/2004 & 02/28/2005

THRU : Maria Lebron, TCEQ On Site Supervisor
David Bratberg, Project Manager, Darcy Environmental Group

FROM : David Bratberg, Case Coordinator, Darcy Environmental Group
Michael L'Heureux, Case Coordinator, Darcy Environmental Group

RE : File Review of Subsurface Release of Hydrocarbons at Faust Distributing, 8751 Flagship Drive, Houston (Harris County), Texas
LPST ID NO.115050 - Facility ID No. 11740 - Priority 4.1 - R-12

Release Determination/Assessment History

- June-July 2000 - Line Repair. Soil samples above action levels, LPST 115050 issued.
- June 2002 - UST Removal. 240 cubic yards of soil disposed offsite.
- January 2001 - RBA, to date, 5 MWs installed.

Site Characteristics

- site is a former UST facility within a trucking distribution site. Future use to remain the same.
- site is 75-100% impervious cover.
- surrounding land use within 500' is commercial.

Soil Assessment

- 5 MWs
- maximum soil concentrations: 1.1 ppm benzene (Bottom 5' Grab)
12.50 ppm BTEX (Bottom 5' Grab)
370 ppm TPH (MW-8, 12-14')
- PAH analyses: < Plan A levels.
- soil levels are above Plan A levels, below health-based, and below default construction worker targets.
- no vapor problem indicated by sample or survey

Groundwater Assessment

- GWM from wells since 01/2001.
- DTW: ~7-13; wells screened appropriately; MW-2 sand @7', screen 9'
- GW gradient: north / NE
- TDS: 1200 ppm
- groundwater max:

<u>Historical (2001-2004)</u>	<u>Latest (08/13/2004)</u>
16 ppm benzene (MW-1, 08/13/04)	16 ppm benzene (MW-1)
97.5 ppm BTEX (MW-1, 08/13/04)	97.5 ppm BTEX (MW-1)
1440 ppm MTBE (MW-2, 02/26/03)	1000 ppm MTBE (MW-1)
340 ppm TPH (MW-1, 08/13/04)	340 ppm TPH (MW-1)
- PAH in GW: analyzed in MW-1 several times, always below action levels.

NAPL Recovery

- NAPL detected on site in well MW-2 (max 4.09', 04/02), & one time in MW-1 (0.11', 01/02); handbailing and 1 MDPE recovered est. 127 gallons, no NAPL since 11/02. Corrected water levels in 2003 about 1.5-3' higher than 2002, so NAPL may not be evident.

RECEIVED
MAR 22 2005
REGION 12

Receptors and Site Priority/Category

- No water wells within ½-mile;
- no surface water located within ½-mile of the site.
- Site located on Beaumont Formation, not considered to be a major/minor Aquifer
- Category II groundwater; Priority 4.1
- City provides municipal water
- underground utilities along street.

Open Receptor Pathways/Plume Delineation

- soil pathways open; none
- groundwater pathways: none.

Plume Delineation

- soil adequately delineated;
- GW delineation adequate; mcls in wells MW-3 (east lateral), MW-4 (downgradient)& MW-5 (upgradient). Not greatly delineated to the west (lateral), but ok, since MW-2 had NAPL previously, and MW-1 delineates the former NAPL plume. GW concentrations in MW-1 are the highest, and MW-1 delineates the GW plume to decreasing concentrations.

Pathway evaluation:

- maximum soil concentrations exceed Plan A Category II levels; but are below health-based and construction worker target levels;
- maximum groundwater concentrations exceed Plan A Category II levels, but are below the default construction worker target levels, and the site is adequately delineated;
- in MW-1 benzene concentrations have increased in each of the last two events to highest levels ever and TPH is at its highest level; and
- identified potential receptors do not appear threatened by this release.

Based on the above evaluation, site closure is recommended.

Current Submittals:

- 03/03/2004: PA17 (2 Q GWM, as proposed)
- 11/08/2004: AGMR (complete); SCR (complete); PA13 (P&A 5 wells).
Recommendations: reject SCR and PA 13 and require proposal for 2 quarterly events plus AGMR.
- 01/25/2005: SCR; PA13 (P&A 5 wells).
Recommendations: close site; approve PA13.

LM

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
PETROLEUM STORAGE TANK DIVISION
CORRESPONDENCE IDENTIFICATION SHEET

P/ACT3
RECEIVED
JAN 27 2005
REGION-12

Date: 1/21/05
Site Name: Faust Distributing Company
Site Address: 8751 Flagship Dr.
Houston, Texas

LPST ID No.: 115050
Facility ID No.: 11740

This checklist must accompany all correspondence submitted to the RPR Section and should be affixed to the front of your submittal as a cover page. Please check the appropriate box for the type of correspondence which you have submitted to the RPR Section. Check all boxes that apply if you are submitting more than one type of correspondence. If you cannot find an appropriate category, please complete the "other" section.

PROPOSALS		
<input type="checkbox"/> Initial Abatement (1)	<input type="checkbox"/> Tank Removal (2)	<input type="checkbox"/> Excavation (3)
<input type="checkbox"/> Waste Treatment (4)	<input type="checkbox"/> Site Assessment (5)	<input type="checkbox"/> Aquifer Testing (6)
<input type="checkbox"/> VES/Sparge Testing (7)	<input type="checkbox"/> Qtrly. GW Monitoring (8)	<input type="checkbox"/> CAP Prep. (9)
<input type="checkbox"/> GW Extrac./Treatment (10)	<input type="checkbox"/> Soil Vapor Extrac. (11)	<input type="checkbox"/> Operation & Main. (12)
<input checked="" type="checkbox"/> Site Closure (13)	<input type="checkbox"/> Plan A Risk Ass. (14)	<input type="checkbox"/> Plan B Risk Ass. (15)
<input type="checkbox"/> Semi-annual GW Mon. (16)*	<input type="checkbox"/> Annual GW Mon. (18)	<input type="checkbox"/> Product Recovery (19)
<input type="checkbox"/> Other proposal _____		

REPORTING FORMS	
<input type="checkbox"/> Assessment Report Form (TNRCC-0562)	<input type="checkbox"/> LPST Case Questionnaire
<input type="checkbox"/> Product Recovery Report Form (TNRCC-0016)	<input type="checkbox"/> Release Report Form (TNRCC-0621)
<input checked="" type="checkbox"/> Site Closure Request Form (TNRCC-0028)	<input type="checkbox"/> Monitoring Event Summary and Status Report (TNRCC-0013)
<input type="checkbox"/> Final Site Closure Report Form (TNRCC-0038)	<input type="checkbox"/> Priority 4 LPST Case Closure Request Form (TNRCC-0461)
<input type="checkbox"/> Other form _____	

REPORTS		
<input type="checkbox"/> Tank Closure/Removal	<input type="checkbox"/> Plan A Risk Assessment	<input type="checkbox"/> Annual Groundwater Monitoring
<input type="checkbox"/> O&M/Performance Mon.	<input type="checkbox"/> Plan B Risk Assessment	<input type="checkbox"/> CAP Installation/Modification
<input type="checkbox"/> Property Divestiture/Phase I ESA	<input type="checkbox"/> Corrective Action Plan (CAP)	<input type="checkbox"/> Aquifer/Pilot Test Results

MISCELLANEOUS	
<input type="checkbox"/> Off-site access assistance	<input type="checkbox"/> Deadline Extension Request
<input type="checkbox"/> Tank tightness test results	<input type="checkbox"/> Request for State-Lead
<input type="checkbox"/> Request for LPST Waste Code	<input type="checkbox"/> Class V Reinjection Request
<input type="checkbox"/> Notice to Owner/Operator for CAS Services	<input type="checkbox"/> Petroleum-Substance Waste Manifest
<input type="checkbox"/> Notice of Continuation of Groundwater Monitoring	<input type="checkbox"/> Underground Storage Tank Registration Form
<input type="checkbox"/> Notice of Continuation of Operation and Maintenance	<input type="checkbox"/> Aboveground Storage Tank Registration Form
<input checked="" type="checkbox"/> Other (anything that does not fit into one of the categories above) <u>Exit Criteria Evaluation</u>	

* The proposal for semi-annual monitoring and annual report (Proposal Activity 17) has been discontinued. For semi-annual monitoring, use Proposal Activity 16.

I attest that all work has been conducted in accordance with accepted industry standards/practices and adhered to TNRCC guidance and rules. I certify that I am aware that misrepresentation of any of the above claims is a violation of 30 TAC 33.4453(b)(1)(E) and that this violation may result in the disciplinary actions set forth in 30 TAC 334.453 and or 334.463 and 334.465.

If a proposal is attached for preapproval, has the proposed work, in part or in whole, already been performed or in progress? Yes No

If yes, what work? _____

Ranger Environmental Services _____ 115 _____ 10/20/05
(Registered Corrective Action Specialist) (RCAS Reg. No.) (Expiration date)

Ker G _____ 1/21/05
(Signature) (Date)

512/335-1785 _____ 512/335-0527
(Telephone #) (FAX #)

Keith Copeland _____ 76 _____ 7/21/05 *EXEMPT P. 6.*
(Project Manager) (CAPM Reg. No.) (Expiration date)

K C _____ 1/21/05
(Signature) (Date)

512/335-1785 _____ 512/335-0527
(Telephone #) (FAX #)

By signature below, I certify that documents checked above are included.

Jim Ware
(Name of Responsible Party Contact)

Faust Distributing Company
(Company)

Jim Ware
(Signature)

1-24-05
(Date)

713/671-5263
(Telephone #)

713/671-5260
(FAX #)



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
PETROLEUM STORAGE TANK

LPST SITE CLOSURE REQUEST FORM

This form is to be used to request closure for Leaking Petroleum Storage Tank (LPST) cases. The soil and groundwater cleanup goals must be met prior to submitting this form. These cleanup goals should be derived from either:

- the TWC *Guidance Manual for LPST Cleanups in Texas*, January 1990 so long as these goals were achieved prior to November 8, 1995, or
- the TNRCC *Risk-Based Corrective Action for Leaking Storage Tank Sites* document, January 1994 (RG-36).

Submission of this Site Closure Request constitutes certification by the Responsible Party, Corrective Action Specialist (CAS), and Corrective Action Project Manager (CAPM) that all necessary corrective actions have been completed and final closure of the subject site is appropriate at this time. By signing this Site Closure Request, the Responsible Party, CAS, and CAPM acknowledges that no further corrective actions, with the exception of activities subsequently approved by the TNRCC, will be eligible for reimbursement after the RP's signature date. Although costs for activities such as groundwater monitoring or remediation system operation and maintenance may have been approved for an annual period, these activities should cease upon submission of the Site Closure Request as these activities will not be considered eligible for reimbursement beyond the date of the Site Closure Request. Additionally, any costs relating to site assessment or other corrective action activities will not be eligible for reimbursement if the activities are conducted after the date of the Site Closure Request, unless specifically approved by the TNRCC. If, upon review by the TNRCC, the TNRCC concurs that the site meets the conditions for final closure, the costs for closure activities necessary to restore the site to its original condition will be reviewed and approved as appropriate. If the TNRCC determines that the site does not meet the conditions for final closure, the TNRCC will request a workplan and cost proposal for the next appropriate corrective action activity necessary to proceed towards final closure unless appropriate activities have previously been approved. The only type of proposal that should be attached to the Site Closure Request is for site closure costs. Any proposals attached to the Site Closure Request for activities other than site closure will not be processed and will be withdrawn from consideration.

If any of the following apply, the site is not ready for closure and this form should not be submitted:

- The appropriate LPST cleanup goals have not been met (a proposal for the next appropriate step should be submitted instead);
- Phase-separated hydrocarbons (>0.1 feet) currently exist at the site;
- The contaminant plume is increasing in size; or
- All wastes and other material generated from the site have not been properly disposed;

Do not use this form:

- if the release was not from a regulated underground or aboveground storage tank;
- for tank removal-from-service activities not associated with an LPST site (use the *Release Determination Report Form* (TNRCC-0621) or other appropriate format);
- for situations where the second set of confirmation samples collected during tank removal-from-service activities confirms suitability for closure (use the *Release Determination Report Form* (TNRCC-0621) or other appropriate format); or
- for shutdown of remediation systems or for plugging of monitor wells when site closure is not yet appropriate.

If asked to initiate additional activities, submit a workplan and preapproval request for those activities on sites eligible for reimbursement. Please review the document entitled *Preapproval for Corrective Action Activities* (RG-111) for procedures on preapproval requests and the other PST guidance pamphlets and rules for additional information on LPST sites.

Complete all blanks and check "yes" or "no" for all inquiries. **IF A COMPLETED ASSESSMENT REPORT FORM (TNRCC-0562) WAS PREVIOUSLY SUBMITTED, YOU DO NOT NEED TO ANSWER THE QUESTIONS WITHIN THE DARK OUTLINED AREAS UNLESS THE INFORMATION HAS CHANGED.** If the question is not applicable to this site, indicate with N/A. If the answer to the question is unknown, please indicate. If space for supplemental information is needed, insert numbered footnote and provide brief supporting discussion in Section VI, Justification for Closure.

SITE CLOSURE REQUEST FORM

I. GENERAL INFORMATION

LPST ID No.: 115050 Facility ID No.: 11740

Responsible Party: Faust Distributing Co., Inc.

Responsible Party Address: P.O. Box 24728 City: Houston State: TX Zip: 77229

Facility Name: Faust Distributing Co., Inc.

Facility Street Address: 8751 Flagship Dr.

Facility City: Houston County: Harris

What is the current use of site? (indicate all that apply):

Residence¹ School or Day Care center Commercial/Industrial¹ Recreational Agricultural

What is the anticipated future use of the site? (indicate all that apply):

Residence¹ School or Day Care center Commercial/Industrial¹ Recreational Agricultural

Adjacent property use (indicate all that apply):

Residence¹ School or Day Care Center Commercial/Industrial¹ Recreational Agricultural

Distance to nearest off-site residence from property line: _____ feet in _____ direction.

Distance to nearest school or day care center from property line: _____ feet in _____ direction.

II. CLOSURE SCREENING INFORMATION

Based on the *Limited Site Assessment Report* form or the *Risk-Based Assessment Report Form* (TNRCC-0562), the site is currently a **Priority 4.1** site. If the site priority has changed, list the other priorities that previously pertained to this site: _____

Yes No Have non-aqueous phase liquids (NAPL) ever been present at this site (including tankpit observation wells)? If yes, is NAPL present now (thickness ≥ 0.1 feet)? Yes No Current thickness: _____ ft. If NAPL is currently present, stop here and do not submit this form for case closure. Initiate or continue activities necessary for the removal of all recoverable NAPL at the site.

Yes No* Were all soils, recovered contaminated groundwater, and any phase-separated hydrocarbons properly disposed of, treated, recycled or reused in accordance with TNRCC requirements? If No, stop here and do not submit this form. Provide a proposal (if the site is eligible for reimbursement) to properly dispose or otherwise manage the wastes/materials or, if the site is not eligible for reimbursement, provide documentation of proper disposition of the wastes.

Yes No Do contaminant concentrations show a consistent decreasing or low static trend? If No, is the contaminant plume increasing in size? Yes No If Yes, stop here, do not submit this form, and initiate activities to control plume migration.

*Investigation wastes are currently being scheduled for disposal. Waste manifests/receipts will be forwarded to the TCEQ upon receipt.

¹ See definition in 30 TAC 334.202

III. RELEASE ABATEMENT/REMEDATION (Continued)

Type(s) of groundwater remediation and time periods the remediation method was operational (indicate all that apply):

- Groundwater Pump and Treat _____ to _____ (dates)
- Air Sparging/SVE _____ to _____ (dates)
- In-Situ Bioremediation _____ to _____ (dates)
- Other: Hand Bailing and 1 MDPE event 6/01 to 1/03 (dates)
- None

Yes No Were copies of all receipts and manifests to document disposition of all wastes submitted to the TNRCC?
If No, attach copies to this form.

Measured total volume of NAPL recovered: ~127 gallons.

Estimated total volume of soil treated/removed: 240 cubic yards (exclude soil cuttings removed from borings).

Estimated total volume of groundwater treated/removed: Unknown gallons (if known).

Estimated pounds of hydrocarbons removed or treated from soil (if known): unknown

Estimated pounds of hydrocarbons removed or treated from groundwater (if known): unknown

Estimated percent of total contaminants removed or treated (if known): unknown

IV. SOIL DATA VALIDATION

Are there now affected surface soils (contamination exceeding health-based target concentrations) present within 2 feet below the ground surface? Yes No Unknown

Type of surface cover over affected surface soil area:

Paved [Asphalt or Concrete] Percent of affected soils covered? 100 Unpaved
 Other: _____

Is there public access to the uncovered affected surface soil area? Yes No

Total number of borings: 5 (including those completed as monitor wells)

Yes No Was the vertical and horizontal extent of soil impacts defined (to the more stringent of health-based target or groundwater protective soil concentrations horizontally and to groundwater or nondetect vertically) by the borings?

Yes No Are shallow (0-15 feet below ground surface) soils affected (contaminant levels exceed health-based target concentrations) on adjacent properties (including right-of-way properties).

Yes No Were all soil sample collection, handling, transport, and analytical procedures conducted in accordance with TNRCC and EPA requirements? If No, provide justification: _____

MAXIMUM SOIL CONCENTRATION LEVELS

Soil Contaminants	Sample Date	Sample Location	Depth (in feet below ground surface)	Analytical Method	Maximum Concentration* (mg/kg)	Target Cleanup Goals** (indicate source of target cleanup goals: 1990 or 1994 [Plan A or B] guidance)
Benzene						
Toluene						
Ethylbenzene						
Total Xylenes						
Total BTEX						
TPH						
Other _____						
Other						

* Enter maximum soil analytical results for soils remaining beneath the site (take into account all available data, including information obtained during the release determination (tank removal from service, minimal site assessment, etc)).

** If Plan A cleanup goals were used, provide the potential groundwater beneficial use category and a justification of how it was determined in Section VI.

1990 cleanup goals may be used only if all activities necessary to meet those goals were completed by November 8, 1995.

V. GROUNDWATER DATA VALIDATION

Is groundwater at the site impacted? Yes No

Did the assessment document that groundwater was not impacted? Yes No If No or unsure, provide justification for not determining whether there is a groundwater impact: The assessment documented that groundwater was impacted.

Total number of monitoring wells installed: 5 Number of monitor wells remaining at the site: 5
Will any of the remaining wells be used in the future? Yes No If Yes, specify exactly which well(s) will be used: _____

If No, they must be plugged in accordance with Water Code 32.017 **after** obtaining approval for site closure. **Do not** plug the wells until you receive concurrence on site closure. Costs of well plugging may be allowable for reimbursement if all eligibility requirements are met and if the wells were installed under the direction of the TNRCC specifically to address the confirmed release at the site. Provide a proposal with this form (if the site is eligible for reimbursement) for costs of the well plugging.

Measured total dissolved solids (TDS) concentration in groundwater: _____ mg/l. From which monitor well(s) was/were the sample(s) collected? _____

Measured groundwater yield at the site: _____ gallons/day (as determined from well adequately screened in the impacted aquifer). Not determined.

Measured groundwater depth at the site ranges between _____ and _____ feet below the top of well casing.

Time period of groundwater monitoring at the site (dates): 1/16/01 to 8/13/04.

Total number of groundwater monitoring events: 11

What type of aquifer is impacted? (unconfined, confined, semi-confined): confined

Distance from maximum plume concentration point to nearest existing downgradient well location (not monitor well): > 0.5 mi. ft. in _____ direction (Input ">0.5 mile" if there is no well within 0.5 mile downgradient)

Are any water supply wells impacted or immediately threatened? Yes No
If Yes, specify type of well: Drinking water Non-drinking water

Are there any existing water wells located within the area of impacted groundwater? Yes No
If Yes, specify type of well: Drinking water Non-drinking water

Has surface water been affected? Yes No

Will the groundwater contaminants likely discharge to a surface water body? Yes No

What is the potential impact of affected groundwater discharge on surface water?
 Current impact Discharges within 500 ft. Discharges within 500 to 0.25 miles
 No potential impact

Yes No Were groundwater sample collection, handling, transport, and analytical procedures conducted and documented in accordance with TNRCC requirements? If no, provide justification: _____

V. GROUNDWATER DATA VALIDATION (Continued)

- Yes No Is the extent of groundwater contamination defined (to MCL concentrations)? If No, provide justification for not defining the plume: _____
- Yes No Have groundwater impacts from this release been detected on adjacent properties? If No, is off-site migration probable? Yes No Is there documentation that off-site migration has **not** occurred (sample results from off-site sampling point)? Yes No
- Yes No Was the static groundwater level above the top of the well screen in any monitor wells during any of the last 4 monitoring events? If Yes, provide a statement of validity regarding these samples:
The samples are valid as the water level was drawn down below the top of screen during the well purging process.
- Yes No Have groundwater samples from all monitor wells met the target cleanup goals for the last four consecutive sampling events?

MAXIMUM GROUNDWATER CONCENTRATIONS

Groundwater Contaminants	Sample Date	Sample Location	Laboratory Method	Maximum Concentration* (mg/l)	Target Cleanup Goals** (indicate source of target cleanup goals: 1990 or 1994 [Plan A or B] guidance)
Benzene	8/13/04	MW-1	8260	16	0.0294
Toluene	8/13/04	MW-1	8260	45	7.3
Ethylbenzene	8/13/04	MW-1	8260	4.5	3.65
Total Xylenes	8/13/04	MW-1	8260	21	73
Total BTEX	8/13/04	MW-1	8260	86.5	83.9794
TPH	8/13/04	MW-1	TX 1005	340	---
Other _____					
Other					

* Enter maximum groundwater analytical results from the most recent 12 months of monitoring.

** 1990 cleanup goals may be used only if all activities necessary to meet those goals were completed by November 8, 1995.

VI. JUSTIFICATION FOR CLOSURE

Please provide a brief summary supporting this request for site closure, including footnoted discussions for the above entries as necessary. **Include discussions providing necessary justifications for any site conditions which deviate from the specific requirements of TNRCC rules and policies, including the document *Risk-Based Corrective Action for Leaking Storage Tank Sites*.** Provide documentation to justify case closure, including information which addresses the potential for future exposure, the existence of impervious cover or other actions which may prevent exposure or limit infiltration, the absence of receptors, etc.

See attached sheet

**SITE CLOSURE JUSTIFICATION
FAUST DISTRIBUTING COMPANY
8751 FLAGSHIP DRIVE
HOUSTON, TEXAS
LPST ID NO. 115050**

On January 21, 2005, a meeting was held with Ms. Maria Lebron of the Texas Commission on Environmental Quality. Mr. Jim Ware with Faust Distributing Company and Mr. Keith Copeland with Ranger Environmental Services, Inc. attended the meeting with Ms. Lebron. At the conclusion of the meeting, Ms. Lebron agreed to reevaluate the site for closure.

As discussed, we have updated the Site Closure Request. Items for justification were discussed in our meeting and are here presented:

- The site is a category 4.1 on the Beaumont Formation with no receptors.
- The assessment and monitoring program document that the plume is stable and not expanding.
- Groundwater at the site is under confined conditions. This groundwater feature was presented in the Risk Based Assessment and the Updated Risk Based Assessment. The site geology is typically a grey to tan, dry plastic clay underlain by a water bearing sand. Boring logs are attached.
- The UST system has been removed from the site and presents no future potential for contributing hydrocarbons to the groundwater beneath the site. There is no source at the facility.
- Eleven groundwater sampling events have been performed over an approximate four year period. Site dissolved phase BTEX/TPH groundwater impacts have been documented to be stable/declining over this time period. While recent contaminant levels rose slightly in MW-1, historically, MW-1 has had phase separated product present; therefore, the benzene levels still represent a decline. Additionally, MW-1 is located in very close proximity to the original line leak release location. These factors should be considered during closure review.
- Groundwater migration has been consistent and the groundwater has been defined, both upgradient and downgradient to MCLs.
- No vapor impacts are currently known to be associated with the LPST case.
- No soil contaminant concentrations exist above Human Health Levels (0-15 feet).
- The dissolved phase hydrocarbon plume has been defined to below Category I Plan A default concentrations.
- No utility lines are currently known to be impacted from the release of hydrocarbons.

- No PSH is currently present at the site.
- Each of the attached TCEQ Closure Evaluation Flow Charts indicate that site closure is the next appropriate step in the corrective action process.
- The affected groundwater is contained within the low permeability clays of the Beaumont formation, which overly the principle producing portions of the Gulf Coast Aquifer, and, as such, is not considered a major or minor aquifer. There is no documented current usage of the shallow impacted groundwater. The site and surrounding area are served by the municipal water supply. There does not appear to be a probable future use for the shallow impacted groundwater and, as such, it is not considered a local supply.
- Because of the stable contaminant plume, the lack of any identified possible receptors in the area of the release, and the non-usage of the affected water bearing unit in the area, this LPST site is suitable for closure.

VII. REPORT PREPARATION

Based on the results of the site investigation and the additional information presented herein, I certify that the site investigation activities performed either by me, or under my direct supervision, including subcontracted work, were conducted in accordance with accepted industry standards/practices and further, that all such tasks were conducted in compliance with applicable TNRCC published rules, guidelines and the laws of the State of Texas. I have reviewed the information included within this report, and consider it to be complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties. **I certify that the site has met all requirements for closure and that closure is appropriate.**

Project Manager: Keith Copeland CAPM No.: 76 Expiration date: 7/21/05

Company: Ranger Environmental Services, Inc.

Address: P.O. Box 201179 City: Austin State: TX Zip: 78720

Telephone No.: 512-335-1785 Fax No.: 512-335-0527

Signature:  Date: 1/21/05

By my signature affixed below, I certify that I am the duly authorized representative of the Correction Action Specialist named and that I have personally reviewed the site investigation results and other relevant information presented herein and considered them to be in accordance with accepted standards/practices and in compliance with the applicable TNRCC published rules, guidelines and the laws of the State of Texas. Further, that the information presented herein is considered complete, accurate and representative of the conditions discovered during the site investigation. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report, I may be subject to administrative, civil, and/or criminal penalties. **I certify that the site has met all requirements for closure and that closure is appropriate.**

Corrective Action Specialist Rep.: Keith Copeland CAS No.: 115 Expiration date: 10/20/05 *EXEMPT P.G.*

Company: Ranger Environmental Services, Inc.

Address: as above City: _____ State: _____ Zip: _____

Telephone No.: AS ABOVE Fax No.: AS ABOVE

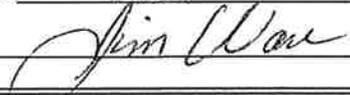
Signature:  Date: 1/21/05

By my signature affixed below, I certify that I have reviewed this report for accuracy and completeness of information regarding points of contact and the facility and storage tank system history and status. I acknowledge that if I intentionally or knowingly make false statements, representations, or certifications in this report related to the contact information, and the facility and storage tank system history and status information, I may be subject to administrative, civil, and/or criminal penalties. I attest that I have reviewed this report for accuracy and completeness. I understand that I am responsible for addressing this matter.

I certify that the site has met all requirements for closure and that closure is appropriate.

Name of Responsible Party contact: Jim Ware

Telephone No.: 713-671-5263 Fax No.: 713-671-5260

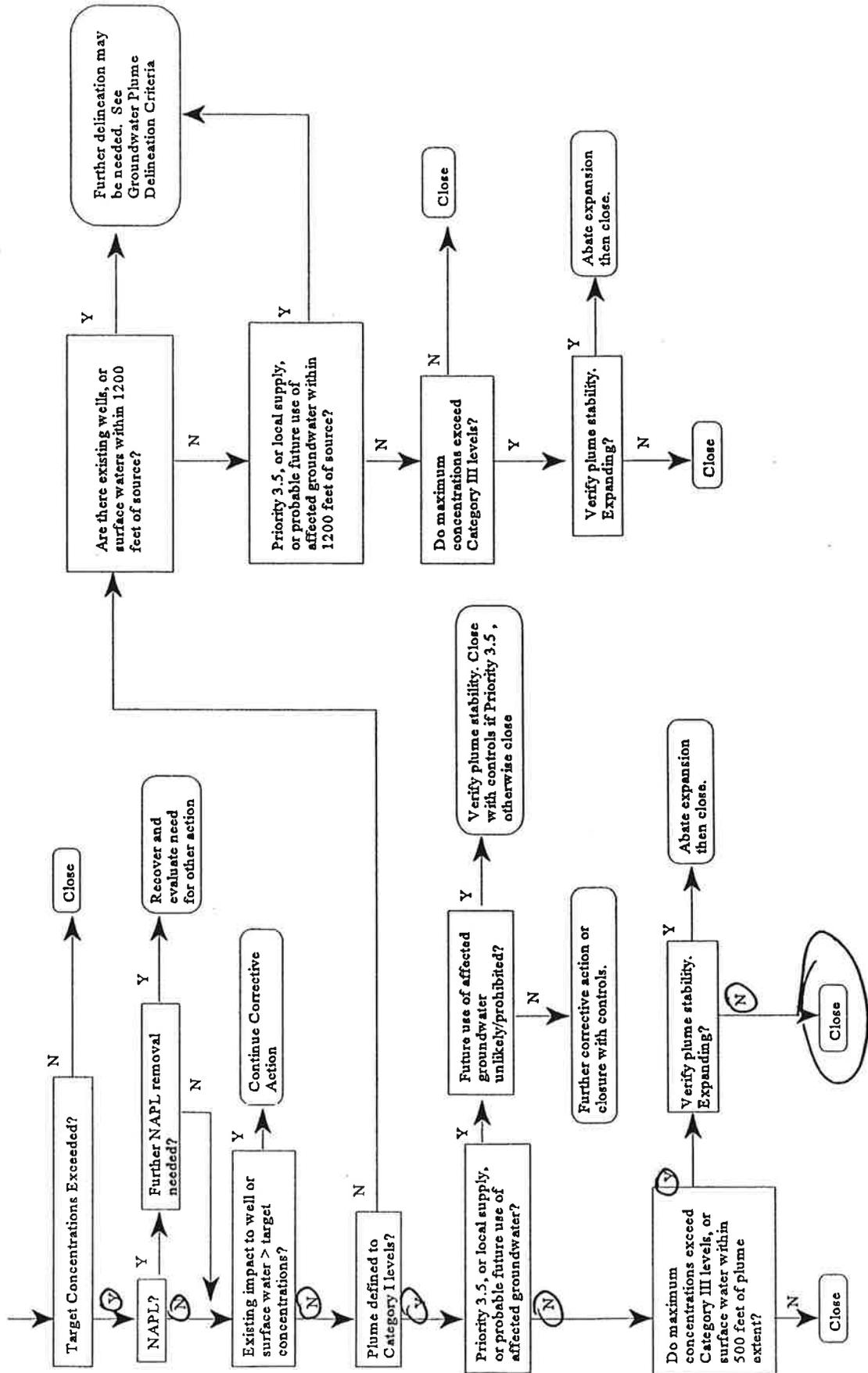
Signature:  Date: 1-24-05

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH THIS FORM IF NOT PREVIOUSLY SUBMITTED:

- A site map illustrating the locations of the entire UST and/or AST system (including piping, dispensers, observation wells, etc.), all soil borings and monitoring wells and all other sampling points, subsurface utilities, and surface water within 500 feet.
- A copy of the latest groundwater gradient map (if monitor wells were completed).
- Summary tables of all soil, groundwater and surface water analytical results, including samples collected from any tank removal from service activities, tank system repair activities, and those collected from borings and monitor wells. The tables must clearly identify the sample number, date of collection, sampling locations, depths (if applicable), and analytical results.
- Copies of any manifests or other waste receipts, and any other documents necessary for case closure.

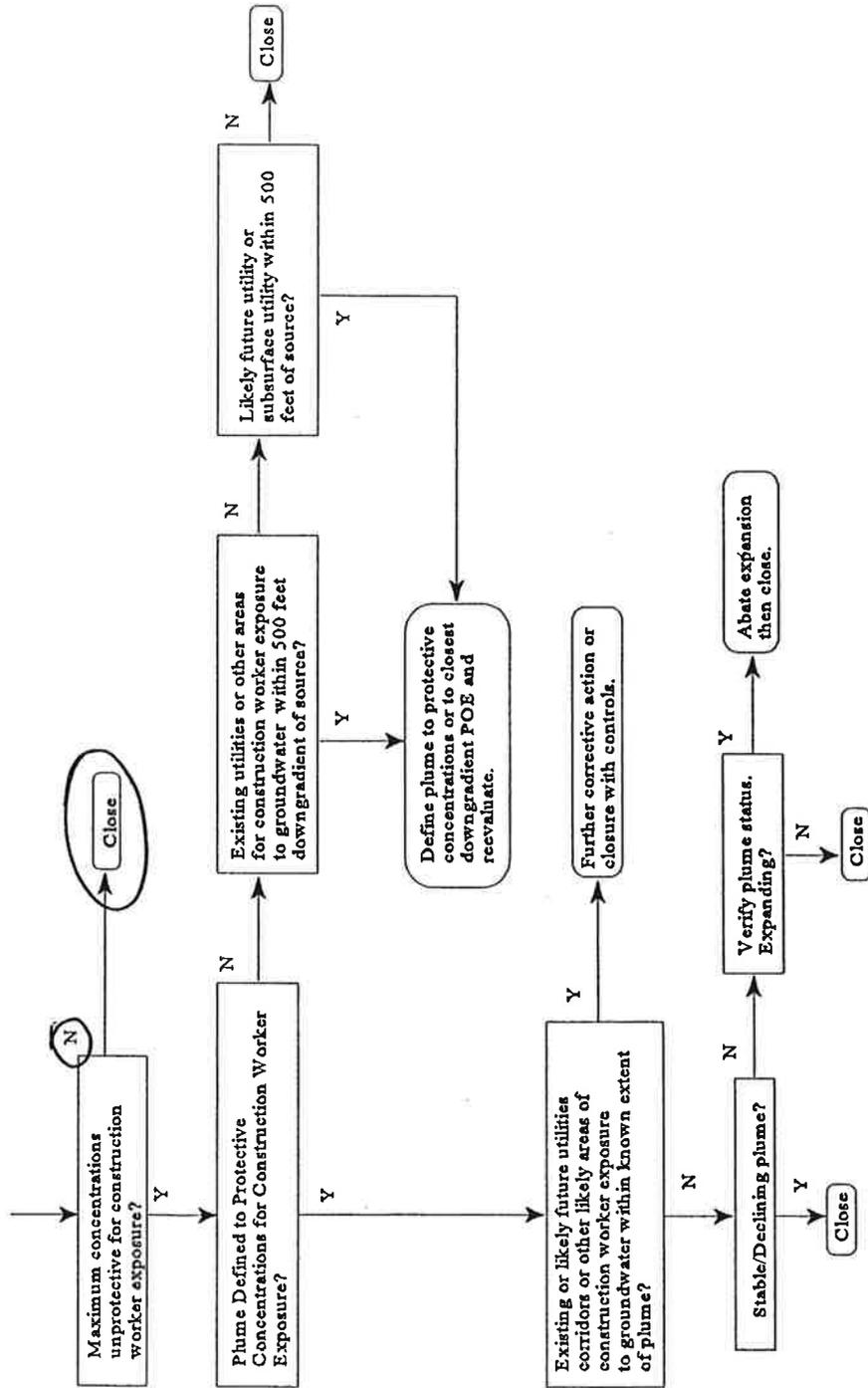
Faust Distributing
 LPST Id. No. 115050

Figure 1
 Groundwater Pathways (See also Figure 2)



Faust Distributing LPST Id. No. 115050

Figure 2
Groundwater Pathway - Groundwater Depth ≤ 15 Feet, or Within Typical Construction Depth
(Criteria for Figure 1 must also be met)

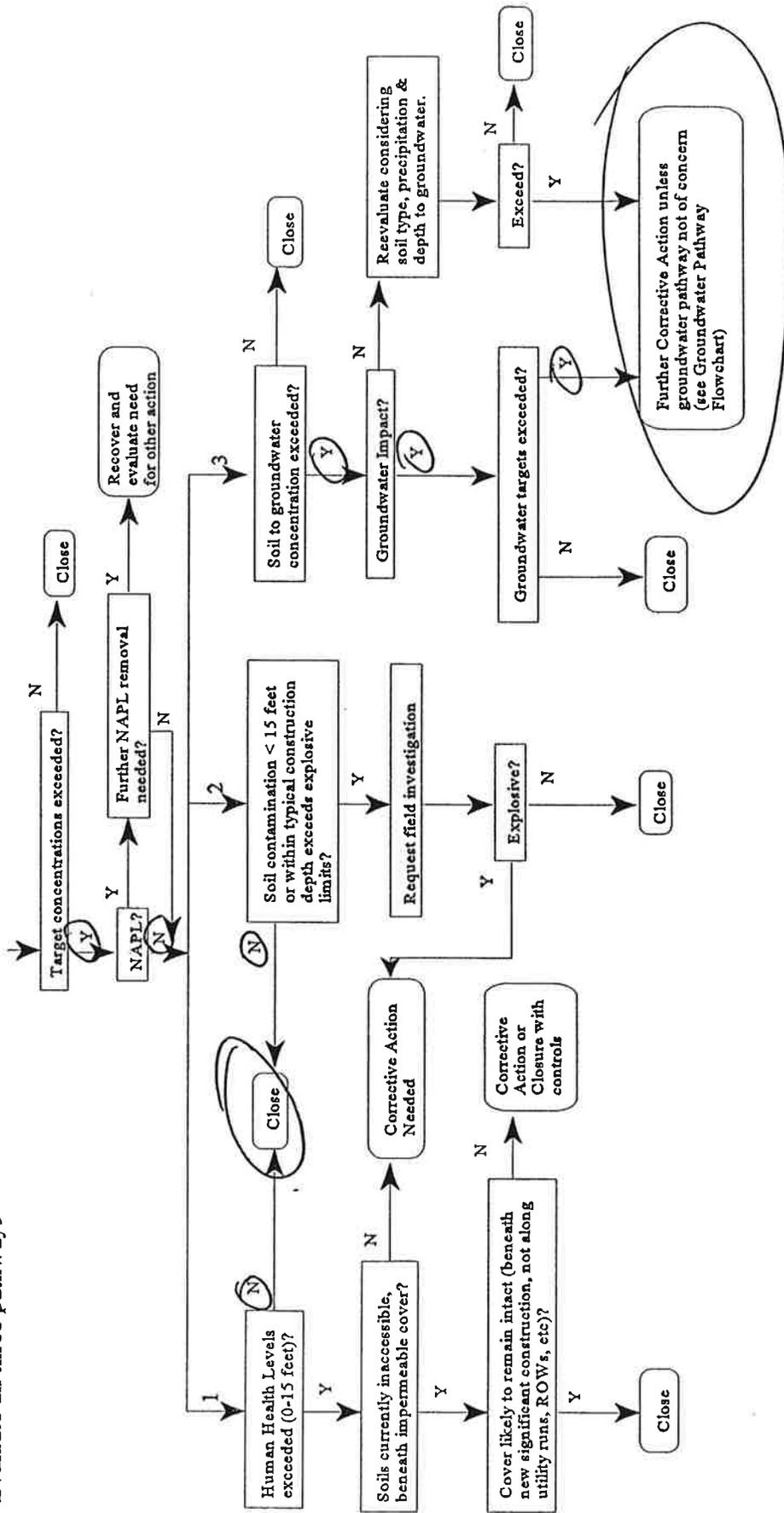


LPST Id. No. 115050 Faust Distributing

Figure 3

Soils Pathways

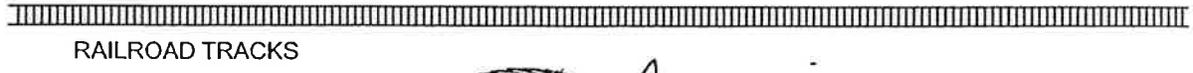
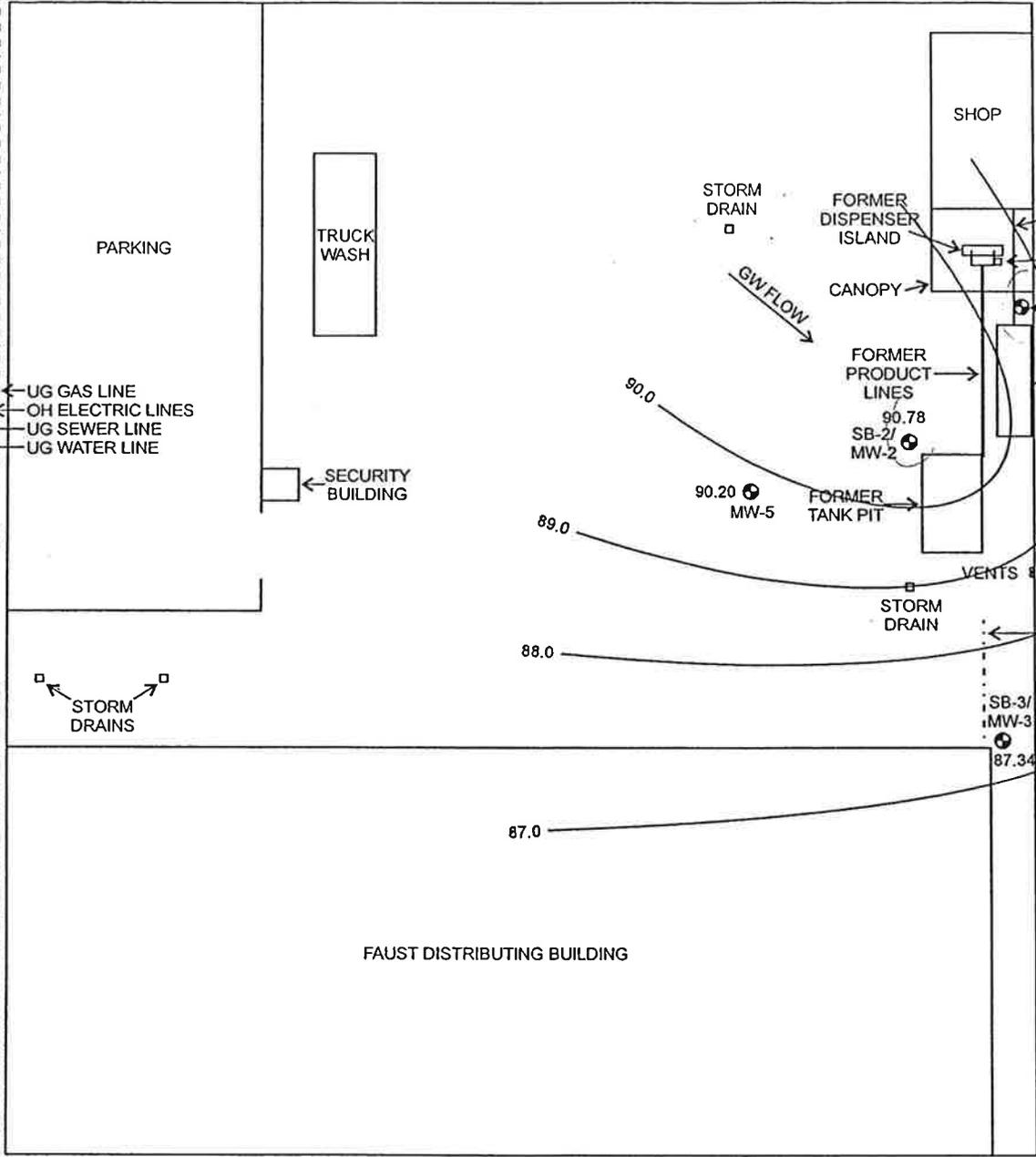
Evaluate all three pathways



See Figure 1



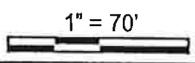
FLAGSHIP DRIVE



RAILROAD TRACKS



CHURCH

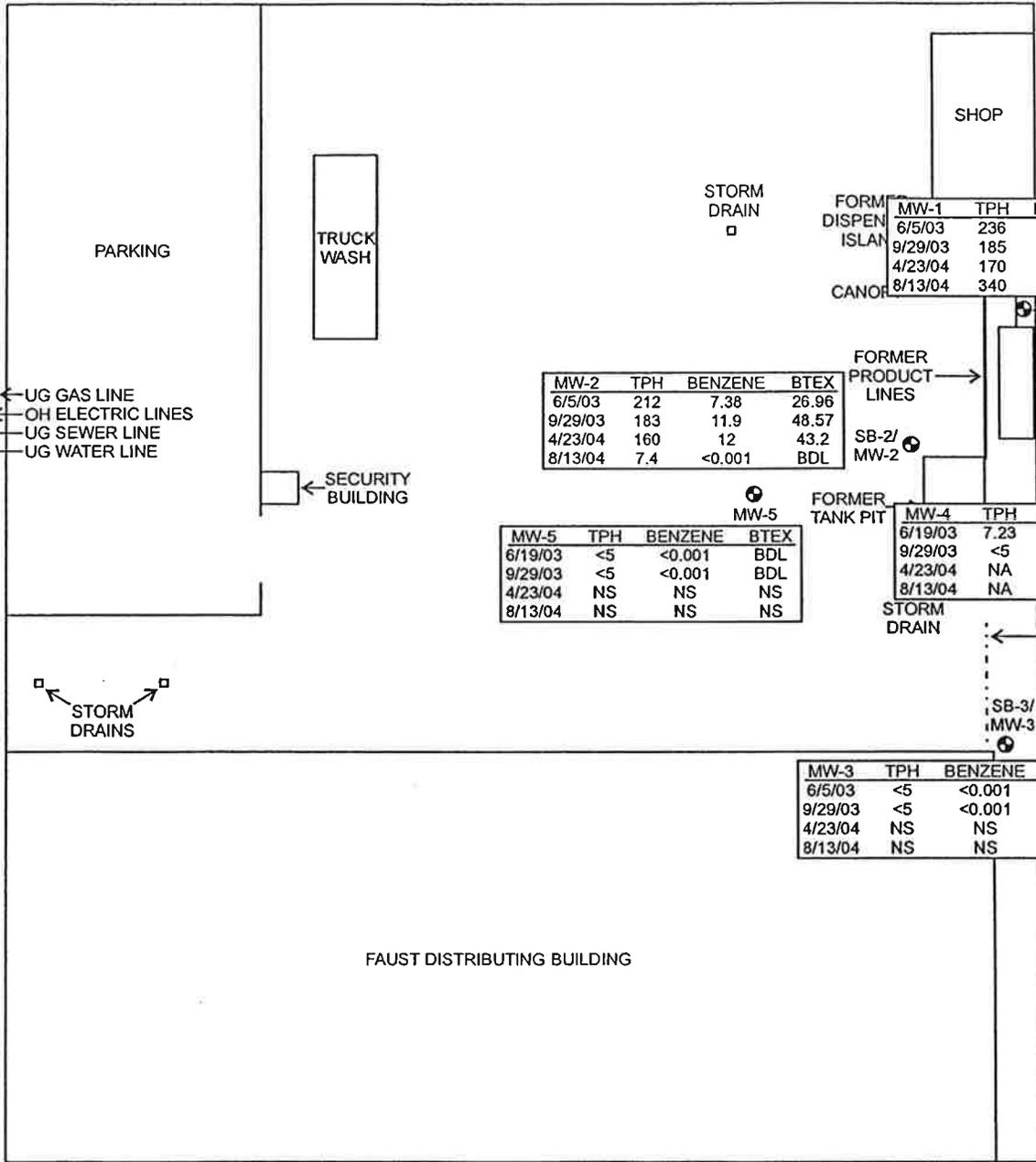


1" = 70'

RANGER ENVIRONMENTAL SERVICES, INC.
 GROUNDWATER MONITORING MAP
 FAUST DISTRIBUTING COMPANY
 8751 FLAGSHIP DRIVE
 HOUSTON, TEXAS

DATE: 8/13/04 | RANGER REFERENCE # 2639
 COMMENTS: MAP NOT FOR CONSTRUCTION PURPOSES

⊕ - MONITOR WELL LOCATION



FORM DISPEN ISLAN CANOR	MW-1	TPH	BENZENE	BTEX
	6/5/03	236	10.9	69.73
	9/29/03	185	10.3	67.62
	4/23/04	170	14	74.5
	8/13/04	340	16	86.5

MW-2	TPH	BENZENE	BTEX
6/5/03	212	7.38	26.96
9/29/03	183	11.9	48.57
4/23/04	160	12	43.2
8/13/04	7.4	<0.001	BDL

MW-5	TPH	BENZENE	BTEX
6/19/03	<5	<0.001	BDL
9/29/03	<5	<0.001	BDL
4/23/04	NS	NS	NS
8/13/04	NS	NS	NS

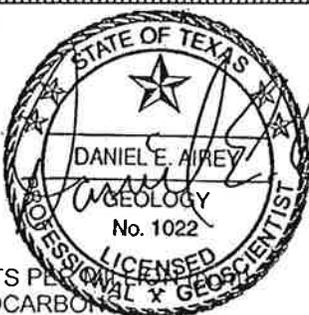
MW-4	TPH	BENZENE	BTEX
6/19/03	7.23	<0.001	BDL
9/29/03	<5	<0.001	BDL
4/23/04	NA	<0.001	BDL
8/13/04	NA	<0.001	BDL

MW-3	TPH	BENZENE	BTEX
6/5/03	<5	<0.001	BDL
9/29/03	<5	<0.001	BDL
4/23/04	NS	NS	NS
8/13/04	NS	NS	NS

FLAGSHIP DRIVE



RAILROAD TRACKS



1" = 70'

ALL VALUES PRESENTED IN PARTS PER MILLION
 TPH - TOTAL PETROLEUM HYDROCARBON
 BTEX - BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
 BDL - BELOW DETECTION LIMIT
 NA - NOT ANALYZED PER TCEQ GUIDANCE
 NS - NOT SAMPLED PER TCEQ GUIDANCE
 ⊕ - MONITOR WELL LOCATION

RANGER ENVIRONMENTAL SERVICES, INC.

GROUNDWATER CONTAMINANT
 CONCENTRATION MAP
 FAUST DISTRIBUTING COMPANY
 8751 FLAGSHIP DRIVE
 HOUSTON, TEXAS

DATE: | RANGER REFERENCE # 2639

COMMENTS: MAP NOT FOR CONSTRUCTION PURPOSES

CUMULATIVE WELL GAUGING DATA
 FAUST DISTRIBUTING
 8751 FLAGSHIP, HOUSTON, TX.
 LPST ID NO. 115050

WELL NUMBER	DATE	*CASING ELEV. (FT)	DEPTH TO WATER (FT)	PSH THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT)
MW-1	1/16/2001	99.30	12.18	0.00	87.12	9 - 29
	6/5/2001	99.30	12.33	0.00	86.97	
	9/20/2001	99.30	10.75	0.00	88.55	
	11/14/2001	99.30	11.62	0.00	87.68	
	1/2/2002	99.30	12.41	0.11	86.97	
	4/4/2002	99.30	12.45	0.00	86.85	
	11/1/2002	99.30	6.41	0.00	92.89	
	2/26/2003	99.30	10.60	0.00	88.70	
	6/19/2003	99.30	11.21	0.00	88.09	
	9/29/2003	99.30	9.12	0.00	90.18	
	4/22/2004	99.30	10.12	0.00	89.18	
	8/13/2004	99.30	10.07	0.00	89.23	
MW-2	1/16/2001	98.02	9.96	0.00	88.06	9 - 29
	6/5/2001	98.02	11.54	2.31	88.21	
	9/20/2001	98.02	8.71	0.30	89.54	
	11/14/2001	98.02	10.86	2.16	88.78	
	1/2/2002	98.02	10.21	1.05	88.60	
	4/4/2002	98.02	13.04	4.09	88.05	
	11/1/2002	98.02	8.27	0.00	89.75	
	2/26/2003	98.02	7.60	0.00	90.42	
	6/19/2003	98.02	8.76	0.00	89.26	
	9/29/2003	98.02	7.02	0.00	91.00	
	4/22/2004	98.02	7.58	0.00	90.44	
	8/13/2004	98.02	7.24	0.00	90.78	
MW-3	1/16/2001	98.10	11.80	0.00	86.30	6- 26
	6/5/2001	98.10	11.53	0.00	86.57	
	9/20/2001	98.10	10.52	0.00	87.58	
	11/14/2001	98.10	10.90	0.00	87.20	
	1/2/2002	98.10	11.32	0.00	86.78	
	4/4/2002	98.10	11.26	0.00	86.84	
	11/1/2002	98.10	9.35	0.00	88.75	
	2/26/2003	98.10	10.72	0.00	87.38	
	6/19/2003	98.10	11.29	0.00	86.81	
	9/29/2003	98.10	10.51	0.00	87.59	
	4/22/2004	98.10	10.56	0.00	87.54	
	8/13/2004	98.10	10.76	0.00	87.34	
MW-4	6/19/2003	99.80	13.42	0.00	86.38	5- 25
	9/29/2003	99.80	11.72	0.00	88.08	
	4/22/2004	99.80	11.61	0.00	88.19	
	8/13/2004	99.80	11.77	0.00	88.03	
MW-5	6/19/2003	97.58	8.51	0.00	89.07	5- 25
	9/29/2003	97.58	7.28	0.00	90.30	
	4/22/2004	97.58	7.66	0.00	89.92	
	8/13/2004	97.58	7.38	0.00	90.20	

All elevations measured in reference to a temporary on-site benchmark.
 PSH = Phase-Separated Hydrocarbons
 GW = Groundwater

CUMULATIVE GROUNDWATER TPH/BTEX/MTBE/TDS ANALYTICAL DATA
FAUST DISTRIBUTING
8751 FLAGSHIP, HOUSTON, TX.
LPST ID NO. 115050

(mg/L)

SAMPLE ID	DATE	TPH	B	T	E	X	MTBE	TDS
MW-1	1/16/01	5.17 / 130 / 135	7.03	29.7	2.86	13.57	141	NA
MW-1	6/5/01	<5 / 42.1 / 42.1	9.79	38	2.81	14.06	436	NA
MW-1	9/20/01	<5 / 64.5 / 64.5	12.3	34.1	1.49	12.58	767	NA
MW-1	1/2/02	NS	NS	NS	NS	NS	NS	NS
MW-1	4/4/02	<5 / 55.8 / 55.8	10.1	36.2	2.57	11.9	637	NA
MW-1	11/1/02	124 / <5 / 124	9.04	30.9	3.19	14.15	603	NA
MW-1	2/26/03	225 / 7.14 / 232	11.1	34.3	3.2	14.1	687	NA
MW-1	6/5/03	236 / <5 / 236	10.9	43.1	3.07	12.66	544	NA
MW-1	9/29/03	185 / <5 / 185	10.3	37.4	3.57	16.35	554	NA
MW-1	4/23/04	170 / 1.5 / 170	14	43	3.5	14	35	NA
MW-1	8/13/04	310 / 29 / 340	16	45	4.5	21	1000	NA
MW-2	1/16/01	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-2	6/5/01	NS	NS	NS	NS	NS	NS	NS
MW-2	9/20/01	NS	NS	NS	NS	NS	NS	NS
MW-2	1/2/02	NS	NS	NS	NS	NS	NS	NS
MW-2	4/4/02	NS	NS	NS	NS	NS	NS	NS
MW-2	11/1/02	47.8 / <5 / 47.8	4.19	8.03	1.16	4.38	247	NA
MW-2	2/26/03	184 / 7.38 / 191	11	21.2	2.79	12.39	1440	NA
MW-2	6/5/03	212 / <5 / 212	7.38	11.9	1.53	6.15	1050	NA
MW-2	9/29/03	183 / <5 / 183	11.9	20.6	3.05	13.02	1280	NA
MW-2	4/23/04	160 / 1.2 / 160	12	19	2.2	10	23	NA
MW-2	8/13/04	<1 / 5.5 / 7.4	<0.001	<0.001	<0.001	<0.003	<0.005	NA

CUMULATIVE GROUNDWATER TPH/BTEX/MTBE/TDS ANALYTICAL DATA
 FAUST DISTRIBUTING
 8751 FLAGSHIP, HOUSTON, TX.
 LPST ID NO. 115050

(mg/L)

SAMPLE ID	DATE	TPH	B	T	E	X	MTBE	TDS
MW-3	1/16/01	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	1200
MW-3	6/5/01	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	0.00775	NA
MW-3	9/20/01	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	0.00865	NA
MW-3	1/2/02	<5 / <5 / <5	0.00193	0.00152	<0.001	<0.002	<0.005	NA
MW-3	4/4/02	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-3	11/1/02	<5 / <5 / <5	0.00144	0.00352	<0.001	<0.002	0.0545	NA
MW-3	2/26/03	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-3	6/5/03	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-3	9/29/03	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-3	4/23/04	Not sampled according to TCEQ guidance						
MW-3	8/13/04	Not sampled according to TCEQ guidance						
MW-4	6/19/03	7.23 / <5 / 7.23	<0.001	0.00103	<0.001	<0.002	<0.005	NA
MW-4	9/29/03	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-4	4/23/04	NA*	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-4	8/13/04	NA*	<0.001	<0.001	<0.001	<0.003	<0.005	NA
MW-5	6/19/03	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-5	9/29/03	<5 / <5 / <5	<0.001	<0.001	<0.001	<0.002	<0.005	NA
MW-5	4/23/04	Not sampled according to TCEQ guidance						
MW-5	8/13/04	Not sampled according to TCEQ guidance						

TPH reported for method TX 1005 as C6-C10/>C10-C28/C6-C28 for the 1/16/01 event
 TPH reported for method TX 1005 as C6-C12/>C12-C28/C6-C28 for the subsequent events

mg/L = Milligrams Per Liter

TPH = Total Petroleum Hydrocarbons

BTEX = Benzene, Toluene, Ethylbenzene and Xylenes

MTBE = Methyl Tert-Butyl Ether

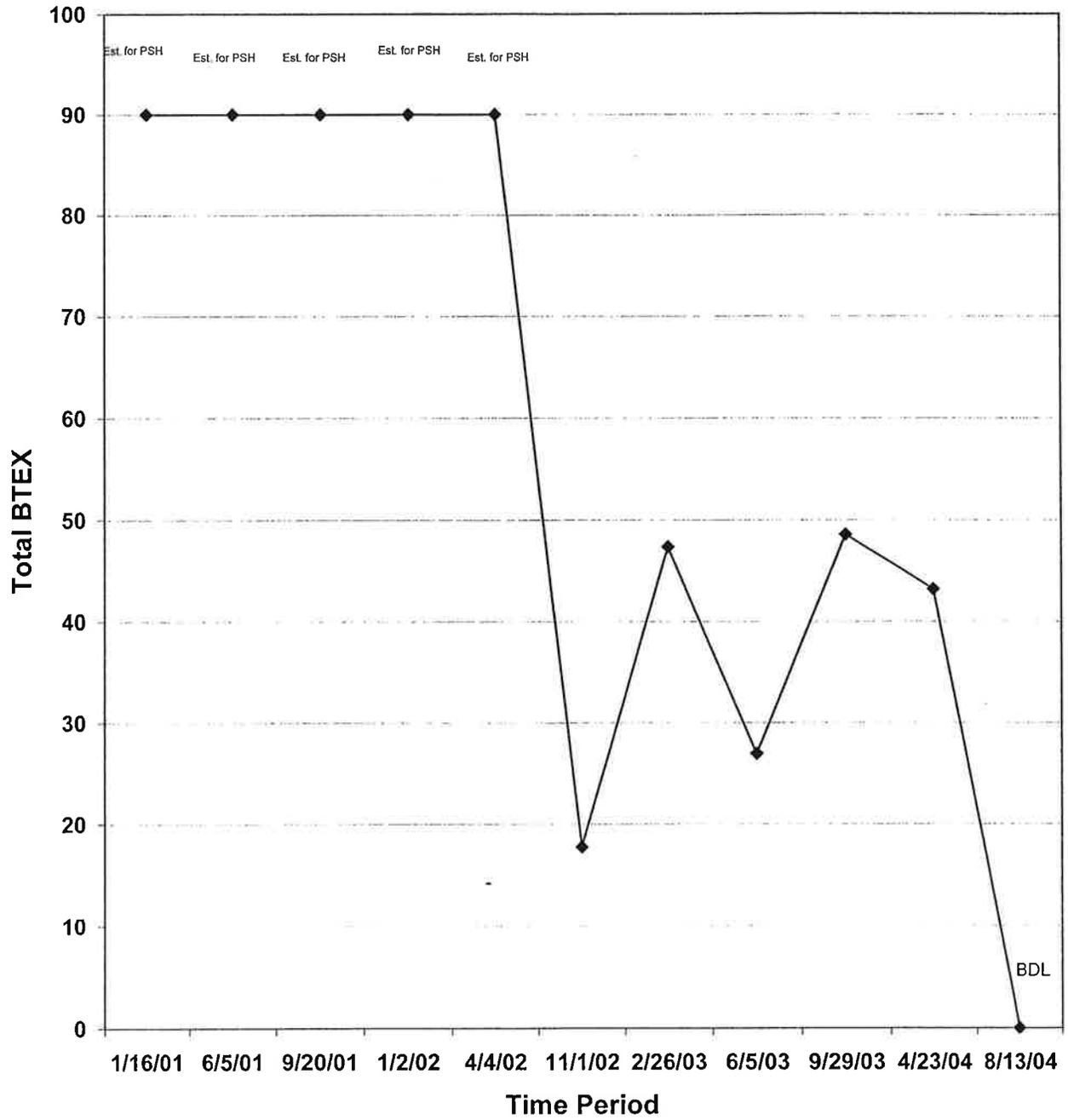
TDS = Total Dissolved Solids

NA = Not Analyzed

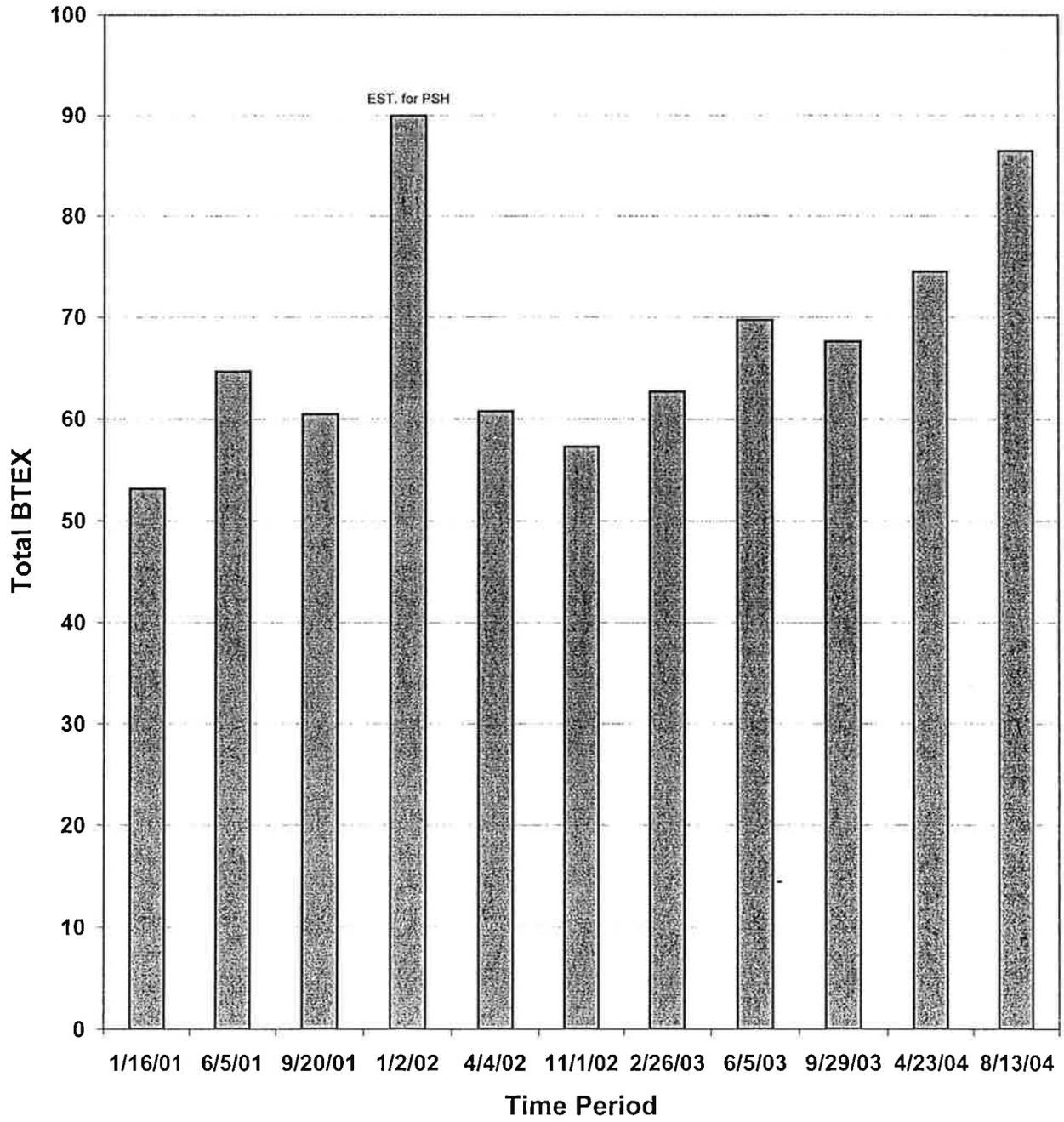
NA* = Not analyzed according to TCEQ guidance

NS = Not Sampled Due to the Presence of Free Product

Faust Distributing Facility MW-2



**Faust Distributing Facility
MW-1**



**PROPOSAL FOR MONITOR WELL PLUGGING
AND ABANDONMENT ACTIVITIES
FAUST DISTRIBUTING COMPANY
8751 FLAGSHIP DRIVE, HOUSTON, TEXAS
LPST ID NO. 115050**

SCOPE OF WORK

The following steps are proposed to be performed in order to complete the site closure process:

- All monitor wells associated with the project will be plugged and abandoned in accordance with the requirements of 16 TAC Chapter 76.
- Following the completion of the site well plugging activities, a *Final Site Closure Report* (TCEQ-0030) will be submitted to the TCEQ which will document the site well plugging activities.

As required, Ranger is registered with the TCEQ as LPST Corrective Action Specialist No. RCAS 00115. Messrs. Dan Airey, Keith Copeland and R. M. Airey, Jr., P.E. of Ranger are registered as TCEQ LPST Corrective Action Managers, Nos. CAPM 00801, 00076 and 00361, respectively.

ASSUMPTIONS

This proposal is based upon the following assumptions:

- Ranger will have access to the property during normal business hours.
- No unusual site conditions are encountered during the field activities that would be cause for further action. Examples of such conditions are inclement weather, the existence of unforeseen utility conduits, rig mechanical breakdowns, etc. It should be noted, during the course of the field activities, should any utility lines be located or damaged, the cost of repair, surface replacement, or potential relocation would be beyond the scope of this proposal.

PROJECT COSTS

This project will be performed on the basis of hourly charges for personnel plus subcontractor charges. Estimated costs for this project are included on the attached TCEQ Preapproval Form.

Plan B, CAP, and Site Closure Cost Proposal

LPST # 115050

Facility ID 11740

Responsible Party FAUST DISTRIBUTING CO., INC.

Facility Name and Address FAUST DISTRIBUTING, 8751 FLAGSHIP DR., HOUSTON

Mark Appropriate Activity

05-2 Plan B Assessment

08-1 Corrective Action Plan Preparation

11-1 Site Closure

Plan B Assessment or Corrective Action Plan

	Sub	Total		Sub	Total
Plan B Assessment			Plan B Assessment (continued)		
Basic Report Only	___	\$0	Soil Ingestion	___	0
Groundwater ingestion					
a) On-Site (Vert. F&T Modeling only)	___	\$0	Subtotal Subcontracted Personnel =	0	
b) Off-Site (Vert. + Lat. F&T Modeling to POE)	___	\$0	Subcontractor Markup %	___	0
Construction Worker			Total	___	\$0
a) Off-Site (Vert. + Lat. F&T Modeling to POE)	___	\$0			
Indoor Air			Corrective Action Plan		
a) Soil to Air	___	\$0	CAP Preparation - No Remediation System	___	\$0
b) Groundwater to Air	___	\$0	CAP Preparation - With Remediation System	___	\$0
Outdoor Air			Subtotal Subcontracted Personnel =	\$0	
a) Soil to Air	___	\$0	Subcontractor Markup %	___	\$0
b) Groundwater to Air	___	\$0	Total	___	\$0

Site Closure

A. Personnel

	Units	\$/Unit	Sub	Total
Office Costs				
Site Closure Request	1 x	\$550	___	\$550
Project Manager	4 x	\$80	___	\$320
Final Closure Report	1 x	\$230	___	\$230
Field Costs				
P&A First well	1 x	\$135	___	\$135
P&A add. wells <100' deep	4 x	\$90	___	\$360
P&A add. wells >100' deep	___ x	\$0	___	\$0
Remove Remediation System	___ x	\$0	___	\$0
Subtotal Subcontracted Personnel =		\$0		\$0
Subcontractor Markup %		___		\$0
Cost Proposal Preparation				\$115
A. Total Personnel				\$1,710

B. Rig Costs

	Units	\$/Unit	Sub	Total
Mobilization (<100 mi. r.t.)	1 x	\$300	100% =	\$300
Mileage (>100 mi. r.t.)	___ x	\$0	___	\$0
P&A Wells (first 25')	5 x	\$300	100% =	\$1,500
P&A Wells (add. footage 26'-100')	9 x	\$8	100% =	\$72
P&A Wells (add. footage >100')	___ x	\$0	___	\$0
Drill Crew Per Diem	___ x	\$0	___	\$0
Subtotal Subcontracted Rig Costs =		\$1,872		
Subcontractor Markup %		15%		\$281
B. Total Rig Costs				\$2,153

C. Other Costs

	Units	\$/Unit	Sub	Total
Disposal of Wastes	1 x	\$250	100% =	\$250
Small Items	1 x	\$20	___	\$20
___	___ x	\$0	___	\$0
___	___ x	\$0	___	\$0
___	___ x	\$0	___	\$0
___	___ x	\$0	___	\$0
Subtotal Subcontracted Other =		\$250		
Subcontractor Markup %		10%		\$25
C. Total Other				\$295

D. Travel

	Units	\$/Unit	Sub	Amount
Equipment Truck	1 x	\$140	___	\$140
One way mileage to site		175		\$0
Mileage (>100 r.t.)	250 x	\$0.35	___	\$88
Travel Time	8 x	\$65	___	\$520
Per Diem	1 x	\$90	___	\$90
Airfare	___ x	\$0	___	\$0
Subtotal Subcontracted Travel =		\$0		
Subcontractor Markup %				\$0
D. Total Travel				\$838

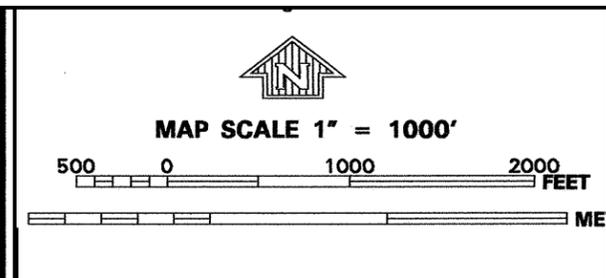
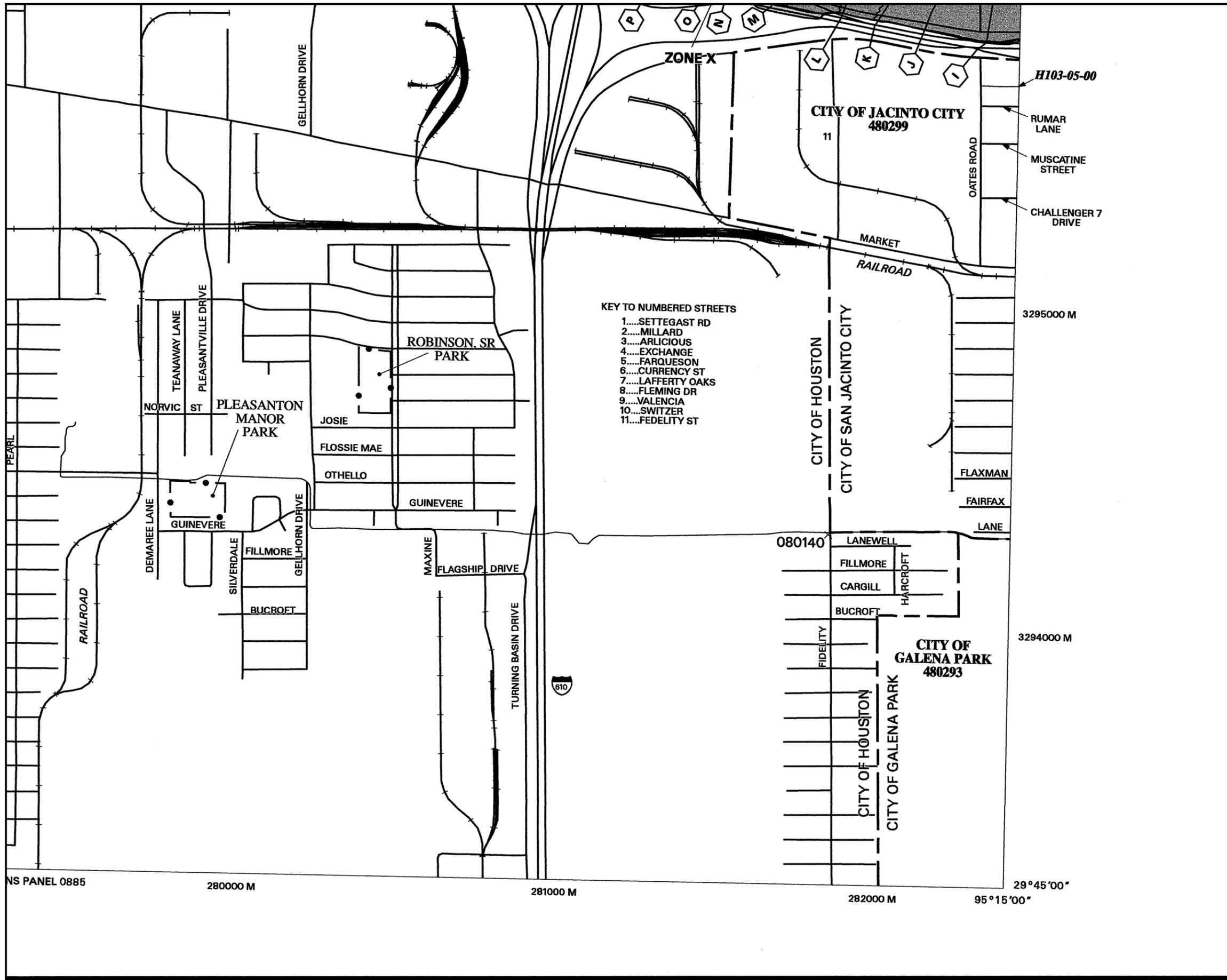
E. Total Site Closure Proposed Cost

A + B + C + D = \$4,995

<u>KEITH COPELAND</u>	/	<u>RANGER ENVIRONMENTAL SERVICES, INC</u>	/
(CAPM Name, Printed)	(Signature)	(Company)	(Date)
512/335-1785	512/335-0527	78	7/21/05
(Phone #)	(Fax #)	(CAPM #)	(Exp. Date)
<u>KEITH COPELAND</u>	/	<u>RANGER ENVIRONMENTAL SERVICES, INC</u>	/
(RCAS Rep. Name, Printed)	(Signature of Representative)	(Company)	(Date)
512/335-1785	512/335-0527	115	10/20/05
(Phone #)	(Fax #)	(RCAS #)	(Exp. Date)

I acknowledge that the TNRCC may reimburse corrective action costs that are at or below the maximum reimbursable amount published in 30 TAC, Chapter 334, Subchapter M. The maximum reimbursable cost will be the amount approved for the activity unless the Executive Director determines that sound justification for a cost surplus exists. I understand that this certification is not intended to limit what a Registered Corrective Action Specialist, Corrective Action Project Manager, or Contractor may charge. I further understand that the amount of the reimbursement for the above activity will be determined after all receipts are submitted and subjected to technical and reimbursable cost review. I certify that this TNRCC form has not been altered.

<u>FAUST DISTRIBUTING CO., INC.</u>	/	<u>JIM WARE</u>	/	<u>FAUST DISTRIBUTING CO., INC.</u>	/
(Name of Responsible Party)	(Signature of Representative)	(Name Printed)	(Company)	(Date)	
713-671-5263	713-671-5260				
(Phone #)	(Fax #)			(Date)	



PANEL 0695L

FIRM
FLOOD INSURANCE RATE MAP
 HARRIS COUNTY,
 TEXAS
 AND INCORPORATED AREAS

PANEL 695 OF 1150
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HOUSTON, CITY OF	480295	0695	L
JACINTO CITY, CITY OF	480289	0695	L
GALENA PARK, CITY OF	480293	0695	L

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
48201C0695L

MAP REVISED:
JUNE 18, 2007

Federal Emergency Management Agency

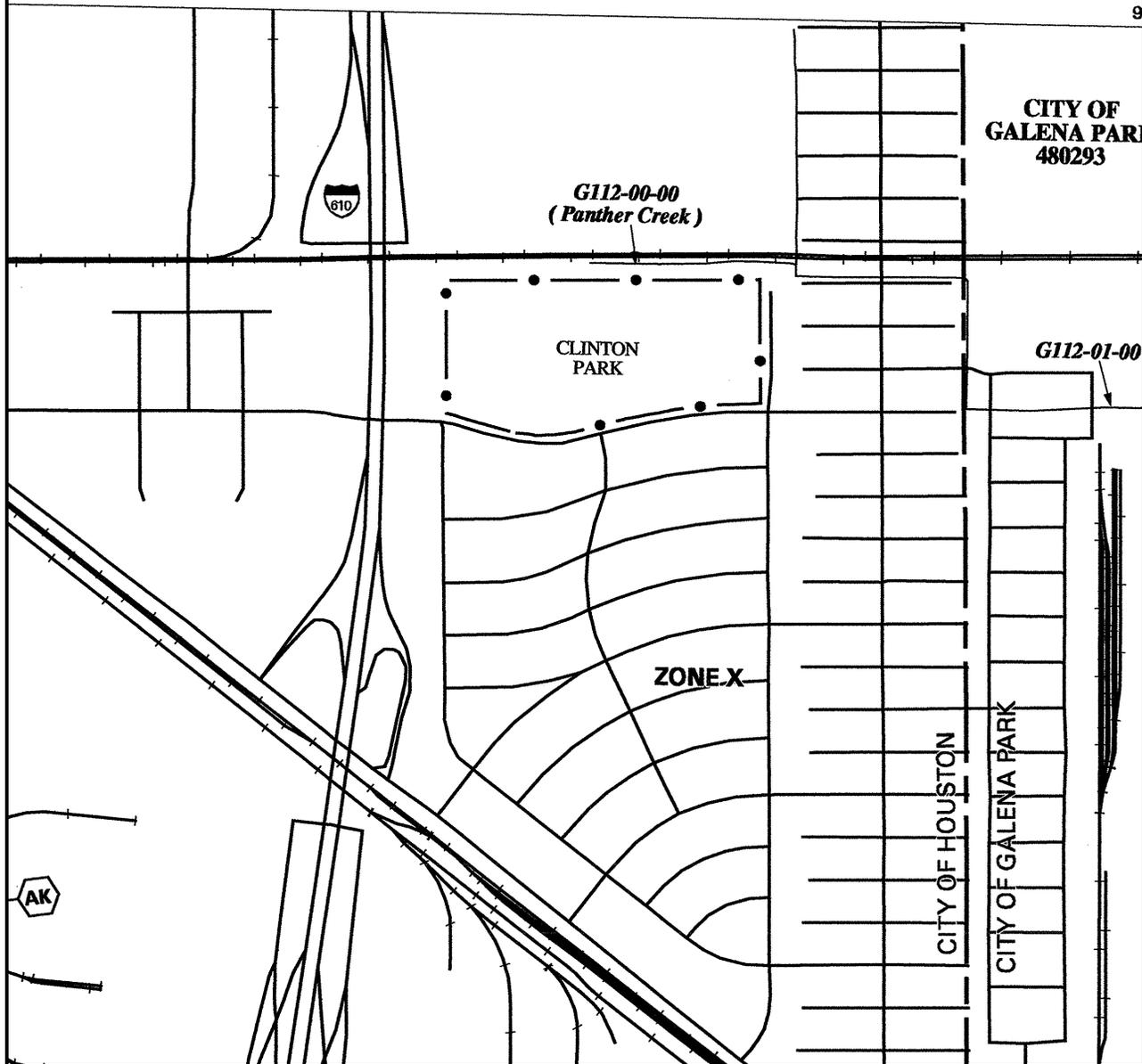
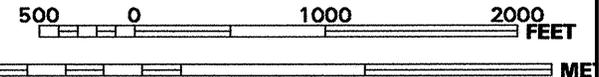
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program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

KEY TO NUMBERED STREETS

- | | | |
|---------------------|-----------------------|-------------------|
| 1.....75TH ST | 9.....RAMP RD 7 | 17....SYLVAN RD |
| 2.....FOSTER | 10....HOCKLEY ST | 18....INLANE |
| 3....LOWER LEVEL RD | 11....SYCAMORE ST | 19....JAMAICA |
| 4....HIGH LEVEL RD | 12....CYPRESS ST | 20....KEMTON |
| 5.....BASIN | 13....IDYLWOOD DR | 21....LAYTON |
| 6.....S HARBOR DR | 14....N MACGREGOR WAY | 22....BRAYS |
| 7.....MEMPHIS | 15....ROCKBRIDGE LN | 23....HUDSON |
| 8.....P AVE | 16....MERRY LN | 24....SOUTHWAY DR |



MAP SCALE 1" = 1000'



CITY OF
GALENA PARK
480293

G112-00-00
(Panther Creek)

CLINTON
PARK

G112-01-00

ZONE X

CITY OF HOUSTON

CITY OF GALENA PARK

PANEL 0885L

FIRM
FLOOD INSURANCE RATE MAP
HARRIS COUNTY,
TEXAS
AND INCORPORATED AREAS

PANEL 885 OF 1150

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HOUSTON, CITY OF HARRIS COUNTY,	480286	0885	L
UNINCORPORATED AREAS	480287	0885	L
GALENA PARK, CITY OF	480293	0885	L

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
48201C0885L

MAP REVISED:
JUNE 18, 2007



Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

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United States
Department of
Agriculture



NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Harris County, Texas

Pleasantville Drainage Improvements



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://soils.usda.gov/sqi/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?agency=nracs>) or your NRCS State Soil Scientist (http://soils.usda.gov/contact/state_offices/).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Soil Data Mart Web site or the NRCS Web Soil Survey. The Soil Data Mart is the data storage site for the official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil scientists classified and named the soils in the survey area, they compared the

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individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

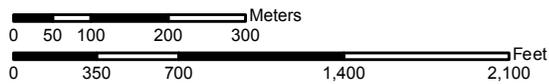
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Map Scale: 1:9,640 if printed on A size (8.5" x 11") sheet.



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Units

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

-  Very Stony Spot
-  Wet Spot
-  Other

Special Line Features

-  Gully
-  Short Steep Slope
-  Other

Political Features

-  Cities

Water Features

-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:9,640 if printed on A size (8.5" x 11") sheet.

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

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 15N NAD83

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

Soil Survey Area: Harris County, Texas
 Survey Area Data: Version 10, Oct 27, 2009

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

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

Map Unit Legend

Harris County, Texas (TX201)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Is	Ijam soils	60.4	42.5%
Lu	Lake Charles-Urban land complex	79.1	55.6%
Mu	Verland-Urban land complex	2.4	1.7%
Vn	Vamont-Urban land complex	0.4	0.3%
Totals for Area of Interest		142.3	100.0%

Map Unit Descriptions

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

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

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If

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intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Harris County, Texas

Is—ljam soils

Map Unit Setting

Elevation: 0 to 10 feet

Mean annual precipitation: 40 to 52 inches

Mean annual air temperature: 68 to 72 degrees F

Frost-free period: 270 to 290 days

Map Unit Composition

ljam and similar soils: 95 percent

Minor components: 5 percent

Description of ljam

Setting

Landform: Flats

Down-slope shape: Linear

Across-slope shape: Convex, linear

Parent material: Sandy dredge spoils and/or loamy dredge spoils

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: About 0 to 36 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum content: 10 percent

Maximum salinity: Very slightly saline to moderately saline (4.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 30.0

Available water capacity: Moderate (about 6.6 inches)

Interpretive groups

Land capability (nonirrigated): 7w

Ecological site: FIRM INTERMEDIATE MARSH (R151XY673TX)

Typical profile

0 to 8 inches: Clay

8 to 60 inches: Clay

Minor Components

Unnamed, minor components

Percent of map unit: 5 percent

Lu—Lake Charles-Urban land complex

Map Unit Setting

Elevation: 0 to 4,000 feet

Mean annual precipitation: 8 to 60 inches

Mean annual air temperature: 54 to 73 degrees F

Frost-free period: 180 to 310 days

Map Unit Composition

Lake charles and similar soils: 50 percent

Urban land: 35 percent

Minor components: 15 percent

Description of Lake Charles

Setting

Landform: Flats

Landform position (three-dimensional): Talf

Microfeatures of landform position: Gilgai

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey fluviomarine deposits of late pleistocene age

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 20 percent

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 5.0

Available water capacity: High (about 10.8 inches)

Interpretive groups

Land capability classification (irrigated): 2w

Land capability (nonirrigated): 2w

Ecological site: Blackland 24-44" PZ (R150AY526TX)

Typical profile

0 to 10 inches: Clay

10 to 22 inches: Clay

22 to 74 inches: Clay

74 to 80 inches: Clay

Description of Urban Land

Interpretive groups

Land capability (nonirrigated): 8s

Typical profile

0 to 40 inches: Variable

Minor Components

Unnamed, minor components

Percent of map unit: 15 percent

Mu—Verland-Urban land complex

Map Unit Setting

Elevation: 0 to 4,000 feet

Mean annual precipitation: 8 to 60 inches

Mean annual air temperature: 54 to 73 degrees F

Frost-free period: 180 to 335 days

Map Unit Composition

Verland and similar soils: 50 percent

Urban land: 35 percent

Minor components: 15 percent

Description of Verland

Setting

Landform: Meander scrolls

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy fluviomarine deposits of late pleistocene age

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 3 percent

Available water capacity: High (about 10.9 inches)

Interpretive groups

Land capability classification (irrigated): 3w

Land capability (nonirrigated): 3w

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Ecological site: Blackland 24-44" PZ (R150AY526TX)

Typical profile

0 to 7 inches: Silty clay loam

7 to 20 inches: Clay

20 to 72 inches: Clay

Description of Urban Land

Interpretive groups

Land capability (nonirrigated): 8s

Typical profile

0 to 40 inches: Variable

Minor Components

Unnamed, minor components

Percent of map unit: 15 percent

Vn—Vamont-Urban land complex

Map Unit Setting

Elevation: 0 to 4,000 feet

Mean annual precipitation: 8 to 60 inches

Mean annual air temperature: 54 to 73 degrees F

Frost-free period: 180 to 310 days

Map Unit Composition

Vamont and similar soils: 50 percent

Urban land: 35 percent

Minor components: 15 percent

Description of Vamont

Setting

Landform: Flats

Landform position (three-dimensional): Rise

Microfeatures of landform position: Gilgai

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey fluviomarine deposits of late pleistocene age

Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: About 18 to 36 inches

Frequency of flooding: None

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Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 2 percent
Sodium adsorption ratio, maximum: 2.0
Available water capacity: High (about 10.8 inches)

Interpretive groups

Land capability classification (irrigated): 3w
Land capability (nonirrigated): 3w
Ecological site: Blackland 24-44" PZ (R150AY526TX)

Typical profile

0 to 8 inches: Clay
8 to 70 inches: Clay
70 to 80 inches: Clay

Description of Urban Land

Interpretive groups

Land capability (nonirrigated): 8s

Typical profile

0 to 40 inches: Variable

Minor Components

Unnamed, minor components

Percent of map unit: 15 percent

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Licenses and Registrations

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Mr. Brunson joined Halff Associates in 1997, bringing two years of experience. He has performed Phase I Site Assessments and Phase II Site Investigations for various financial, legal, and industrial clients. His experience includes environmental reviews of both active and inactive residential, commercial, and industrial properties. In addition, Mr. Brunson has provided environmental support in the completion of hazardous waste site cleanup and removal assessments; remedial design/remedial actions, subsurface investigations, UST removals, emergency response, groundwater recovery system installations, provided project oversight, and comprehensive multi-media sampling investigations. Mr. Brunson is an accredited asbestos inspector under Section 206 of TSCA, Title II, and has completed asbestos surveys in public schools, Federal buildings, and industrial facilities. Mr. Brunson is a Texas Department of State Health Services (TDSHS) licensed Asbestos Consultant. Representative projects include:

- San Jacinto River Authority Comprehensive Asbestos Surveys & Asbestos Abatement Specifications, Dallas, Texas – Lead Environmental Professional providing asbestos inspection and consulting services to SJRA for the demolition of a residential structure and renovation of two office buildings located on the SJRA campus. Services included comprehensive asbestos surveys, the production of CAD drawings, detailing the location and extent of asbestos containing materials (ACM), and the implementation of appropriate response actions, as well as consultation regarding compliance with state and federal regulations, standards and abatement options for the removal of asbestos containing materials. (9/2009) and 6/2010)
- San Antonio River Authority - Phase I Environmental Site Assessment for a Semi Conductor Manufacturing Facility in Arlington, Texas – Environmental Scientist and Project Manager for the performance of environmental due diligence services for a real estate transaction involving a 28-acre retail site. Recognized environmental conditions included: historic gas stations, dry cleaners, and automotive repair facilities. The Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) E1527-05 Standard Practice. (6/2009)
- Phase I Environmental Site Assessment for a Semi Conductor Manufacturing Facility in Arlington, Texas – Environmental Scientist and Project Manager for the performance of environmental due diligence services for a real estate transaction involving a 330,000 sf semi conductor manufacturing facility on a 65-acre site. On-site environmental concerns included: Total Metals (RCRA 8), Total Petroleum Hydrocarbons (TPH), and Volatile Organic Compounds (VOC) affected soil and groundwater. The Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) E1527-05 Standard

Practice. (2/2010)

- DART, Miscellaneous Environmental Compliance Contract, Dallas, Texas – Environmental Scientist on a team for a multiple work order Indefinite Delivery Miscellaneous Environmental Site Compliance Contract for Dallas Area Rapid Transit (DART) involving environmental services required for the current and future phases of light rail transit build out, bus operations, and commuter rail operations in the Dallas Metroplex. Services provided included the completion of site investigations/contamination assessments to fully evaluate impacted properties, developing and implementing remedial actions under the TCEQ PST/TRRP rules to close sites with contaminated soil and/or groundwater under the VCP, IOP, PST, or Corrective Action (CA) programs, providing comprehensive management and construction associated with petroleum storage or fueling system services, NPDES/TPDES/SW3P compliance, and support required for emergency response services. Fifty two task orders have been issued under the contract and include the following services:
 - Storm Water Management, Multiple Sites DFW Area – Completed storm water management services to meet TPDES/SW3P requirements for bus maintenance facilities, light rail/commuter rail facilities, and HOV facilities. The services included the periodic inspections to evaluate best management practices, visual monitoring and reporting, and storm water sampling and laboratory analyses.
 - Phase I Environmental Site Assessments (ESAs) and Environmental Site Screenings (ESSs), Irving and Rowlett, Texas – Completed ESAs and ESSs for properties including vacant land, residential properties, retail properties, commercial facilities, and industrial properties for future Blue and Orange Light Rail Lines.
 - Comprehensive Asbestos Surveys, Dallas, Texas – Completed Comprehensive Asbestos Surveys required for the demolition of structures. Asbestos surveys were completed at bridges, retail properties, commercial office buildings, and warehouse facilities.
 - Surface and Subsurface Site Investigations, Dallas, Texas – Completed surface and subsurface investigations at four properties to evaluate potential impacts associated with releases of organic and inorganic contaminants. Data developed during site investigations were utilized to evaluate remedial alternatives, develop remedial plans, prepare cost analyses, and support TCEQ regulatory submittals required for closure of affected sites.
 - Environmental Remediation and TCEQ Closures, Dallas, Texas – Provided remedial oversight and remedial construction services, performed verification sampling, and prepared regulatory submittals for cleanup and closure of affected media at PST/LPST and industrial facilities through the PST Program, Corrective Action Program, and Voluntary Cleanup Program. Sites were evaluated in accordance with the applicable risk-based rules (i.e., TRRP, RRR, PST) and response actions implemented during the closure of the facilities included source control/excavation and disposal, Monitored Natural Attenuation (MNA), institutional controls, and engineering controls.

- Dallas Area Rapid Transit System Comprehensive Asbestos Surveys & Asbestos Abatement Specifications, Dallas, Texas – Lead Environmental Professional providing asbestos inspection and consulting services to DART for two commercial buildings. Services included comprehensive asbestos surveys to identify and quantify asbestos

containing materials (ACM), production of CAD drawings detailing the location and extent of ACMs and preparation of asbestos abatement specifications for the removal of ACMs prior to demolition of the two buildings to facilitate construction activities related to the construction of the DART Inwood Light Rail Transit Station. (5/2010)

- Phase I and Subsurface Investigation for the Capital Well Service Facility in Jourdanton and Carrizo Springs, Texas – Environmental Scientist and Project Manager for the performance of environmental due diligence services for a real estate transaction involving two oil field service facilities. The results of the Phase I investigation resulted in further investigation of the site in Jourdanton. Technical services included: subsurface investigation, risk assessments, and contractor procurement. Environmental concerns included: Total Metals (RCRA 8), Total Petroleum Hydrocarbons (TPH), and Volatile Organic Compounds (VOC) affected soil and groundwater. Work included the collection of soil samples for laboratory analysis for metals, TPH, and VOCs. A final report of the findings was prepared.
- TPDES Storm Water Evaluation – the city of The Colony, Texas – Project Manager in charge of field activities to evaluate 15 municipal sites to identify industrial conditions impacting stormwater quality discharge problems. Potential sources of storm water pollution identified during the evaluation included vehicle maintenance practices, above ground petroleum storage tanks, household hazardous waste storage, waste oil and battery storage, and stock piled sand. A final report of the findings was prepared outlining potential sources for impacts to stormwater runoff and Best management Practices (BMPs) to meet the requirements of the Texas Commission on Environmental Quality (TCEQ) Texas Pollutant Discharge Elimination System (TPDES).
- Oil Field Services, Multi-Site Environmental Due Diligence Services; North Texas – Performed environmental due diligence services for a business transaction involving 23 oil and gas well sites located in six north Texas counties. The environmental services provided included Site investigations and reviews of regulatory databases to assess compliance issues associated with the on-site oil and gas operations and to identify evidence of suspected contamination on the subject properties.
- Dallas Area Rapid Transit, Abandoned UST Removal; Dallas Texas – Project manager in charge of the removal of three abandoned USTs at two sites. The abandoned USTs were discovered during construction activities associated with the DART light rail line. Responsible for emergency response actions, contractor coordination and oversight, coordination with the appropriate regulatory agencies, and implementation of sampling and analysis plans for site closure.
- University of Texas System, Environmental Due Diligence Services, Multiple locations throughout Texas – Environmental Scientist and field supervisor for multiple projects for The University of Texas System (UT) involving environmental services required for the acquisition of real estate to support expansion. Services were provided at several UT campuses located in Houston, San Antonio, Tyler, Palestine, Harlingen, and McAllen, Texas. Services included the preparation of environmental site assessments, completion of subsurface investigations, and remedial alternative evaluations in accordance with TRRP requirements. The projects were performed in compliance with TCEQ, Environmental

Protection Agency (EPA), and other regulatory agency guidelines. Surface and subsurface investigations involving the installation of soil borings and monitor wells were completed to evaluate potential impacts associated with releases of organic and inorganic contaminants. Data developed during site investigations were utilized to evaluate remedial alternatives, develop remedial plans, prepare cost analyses, and prepare TCEQ regulatory submittals required for closure of affected sites. Fifteen projects were performed for the University of Texas System.

- Former Truck Yard and Solvent Facility Property, University of Texas MD Anderson Cancer Center, Houston, Texas – Environmental Scientist on acquisition team for environmental services associated with the redevelopment of approximately 2.4 acres of industrial property for a hospital campus development. The site included a historical solvent facility and a truck yard and warehouse facility. Potential off-site facilities included a dry cleaners and petroleum storage tank facility. Environmental concerns included heavy metals, petroleum hydrocarbon, and chlorinated solvent contaminated soil and groundwater. Chlorinated solvent and petroleum hydrocarbon affected soil and groundwater were identified at the site. Various remedial alternatives were evaluated to meet the cleanup objectives for the impacted media at the site. The site was entered into the Texas VCP and response actions are being completed under TRRP. Technical services provided included a review of previous Phase I Environmental Site Assessments and subsurface investigation reports, additional subsurface investigation, preparation of an Affected Property Assessment Report, regulatory coordination, feasibility studies, and remedial alternatives evaluation. The project included detailed evaluation of the use limitations and economic impacts of environmental issues on site redevelopment. Additional services include the preparation of a MSD application for affected groundwater at the site. The project is currently ongoing.
- University of Texas MD Anderson Cancer Center 28-Acre Site, Houston, Texas – Environmental Scientists on acquisition team for environmental services associated with the redevelopment of approximately 28 acres of industrial and residential property for a hospital campus development. The site included a historical residential development and an industrial facility with an underground storage tank (UST). Potential off-site concerns included an adjacent property that was historically occupied by a solvent facility and a truck yard and warehouse facility. A petroleum storage tank facility was also an off-site concern. Environmental concerns included petroleum hydrocarbon, and chlorinated solvent contaminated soil, and groundwater. Chlorinated solvent and petroleum hydrocarbon contaminated groundwater originating from the adjacent solvent and truck yard warehouse facility property were identified at the site. The site was entered into the Texas VCP and response actions are being completed under TRRP. Technical services provided included a review of previous Phase I Environmental Site Assessments, subsurface investigations, additional subsurface investigation, preparation of an Affected Property Assessment Report, regulatory coordination, feasibility studies, and remedial alternatives evaluation. The project included detailed evaluation of the use limitations and economic impacts of environmental issues on site redevelopment. Additional services include the preparation of a MSD application for affected groundwater at the site. The project is currently ongoing.
- Pepsi-Cola Concentrate Facility Asbestos Surveys & Operations & Maintenance Program, Arlington, Texas – Licensed Asbestos Consultant for providing consulting

services to Pepsi for the 131,000 sf Arlington facility. Services included evaluation of the client's past asbestos related activities and the performance of a needs assessment to characterize areas to improve the existing program, the development of a comprehensive survey strategy to identify and quantify the asbestos containing building materials, the implementation of appropriate response actions, and the production of CAD drawings detailing the location and extent of asbestos containing materials, and design an Operations and Maintenance Program for the facility. Halff Associates also provided project management services to Pepsi in order to facilitate the removal of identified asbestos containing materials to facilitate ongoing renovation and improvement programs.

- Phase I and Subsurface Investigation for the Western Energy Services Facility in Clyde, Texas – Environmental Scientist and Project Manager for the performance of environmental due diligence services for a real estate transaction involving an oil field service facility. Technical services included: subsurface investigation, risk assessments, and contractor procurement. Environmental concerns included: Total Metals (RCRA 8), Total Petroleum Hydrocarbons (TPH), and Volatile Organic Compounds (VOC) affected soil and groundwater. Work included the collection of soil samples for laboratory analysis for metals, TPH, and VOCs. A final report of the findings was prepared.
- TPDES Storm Water Management Services, Dallas Area Rapid Transit (DART), Dallas Texas – Project Manager in charge of field activities for storm water management services to meet the Texas Commission on Environmental Quality (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) requirements for DART bus service, inspection and vehicle maintenance facilities that included periodic facility inspections to verify compliance with facility Storm Water Pollution Prevention Plans (SWP3), quarterly visual inspections to monitor effluent storm water during rain events, and bi-annual storm water sample collection to meet TCEQ yearly reporting requirements. Services included the identification of facility storm water outfalls, observing overall site conditions/operations, preparation of periodic inspection reports to identify potential compliance issues, and storm water sampling from designated storm water outfalls during rain events for visual observations and laboratory analysis for potential constituents of concern (COCs) and water quality parameters.
- Oil Field Services, Multi-Site Environmental Due Diligence Services, Odessa, Texas – Performed environmental due diligence services for a business/property transaction involving seven sites in Odessa, Texas. The environmental services provided included site investigations and reviews of regulatory databases that potentially included the sites and surrounding properties. Processes identified in the area included: machine shop processes, welding, under ground storage tanks, plating facilities, and freight trucking / repair facilities. Environmental concerns identified were heavy metals, petroleum, hydrocarbons and chlorinated solvents in the subsurface soil and groundwater. As a result of the property investigations, all properties were included in the business transaction.
- Dallas Area Rapid Transit System Comprehensive Asbestos Surveys & Operations & Maintenance Program, Dallas, Texas – Lead Environmental Professional providing asbestos inspection and consulting services to DART for the demolition of commercial and residential structures located on property acquired for the construction of a light rail system.

Services included comprehensive asbestos surveys, the production of CAD drawings, detailing the location and extent of asbestos containing materials (ACM), and the implementation of appropriate response actions, as well as consultation regarding compliance with state and federal regulations, standards and abatement options for the removal of asbestos containing materials.

- USACE Dyess AFB, Abilene, Texas – Lead Environmental Professional providing asbestos inspection services to USACE for the demolition of residential structures. Services included comprehensive asbestos surveys, the production of CAD drawings detailing the location and extent of asbestos containing materials, and the implementation of appropriate response actions.
- Dallas Center for Performing Arts Foundation Comprehensive Asbestos Surveys and Abatement Specifications, Dallas, Texas – Lead Environmental Professional providing asbestos inspection and consulting services to DCPAF for five buildings. Services included comprehensive asbestos surveys to identify and quantify asbestos containing materials (ACM), production of CAD drawings detailing the location and extent of ACMs and preparation of asbestos abatement specifications for the removal of ACMs prior to demolition of the five buildings.
- United States Postal Service Asbestos Abatement, Marlin, Texas – Provided asbestos inspection and consulting services to the UPS for the abatement of approximately 4,000 sf of asbestos containing acoustic ceiling texture and approximation 6,000 sf of asbestos containing floor tile and mastic. Halff Associates provided detailed abatement specifications for the identified ACMs prior to the renovation of the Marlin main post office.
- Raytheon Systems Comprehensive Asbestos Survey & Operation & Maintenance Program, Garland, Texas – Lead Environmental Professional providing asbestos inspection and management planner consultation services to Raytheon for 20 buildings totaling approximately 1.2 million sf. Services included evaluation of the client's operation and maintenance program performance of a needs assessment to characterize areas to improve the existing program, the development of a comprehensive survey strategy to qualify and quantify the asbestos containing building materials, the implementation of appropriate response actions, and the production of CAD drawings detailing the location and extent of asbestos containing materials, Halff Associates also provided project management services to Raytheon in order to facilitate the removal of damaged asbestos containing materials. These materials posed a potential exposure risk to personnel working in proximity to the damaged materials. The project objectives were completed and available to Raytheon in 60 days for an internal corporate facilities audit. The project performed by Halff Associates allowed Raytheon to receive an excellent score on the asbestos portion on the audit.
- USACE Fort Bliss Defense Charrette Project, El Paso, Texas – Assessed regulated hazardous materials, to include asbestos and lead. The project was accomplished by performing visual assessments and the collection of appropriate material samples to characterize the type and quantity of hazardous or other regulated materials present in two defense vehicle repair facilities. Based upon the visual assessments and interpretation of

laboratory data, appropriate corrective actions were implemented to assist the client in assuring compliance with local, state and federal to demolish the subject properties. A comprehensive formal project report was issued to the client.

- United States Postal Service Asbestos Inspection, Texas – Provided asbestos inspection and management planner consultation to the USPS in Texas as part of a multi-year indefinite delivery contract. Services included the development of a comprehensive survey strategy to qualify and quantify the asbestos containing building materials, the implementation of appropriate response actions, and the production of CAD drawings detailing the location and extent of asbestos containing materials. Halff Associates provided project management consulting services to facilitate the removal of asbestos containing materials prior to building renovation or demolition.
- Remediation of a Warehouse Facility, Cedar Hill, Texas – Conducted a Phase 1 ESA, Level II subsurface investigative activities, prepared plans and specifications for remedial contractor procurement, and provided regulatory compliance services that resulted in receipt of a TCEQ VCP Certificate of Completion.
- Ethylene Glycol Release, Dallas, Texas – Responded to an industrial client regarding a release of ethylene glycol. Halff performed a subsurface investigation, prepared plans and specifications, conducted remedial contractor procurement, and corrective actions, and received closure through the TCEQ.
- Warehouse Distribution Facility, Dallas, Texas – Conducted a Phase I ESA and subsequent risk-based subsurface investigation for a warehouse distribution facility. Prepared plans and specifications for the removal of 6 PSTs, provided construction management and verification sampling services, and prepared TCEQ required documentation, and closed the site in accordance with 30 TAC 334.
- Multi-Site Environmental Services, North Texas – Performed environmental subsurface investigations for the redevelopment of approximately 60 acres of industrial property for a hospital campus development. The area of development included: historical lead battery manufacturing, food processing, steel manufacturing, freight trucking / repair facilities and railroad spurs. Environmental concerns identified were heavy metals, petroleum, hydrocarbons, and chlorinated solvents in the subsurface soil and groundwater. The sites were evaluated under the TCEQ Texas Risk Reduction Program.
- Trinity Industries, Dallas, Texas – Review of third party asbestos inspection report for a former rail car manufacturing facility. Responsibilities included verifying quantities of identified friable, Class I non-friable, and Class II non-friable building materials. Subsequently finding, mapping, and quantifying approximately 800 lf of friable Thermal System Insulation in facility Administration Building.
- Asbestos Management Planner Services – Responsible for conducting AHERA surveys in Federal buildings for the USPS in Texas and Oklahoma. Other responsibilities included conducting asbestos surveys for the purpose of obtaining building permits for the demolition/renovation of commercial properties. Other responsibilities included review of

third party asbestos inspections and Operations and Maintenance Plans for existing clients.

- Solvent Affected Media Remediation, Lewisville, Texas – Project Scientist for conducting groundwater monitoring for parameters such as dissolved oxygen, oxygen reduction potential pH, and conductivity to evaluate the potential for natural attenuation of a groundwater aquifer impacted by waste dry cleaning solvents. Site was evaluated in accordance with Risk Assessment procedures and contaminant fate and transport modeling. Remedial actions were implemented through the Voluntary Cleanup Program of the TCEQ in accordance with the Risk Reduction Rules.
- City of Alvin, Alvin, Texas – Performed contamination assessment of subsurface media associated with the construction of underground utilities in the vicinity the major intersection of SH 35 By-Pass and East SH 6 in Alvin, Texas. Environmental concerns included groundwater impacted by benzene associated with an abandoned gas station, impacts to soil and groundwater from an abandoned crude oil pipeline, and impacts to soil and groundwater associated with mercury contamination from an adjacent industrial facility. Technical services included delineation of subsurface contaminants, risk assessment, contractor procurement, and construction management. Remedial action plan was designed for areas identified as having been impacted by subsurface contaminants. Construction of subsurface utilities was successfully completed through contaminant plumes identified during investigation activities.
- Storm Water Management, Multiple Sites, DFW Area – Project Scientist for storm water management services to meet Municipal Separate Storm Sewer System (MS4) and Texas Pollutant Discharge Elimination System (TPDES) requirements for retail facilities, vehicle maintenance facilities, metal recycling facilities, warehouse/maintenance facilities, and construction projects. Services included evaluation and implementation of best management practices, identification of facility storm water outfalls, development of storm water sampling protocols, and storm water sampling for specific contaminants identified by TPDES requirements.
- University of Houston, Houston, Texas – Project Manager in charge of field activities for the environmental services associated with the development of a 12-acre student-housing site. The site was historically occupied by a city of Houston sewage treatment plant and a staging area for undocumented fill material. Technical services included: subsurface investigation, risk assessments, corrective action, remediation design, regulatory coordination, contractor procurement, construction management, and remedial oversight. Environmental concerns included total metals, total petroleum hydrocarbons, and sludge associated with the former sewage treatment plant. The project included the remediation of approximately 4,000 cy of soil contaminated with heavy metals.
- Hitachi Semiconductor (America) Facility Environmental Remediation, Irving, Texas – Project Scientist for the environmental services associated with the closure of the former semiconductor assembly facility. Performed various affected property assessment activities, including delineation of impacted groundwater and surficial grid sampling for the closure of the facility in accordance with the Texas Risk Reduction Program (TRRP) rules and the Voluntary Cleanup Program (VCP). Technical services included construction

management and remedial oversight. Environmental concerns on the site included releases of chlorinated solvents in two areas of the property. The site was closed under the TRRP Standard A residential levels without requiring institutional or engineering controls.

- Mansfield Farm, Mansfield, Texas – Project Scientist in charge of investigation activities for the environmental services associated with the development of a 274-acre mixed-use property located south of Fort Worth, Texas. Four waste pits at the subject property were historically used for the disposal of drummed paint waste from trailer manufacturing operations and municipal solid wastes from various business operations. Performed various affected property assessment activities including the supervision of the excavation of 28 exploratory trenches at four sites located on the site, and groundwater sampling for the closure of the facility in accordance with the Texas Risk Reduction Program (TRRP) rules and the Voluntary Cleanup Program (VCP).
- American Airlines Center, Dallas Texas – Project Manager in charge of field activities for the environmental services associated with the development of approximately 60 acres of historically industrial property for the downtown arena and ancillary development. The project was included in the Federal Brownfields Program and the state Voluntary Cleanup Program (VCP). Technical services included: subsurface investigation, risk assessments, corrective action, remediation design, regulatory coordination, contractor procurement, construction management, and remedial oversight. Environmental concerns included: Total Metals (RCRA 8), Polynuclear Aromatic Hydrocarbons (PAH), and Total Petroleum Hydrocarbons affected soil and groundwater. The project included the remediation of approximately 200,000 cy of soil and 4,000,000 gallons of contaminated groundwater. *Half Associates, Inc. received the 2000 Environmental Engineering Excellence Award from the Consulting Engineers Council of Texas for this project, the 2001 Phoenix Award from EPA Region VI, and the 2002 TCEQ Environmental Award.*
- UST Management Services, United States Postal Service, Coppell Texas – Field Supervisor in charge of UST removal activities at the North Texas Bulk Mail facility. Responsible for removal/bid specifications, emergency response actions, contractor oversight, and implementation of sampling and analysis plans with state regulators for site closure.
- Maintenance Facilities, UST Management Services: Texas Department of Transportation – Field Supervisor in charge of UST removal activities in the Lubbock and Childress Districts. Responsible for emergency response actions, contractor oversight, and implementation of sampling and analysis plans with state regulators for site closure.
- NAS Kingsville and NAS Orange Grove, Aviation Fuel Storage Facility – Provided environmental consulting and engineering services for the Environmental Division of the NAS. Collected data and produced site plans and specifications for compliance with the TCEQ's UST regulations.
- Baylor Health Care System, Multi-Site Environmental Due Diligence Services – Performed environmental due diligence services for facilities involved in a \$133,000,000 real estate transaction between Baylor Health Care System and a Nashville real estate investment

trust. The environmental services provided included Phase I Environmental Site Assessments and asbestos surveys for 20 medical office buildings covering more than 1 million sf of space located on or near Baylor hospital campuses in Dallas, Garland, Southlake, Colleyville, Mesquite, Grapevine, Terrell, Waxahachie, and Midlothian, Texas.

- Project oversight for the removal and bioremediation of 12,000 cy of contaminated soil for United States Postal Service.
- Performance of Environmental Site Assessments for various financial, legal, and industrial clients. This includes reviewing the history of the site and surrounding properties, land use, geologic setting, and a regulatory and special resources review.
- Geological and hydrological interpretation of sampling data collected near leaking underground storage tanks to assess the potential subsurface soil and/or groundwater contamination.
- Reviewing technical reports for PST and non-PST related projects including remedial investigations, subsurface investigations, environmental assessments, UST removals, lead-based paint surveys, and asbestos surveys.
- Performance and/or review of environmental assessment documents in accordance with NEPA (41 USC 4321, et.seq). Areas of expertise include environmental regulations, secondary and cumulative effects, and natural and physical environment impacts. Current projects include proposed SH 183 improvements in Dallas, County.
- Coordinating, managing, and conducting Environmental Site Assessments/Environmental Assessments, Remedial Activities, Asbestos Surveys, and Air Conformity Analysis for United States Postal Service facilities in Texas and Oklahoma.

Technical Training

Asbestos Inspector Training, EPA 40 CFR 763 – 24 Hours
Asbestos Project Manager, EPA 40 CFR 763 –24 Hours
Asbestos Project Designer, EPA 40 CFR 763 – 24 Hours
Asbestos Management Planner EPA 40 CFR 763 – 24 Hours
Asbestos Management Planner, EPA 40 CFR 763 – 24 Hours
NIOSH 582 Equivalency Course, OSHA 29 CFR 1926 and 1910 – 40 Hours
Hazardous Materials Safety Training - OSHA 29 CFR 1910.120 – 40 Hours
Hazwoper (8 Hours) Refresher in Accordance with 29 CFR 1910.120 Hours

07/2010