

Draft Environmental Assessment

Ruiz Triangle Temporary Community Housing Site

Galveston, Galveston County Texas

FEMA-1791-DR-TX

December 19, 2008



FEMA

**U.S. Department of Homeland Security
FEMA Region 6
800 N. Loop 288
Denton, TX 76209-3698**

Table of Contents

A. Introduction	2
B. Purpose and Need	2
C. Environmental Review Process	3
D. Site Selection Process and Alternatives	3
Alternative 1- No Action Alternative	3
Alternative 2 – Develop the Site with Mobile Homes/Park Models (Proposed Action)	3
Project Location and Site Description	4
Project Description	4
E. Affected Environment and Environmental Consequences	4
Alternative 1- No Action Alternative	5
Alternative 2 - Develop the Site with Mobile Homes/Park Models (Proposed Action)	5
F. Additional Impact Analysis	9
G. Cumulative Impacts	10
H. Public Involvement	10
I. Conclusion	10

List of Figures

1. Regional map
2. Local map
3. Aerial image
4. Facing northeast
5. Facing northwest
6. Environmental Considerations
7. Site Layout

Appendices

1. Record of Environmental Consideration
2. Hazardous, Toxic, and Radiological Waste Report

**Draft Environmental Assessment
Ruiz Triangle Community Mobile Home Park
Galveston, Texas
Hurricane Ike
FEMA-1791 DR -TX**

A. Introduction

Hurricane Ike, a Category 2 hurricane with a storm surge above normal high tide levels, moved across the Texas coast on September 7, 2008. Maximum sustained winds at landfall were estimated at 125 miles per hour. President Bush declared a major disaster for the State of Texas due to damages from Hurricane Ike signing a disaster declaration (FEMA-1791-DR-TX) on September 13, 2005, authorizing the Department of Homeland Security's Federal Emergency Management Agency (FEMA) to provide federal assistance in designated areas. FEMA proposes to administer this disaster assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), PL 93-288, as amended. Section 408 of the Stafford Act authorizes FEMA's Individual Households Program to provide emergency and temporary housing for eligible disaster victims whose homes are uninhabitable or destroyed as a result of the declared event.

This Draft Environmental Assessment (Draft EA) has been prepared in compliance with the National Environmental Policy Act of 1969 (NEPA); the President's Council on Environmental Quality regulations implementing NEPA (40 CFR 1500-1508); and FEMA's regulations implementing NEPA (44 CFR 10.9). The purpose of this Draft EA is to analyze potential environmental impacts of the proposed construction of the temporary community housing site to be known as Ruiz Triangle Temporary Housing Site, as part of an expedited review process. FEMA will use the findings in this Draft EA to determine whether to prepare an Environmental Impact Statement (EIS) or issue a Finding of No Significant Impact (FONSI).

B. Purpose and Need

Catastrophic damage from Hurricane Ike has resulted in an extraordinary demand for housing assistance in Galveston County. The purpose of this action is to fulfill FEMA's mandate under the Individual and Households Program to expeditiously provide temporary housing for eligible disaster victims. To date, about 71,292 requests for federal assistance have been received for Galveston County and of these requests, approximately 885 (total Pre-Placement Interviews) are for temporary housing assistance (FEMA Individual Assistance Program Summary Report December 15, 2008). The estimated number of applications for direct housing assistance specifically for the Ruiz Triangle temporary housing site, provision of a manufactured housing unit on an available private, commercial park or community site location, is 770 for Galveston County (FEMA Individual Assistance Program Manufactured Housing Activity Report December 17, 2008). Most of this demand will be met by placing a mobile home on an applicant's private site or providing them with a mobile home on an available pad leased in a commercial park. However, once these options are exhausted, FEMA estimates many applicants still will remain in need of direct housing, thus supporting the need to develop a temporary community housing site, hereafter "community site."

C. Environmental Review Process

In order to meet the urgent needs of disaster victims in need of temporary housing, FEMA has implemented an expedited environmental review process. The purpose of this document is to assist FEMA in fulfilling its environmental review responsibilities under NEPA and serve as a vehicle to document compliance under other applicable environmental laws. Laws and Executive Orders addressed through this Draft EA include: the Clean Air Act, Clean Water Act, Endangered Species Act, National Historic Preservation Act, Executive Order 11988 (Floodplain Management), Executive Order 11990 (Protection of Wetlands), Executive Order 12898 (Environmental Justice), and Farmland Protection Policy Act. Other resource areas or issues evaluated in this Draft EA include floodplain, coastal zone, noise, visual resources, traffic, socioeconomics, safety and security, and hazardous and toxic waste. Agency coordination/consultation is being conducted on a site by site basis as necessary.

The scope of FEMA's environmental review includes evaluating project alternatives, characterizing the affected environment, identifying potential environmental impacts, and outlining ways to reduce or minimize adverse affects. This Draft EA examines the site-specific environmental impacts associated with building a proposed FEMA community housing site on privately owned land to be leased by the General Service Administration for this purpose.

This Draft EA was prepared based on a site evaluation, document research, and resource agency information. An electronic version of the Draft EA will be provided to interested agencies prior to and during the public comment period. The public participation period will be brief, as necessitated by the emergency circumstances. Agency coordination and consultation will be deemed complete at the end of the public comment period. FEMA believes that this process will allow for sufficient action analysis and meet the goal of providing timely federal assistance to disaster victims.

D. Site Selection Process and Alternatives

NEPA requires investigation and evaluation of reasonable project alternatives as part of the project environmental review process. At a minimum, FEMA's NEPA implementing regulations require the No Action and Proposed Action be evaluated. Concurrent to the Proposed Action; federally assisted housing options, including minor home repairs, rental assistance and installing a mobile home or Park model on a private site or in an existing mobile home park, are being exhausted first; for those requesting housing assistance in the impacted area. These options rapidly deplete with the high demand, accordingly, a remaining alternative is to build an emergency and temporary community housing site where the above options do not satisfy the demand.

In order to expedite the community housing site selection process, FEMA is working closely with local officials to identify potential sites followed by a cursory site reconnaissance and research to determine suitability. Important factors considered in choosing a site include: demand for temporary housing in that area, community acceptance, proximity of community services/amenities (schools, healthcare facilities, public transportation, etc), engineering and construction feasibility, access to utilities, land use compatibilities, property owner terms, costs to develop and maintain site, and environmental/cultural resource sensitivities. FEMA continues to evaluate alternative sites in Galveston County, and other counties within coastal southeast Texas. Although various alternatives have been and continue to be identified, the extraordinary amount of needed housing have limited this Draft EA to analysis of one suitable site alternative at this time. The Ruiz site was selected for further analysis because it meets the basic site feasibility and selection criteria.

Alternative 1- No Action Alternative

Under the No Action alternative, FEMA would not develop a temporary community housing site for this area. Displaced residents would continue to stay with relatives/friends, in hotels, or other temporary locations until they resolve their own long-term housing needs.

Alternative 2 – Develop the Greg's Site with Mobile Homes (Proposed Action)

The Proposed Action would provide temporary housing for eligible disaster victims displaced by Hurricane Ike in Galveston, Texas. Disaster victims would be temporarily relocated to the site with an expected occupancy up to 24 months while they resolve their permanent housing solution.

Project Location and Site Description

The proposed 2.3 acre site is located at in 81st Street & Stewart Road, City of Galveston, Galveston County, Texas. It was formerly used as an athletic field and is flat with native and cultivated grasses, bounded by other athletic fields in a mixed residential and commercial area.

Project Description

The project description is based on the site preliminary design completed on 12/16/08 by CH2MHill. The proposed action would involve the construction of a mobile home community site (hereafter “community site”) which would accommodate approximately 20 units (see Appendix 1 for preliminary site design). At this time, occupancy is not expected to exceed 24 months. The County of Galveston would provide concurrence on the proposed site design and plans before the Draft EA becomes final.

The following specific site development components would be included with this project:

- Site preparation would include clearing, grading, and removal of woody vegetation.
- Electrical services would be above ground and connected to existing utilities from 81st Street and/or Stewart Road.
- Potable water will be connected below ground to a water main located along 81st Street or Stewart Road. New lines and hydrants will be installed on the property for all units.
- A gravity flow sanitary sewer system will collect and transport effluent to an existing utility line. The tie-in to local sewer is located along Stewart Road.
- Access to the Park is planned from the asphalt road north of the intersections of 81st Street and Stewart Road
- Stormwater drainage will be accommodated by present ditches.
- Interior roadways and pads would be constructed of asphalt.
- Uniform Federal Accessibility Standard features include 15% of pads, 15% of common space and 100% of necessary public amenities.

When the temporary housing need has ended, FEMA expects that the homes would be hauled from the site. The Park would then be seeded and reasonably restored to its previous conditions or used by the landowner in a manner consistent with local zoning classifications.

E. Affected Environment and Environmental Consequences

Table 1 summarizes the results of the environmental review process for the Proposed Action. Potential environmental impacts that were found to be negligible are not evaluated further. Resource areas that have the potential for impacts of minor, moderate, or major intensity are further developed in Section F. When applicable, mitigation measures that would reduce potential adverse effects are incorporated in site development and required as conditions for the project to proceed. Definitions of the impact intensity are described below:

Negligible: The resource area (e.g., geology) would not be affected, or changes would be either non-detectable or if detected, would have effects that would be slight and local. Impacts would be well below regulatory standards, as applicable.

Minor: Changes to the resource would be measurable, although the changes would be small and localized. Impacts would be within or below regulatory standards, as applicable. Mitigation measures would reduce any potential adverse effects.

Moderate: Changes to the resource would be measurable and have both localized and regional scale impacts. Impacts would be within or below regulatory standards, but historical conditions are being altered on a short-term basis. Mitigation measures would be necessary and the measures would reduce any potential adverse effects.

Major: Changes would be readily measurable and would have substantial consequences on a local and regional level. Impacts would exceed regulatory standards. Mitigation measures to offset the adverse effects would be required to reduce impacts, though long-term changes to the resource would be expected.

Alternative 1- No Action Alternative

The No Action alternative will not impact the existing environment, as no site preparation or construction would occur for temporary community housing purposes. This alternative would preclude the federal government from adequately addressing the urgency of providing temporary and transient emergency housing. Consequently, displaced disaster victims would have to remain in the temporary housing they have acquired through their own resources and possibly far from their original home. The short and long term recovery of flood victims and their communities would be further compounded by fewer housing options. They would continue to suffer social and economic stresses related to the disaster recovery.

Alternative 2 - Develop the Ruiz Triangle Site with Mobile Homes (Proposed Action)

The Proposed Action would provide temporary housing for eligible disaster victims displaced by Hurricane Ike from Galveston County. Disaster victims would be temporarily relocated to the Ruiz Triangle site with an expected occupancy of up to 24 months (which includes a site deactivation period) while they resolve their permanent housing solution. Environmental impacts associated with implementation of Alternative 2 are discussed in Table 1 (Affected Environment and Environmental Consequences) and in Section F.

Table 1. Affected Environment and Environmental Consequences Matrix.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Geology and Soils	X				There are no prime and unique farmlands on the project site. Potential for localized increase in soil erosion during construction. (See water quality section F.)	Texas Pollutant Discharge Elimination System (PDES) stormwater construction permit to be obtained by construction contractor.	Implement construction Best Management Practices (BMPs). Install silt fences/straw bales to reduce sedimentation. Area soils will be wetted during construction to minimize wind erosion. If fill is stored on site, the contractor would be required to cover it appropriately.
Hydrology and Floodplains (Executive Order 11988)		x			Project area is located in Zone AE, inside the 100-year floodplain per the FEMA Flood Insurance Rate Map 485460023E	8-Step Process is required and was completed.	8-Step Process.
Wetlands (Executive Order 11990)	X				No wetlands were observed at the project site during the field reconnaissance No impacts to wetlands are anticipated.	None.	None.
Coastal Zone Management	X				Project site is located within the boundaries of the Coastal Zone, but temporary residential site development and occupancy has been determined consistent with the State's coastal zone management plan.	None.	None
Water Quality	X				There is potential for localized increase in sedimentation as a result of site preparation activities. Potential impact to water quality in downstream swales, ditches, and streams (e.g., turbidity, siltation, biological oxygen demand).	Storm water permits to be obtained by construction contractor.	Contractor to implement requirements of Storm water permit. These include Best Management Practices such as installation of silt fences, straw bales, etc. to reduce sedimentation. If fill is stored on site, the contractor would be required to cover it appropriately.
Air Quality	X				Galveston County is designated an area of Non-Attainment per the US Environmental Protection Agency. Residential site development and occupancy is consistent with the State Implementation Plan. Negligible impact would be anticipated from vehicle exhaust emissions and increased dust during construction.	EPA Region 6 designation.	Site soils would be covered and/or wetted during construction to minimize fugitive dust.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Vegetation and Wildlife	X				The project has a long history of development and disturbance and presently has mowed grass and little no wildlife.	None.	Once the temporary housing need has ended, the site would be seeded and restored to previous conditions to the extent practical and/or used by the landowner in a manner consistent with local zoning.
Threatened and Endangered Species (Endangered Species Act, Section 7)	X				No threatened or endangered species or designated critical habitat occurs at the site. No effect is anticipated to threatened or endangered species or their habitat as a result of site development and occupancy.	USFWS Section 7 Consultation letter dated 12/04/2008.	None.
Cultural Resources (National Historic Preservation Act, Section 106)	X				Through site pedestrian survey and review of the Texas Historical Commission's Atlas database, FEMA determined that there are no National Register listed or eligible historic properties in the Area of Potential Effect (APE).	SHPO concurrence letter 12/15/08.	None.
Socioeconomics	X				Site occupancy is expected to be about 50 people [20 units x estimated 2.5 people per unit] maximum. It is expected the site residents are currently displaced residents of Orange County. See Section F.	Letter from Galveston City Manager dated 12/18/08 concurs with proposed project.	None.
Environmental Justice (Executive Order 12898)	X				The proposed action is not expected to pose disproportionately high and adverse public health or environmental effects on minority and low-income populations. See Section F.	None.	None.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Noise	X				There are no excessive noise sources; such as airports, railroads, and major highways; in close proximity to the proposed site. During the construction period residents immediately adjacent to the project site may temporarily experience elevated ambient noise levels. Due to the urgency of the situation, construction may occur on a 24-hour schedule until the site is completed. Construction noise impacts would be short-term and limited to the duration of construction activities.	None.	If necessary, the following noise reduction measures should be considered: (1) restricting the 24-hour schedule to the first two weeks of construction; (2) using a 7 a.m. to 7 p.m. construction schedule; (3) completing construction closest to adjoining residents first; and (4) completing noisier activities during the day if a 24-hour schedule is used.
Safety and Security	X				No site safety or security concerns were observed during site reconnaissance.	None.	The contractor would post appropriate signage and fencing to minimize potential adverse public safety concerns, including placing fencing around the site perimeter. Appropriate signage and barriers should be in place prior to construction activities in order to alert pedestrians and motorists of project activities and traffic pattern changes.
Hazardous Materials and Toxic Wastes	X				A Phase I Environmental Site Assessment has been completed through direct field observation and review of existing records and databases for potential site or adjacent site hazardous materials contamination. While the extensive GeoSearch investigation noted 8 features, all had been mitigated or deemed of no significant impact. No environmental conditions were observed during fieldwork. Pedestrian and web search by USACE yielded the same result.	GeoSearch report #1292 dated 11/25/08, and USACE Galveston District HTRW report.	None.
Traffic and Transportation	X				Traffic volumes on the local road network in the immediate project area would increase during construction and occupancy. The existing infrastructure would be able to accommodate these increases without impacting local traffic patterns.	None.	None.

F. Additional Impact Analysis

Cultural Resources

On November 13, 2008, FEMA Historic Preservation Specialists Jodi Lee Carpenter and Linda Mackey conducted a cultural records file search in the Texas Historical Commission Archaeological Sites Atlas through the Texas State Historic Preservation Office (SHPO), and a pedestrian survey of the affected area. The file search revealed no previously recorded sites within the survey area or within a mile of the survey boundaries or historic structures within the view shed. The proposed site is a vacant lot adjacent to athletic fields, contemporary commercial structures, and an apartment/condo complex. Tall grass obscured most of the ground surface but some exposed areas were present as well as push piles of sand. No historic or prehistoric cultural resources were observed within the survey boundary. No subsurface testing was conducted for this survey. On December 15, 2008 the State Historic Preservation Officer concurred with these findings.

Socioeconomics

The project site is located in the 77550 zip code of Texas. According to the 2000 Census, zip code 77550 had 30,146 residents, and 14,628 housing units. The median household income was estimated at about \$28,501 (based on 1999 dollars) (Census 2000). The primary employment sectors were management/professional, service, and sales/office. According to the 2000 census, about 6.7 percent of the zip code's civilian labor force is unemployed (Census 2000).

With the establishment of the site, up to approximately 50 residents would be temporarily relocating to the Ruiz area (20 units x estimated 2.5 people per unit), although some of the potential site residents may be residents of the area currently displaced from their homes. The local community is aware of this action and would experience an increase in the need for public services, such as schools, fire and police services, child care, and medical services. However, the demand for public and commercial services is not expected to be greater than the pre-hurricane demand and potential impacts would be minimal.

Environmental Justice

Executive Order (EO) 12898 requires that each Federal agency identify and address the effects of its programs, policies, and activities on minority and low-income populations. The function of the EO is to avoid disproportionately high and adverse public health or environmental impacts to the target populations. Further, EO 12898 also tasks Federal agencies to ensure that public notifications regarding environmental issues are concise, understandable, and readily accessible.

The population within the 77550 zip code is comprised of about 36.1percent African American, 46.6 percent Caucasian, and approximately 22.9 percent of the families are living below the poverty level. In comparison to Galveston County and Texas, the zip code has a 22.9 percentage of families below the poverty level, a 36.1 percentage of African American residents and 10.6% other minorities (Table 2) (Census 2000).

Table 2: Minority and Low Income Populations Summary Statistics

Subject	City	County	Texas
Demographics			
Caucasian	58.7	72.7	71.1
African American	25.5	15.4	11.5
Other	13.0	9.8	15.1
Families below poverty	17.8	10.1	12.0

Source: U.S. Census Bureau, Census 2000

The proposed action is not expected to pose disproportionately high and adverse public health or environmental effects on minority and low-income populations. The availability of Federal assistance, including temporary housing for displaced individuals, is consistent with EO 12898. All forms of FEMA disaster housing assistance are available to any affected household that meets the conditions of eligibility and demographics are not among the eligibility requirements.

The specific demographics of community site occupants are not available at this time because specific individuals or families are in the process of being identified for this site. However, the demographic makeup of the future Park residents is expected to be similar to the community as a whole. Further, the availability of temporary housing would result in a positive impact to displaced individuals, regardless of whether they are minority and/or low income. In a letter dated December 18, 2008, the Galveston City Manager gave approval for this proposal.

Hazardous Materials and Wastes

A database review of reported hazardous materials contaminated sites and generators; and records review with the Texas Commission on Environmental Quality, yielded no known on-site or nearby location concerns related to historical contamination (GeoSearch,11/25/08). No environmental conditions; such as distressed vegetation and historical soil contamination were observed during field reconnaissance. Accordingly, no on-site soil sampling was deemed necessary.

G. Cumulative Impacts

Cumulative impacts are defined as environmental effects that are greater in magnitude, extent, or duration than the direct and indirect effects of the proposed FEMA-associated action when combined with the effects of other current and future actions, regardless of the proponent. Given the Proposed Action is temporary, long-term (up to 24 months) cumulative affects to the area surrounding the site as a result of site development and occupancy are not anticipated.

H. Public Involvement

Public involvement is being performed in compliance with NEPA, FEMA's regulations implementing NEPA at 44 CFR 10.9(c), and Executive Orders 12898, 11988, and 11990. A Public Notice will be published in *Galveston Daily* beginning on December 19, 2008. Due to the emergency nature of this action, the public comment period will be brief – the three-day comment period will end on **Dec. 21, 2008**. Written comments on the Draft EA and Finding of No Significant Impact (FONSI) can be faxed to FEMA's Joint Field Office in Austin at (512) 465-3764; or sent via email to FEMA-DR1791-Environmental@dhs.gov. When responding by email, enter the project name, "**Temporary Housing – Ruiz Triangle Community Site**" in the subject field. Verbal comments will be accepted between 8 a.m. and 5 p.m. at (866) 568-1260 or TTY 1-800-462-7585 for the hearing- or speech-impaired. The Environmental Assessment can be viewed and downloaded from FEMA's website at <http://www.fema.gov/plan/ehp/envdocuments/ea-region6.shtm>. The Draft EA is also available for public review at the Galveston Island Disaster Recovery Center (DRC) located at the Galveston Island Community Center at 4700 Broadway, Galveston, TX, 77551. The DRC hours are Monday through Saturday, 9 a.m. to 5:30 p.m. The Draft EA is also available for review at the Rosenberg Library, 2310 Sealy Ave., Galveston, TX, 77550. The library hours are Tuesday through Saturday, 9 a.m. to 6 p.m.

If no substantive comments are received relative to the proposed action's environmental effects, the Draft EA and FONSI will become final and the initial Public Notice will also serve as the final Public Notice. Substantive comments will be addressed as appropriate in the Final documents.

I. Conclusion

This Draft EA was written to evaluate the potential impacts to the environment from the No Action and Proposed Action alternatives. The Draft EA has also addressed the compliance requirements of the National Historic Preservation Act, Endangered Species Act, Executive Orders 11988 (Floodplain Management), 11990 (Protection of Wetlands), and 12898 (Environmental Justice), and other related environmental statutes along with considering issues such as hazardous and toxic wastes, infrastructure, and socioeconomics. Based on fieldwork, proposed action scope of work and mitigation measures, research, and consultations; the findings of this Draft EA indicate that an Environmental Impact Statement is not required. A Finding of No Significant Impact has been prepared and is attached.

Figure 1. Regional Map

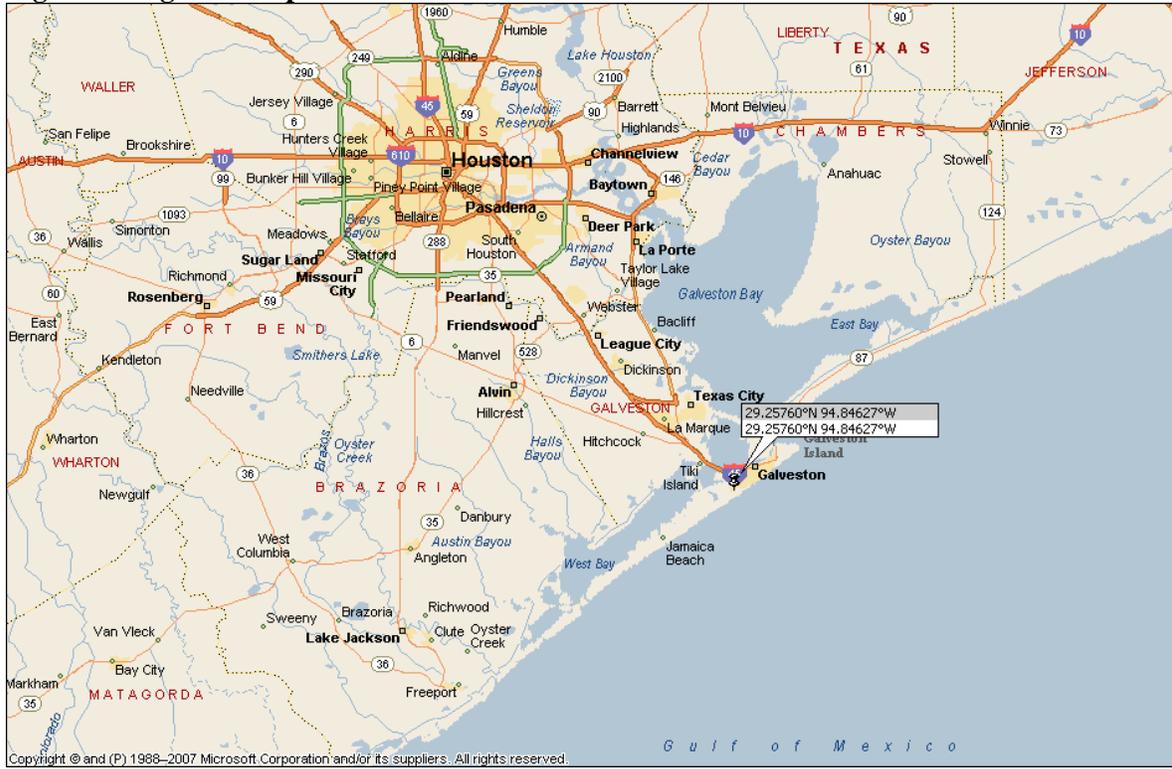


Figure 2. Local Map



Figure 3. Aerial map

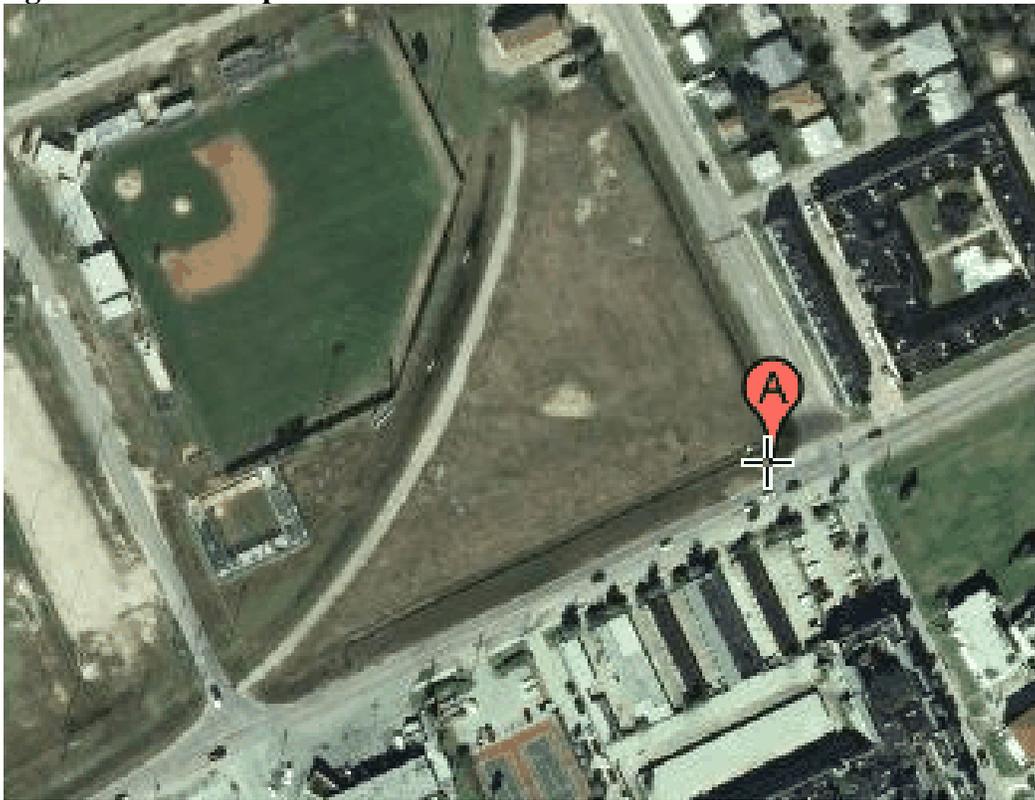


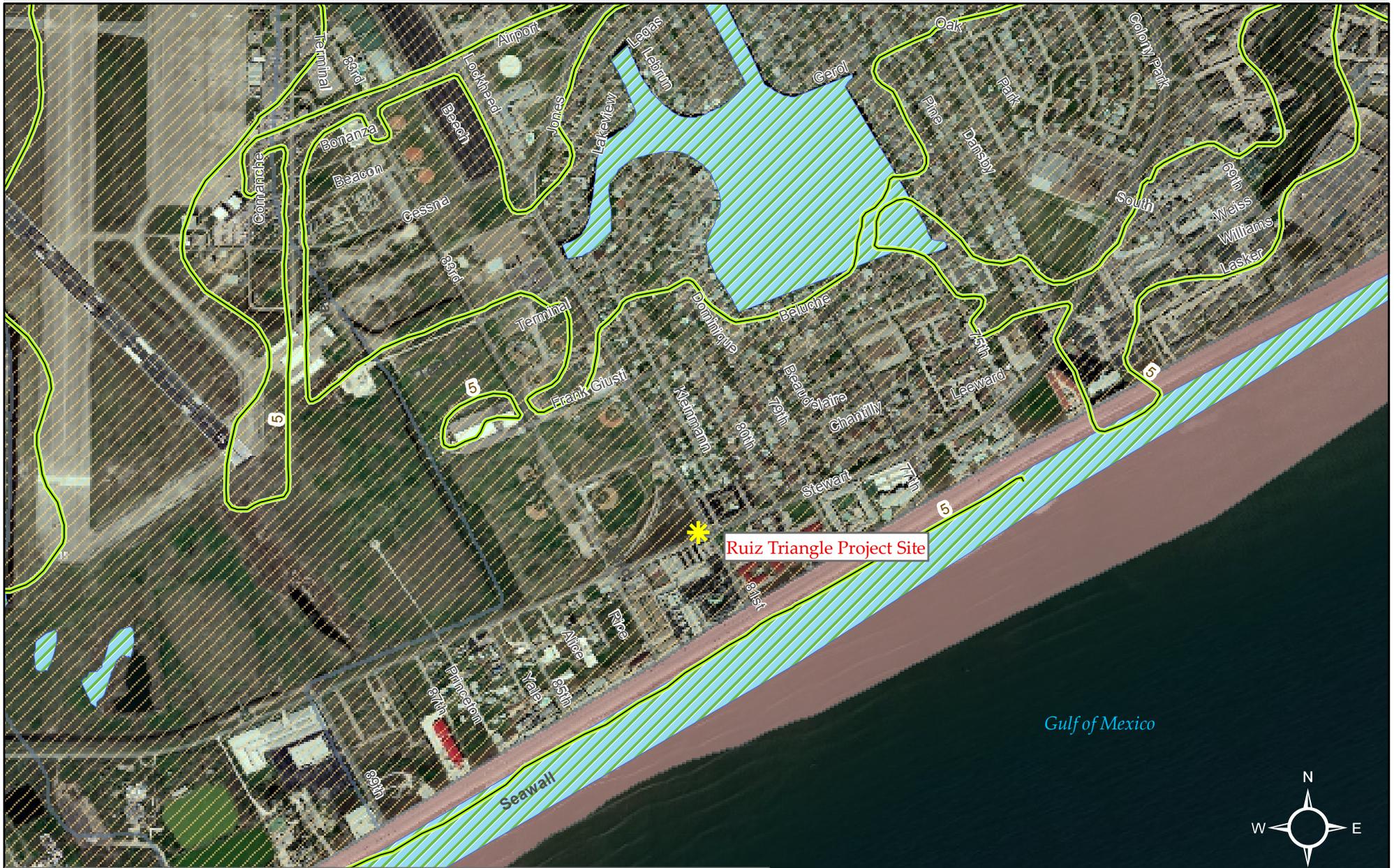
Figure 4. Photo viewing northeast



Figure 5. Photo viewing northwest



Figure 6. FEMA-1791-DR-TX Ruiz Triangle Project Site - Environmental Considerations



No CBRA Zones are located in this map extent. Entire map extent within National Coastal Zone Management Area.



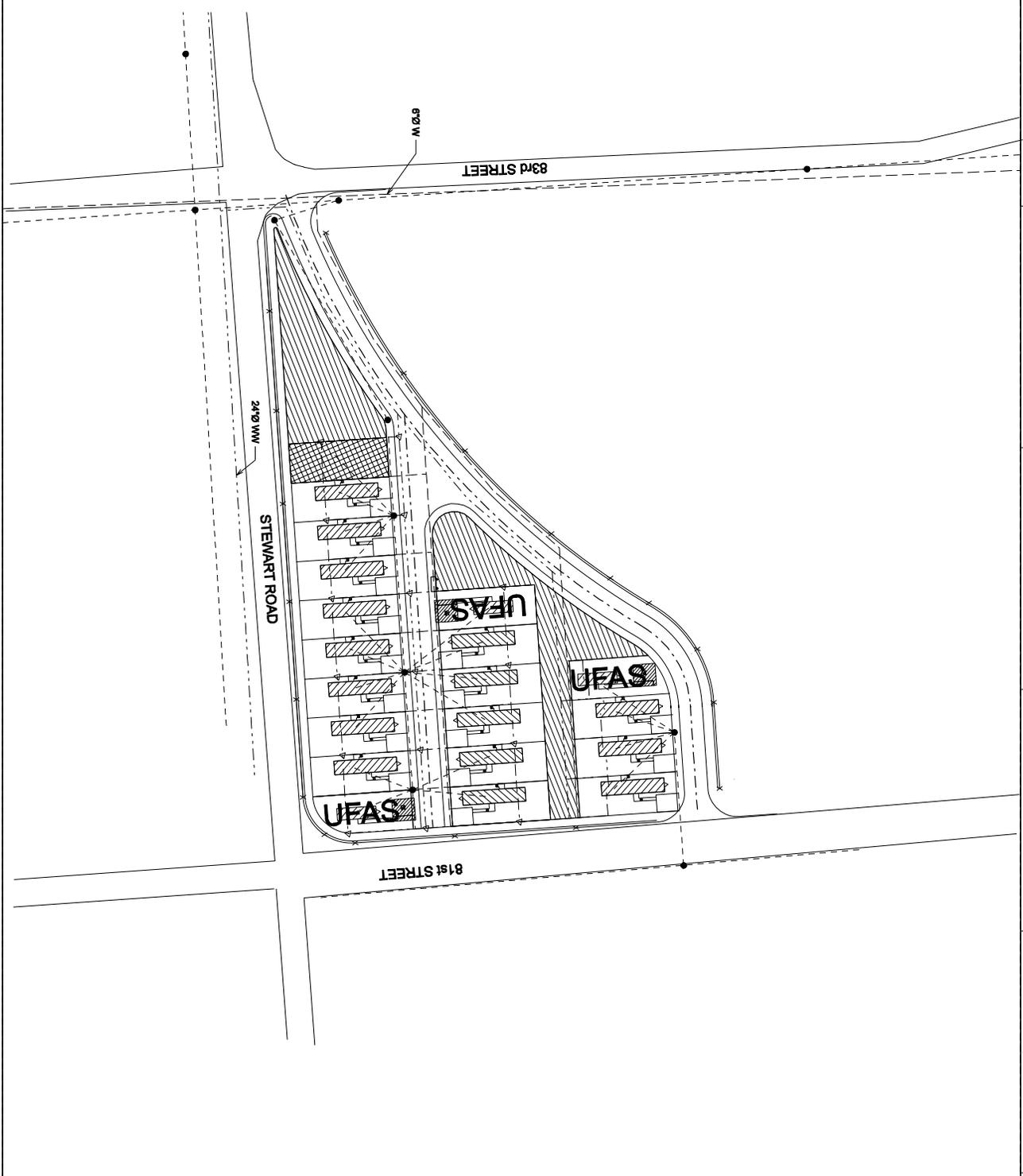
Legend

- Cluster Site
- Wetlands
- 5 ft Topographic Contours
- Flood Zones**
- Zone A
- Zone V



FEMA
 FEMA-RVI-JFO - Austin, TX
 Geospatial Intelligence Unit
 Created by: R. Arbo
M:\G:\GRAPHIC\ENVIRONMENTAL\EHP Map\Ruiz\031110\ME\ENVIRONMENTAL\ENV MAPS\MAP031110.mxd

Figure 7. Site Layout



LEGEND:

- ADMINISTRATIVE AREA
- GREENSPACE
- UFAS
- UNIFORM FIRE ACCESS
- STANDARD UNITS
- SANITARY SEWER
- WATER LINE
- OVERHEAD ELECTRIC
- LIMITS OF PAVEMENT
- SECURITY FENCE

NOTES:

- 18 UNITS TOTAL
- DISTURBED SOIL AREA = 2.3 AC.
- LOCATION OF ALL EXISTING UTILITIES APPROXIMATE

FILENAME: 811838 PLOT DATE: 8/20/13

THIS IS LOCATION SPECIFIC*
SCALE: 1"=80'

CALL 1-800-246-4545 BEFORE DIGGING

<p>CH2MHILL</p> <p>CIVIL RUIZ TRIANGLE SITE OVERALL LAYOUT</p>	<p>7800 WEST TIDWELL ROAD SUITE 600 HOUSTON, TEXAS 77040 PH: 713.482.0161</p> <p>COMMUNITY SITE TEMPORARY HOUSING FEMA</p>	NO.	DATE	DESCRIPTION	APVR	BY
		NO.	DATE	REVISION	BY	APVD
DESIGN	ENGINEER	DRAWN-BY	CHECKED-BY			

ISSUED FOR 50% REVIEW

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Appendix A

Record of Environmental Consideration

Record of Environmental Consideration

REVISED FOR FEMA TEMPORARY HOUSING – TEXAS- 2008

See 44 Code of Federal Regulation Part 10

Project Name/Number: Ruiz Triangle Community Mobile Home Park UEI 0432

Project Location: 81st Street & Stewart Road, Galveston, TX 77550 29.25760N / 94.84627W

Project Description: This proposed project will construct a community housing site to place mobile homes on approximately 3.5 acres of land located adjacent to Schreiber Park athletic field complex bordered on the north by athletic fields, east by 83rd Street and single family and multi-family residences, on the south by Stewart Road and multi-family residences and commercial establishments. Recruitment of native grasses and plants including flatsedge (*Cyperus spp.*), wild onion (*Allium spp*) and pennywort was evident on the engineered drainage swales on two sides. The dominant ground cover (95%) on this regularly maintained site (mowed) was Bermuda grass (*Cynodon dactylon*)(FACU+). There were no trees but scattered debris. The soil listed for this site by the NRCS is Mustang fine sand and is described as a very deep, poorly drained and partly hydric. There is a slight downward sloping grade starting from the driveway area between the ball field and the site and drains water across the property to the ditches along both Stewart Ave. and 81st St. Several very small depressions located on the property may pond water from time to time under heavy storm events and slowly drain, but these areas gave no indications (50% or more hydric vegetation) that they support wetlands conditions. There is standing water in the drainage ditches and the site is heavily infested with mosquitoes. . No visual evidence of flooding was noted.

The perimeter is unfenced and road access is good from 81st Street, Stewart Road and 83rd Street. There are traffic lights on 81st and 83rd Street intersections. Water and electric utilities are developed and available in the area to serve the single family and multi-family dwellings in the immediate vicinity of the site.

Documentation Requirements

- (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. **(Review Concluded)**
- (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC and/or included in project files, as applicable.

National Environmental Policy Act (NEPA) Determination

- Programmatic Categorical Exclusion **(Review Concluded)**

Comments:

All community sites will require an EA for 1791 DR TX.

Reviewer and Approvals

- Project is Non-Compliant (See attached documentation justifying selection).

Prepared By:

Prepared By:

Don Pitts USACE, NEPA Officer.

Signature Don Pitts Date 12/18/08

FEMA Environmental Reviewer:

Name: Adam M. Stephenson

Signature Adam M. Stephenson Date 12/18/08

FEMA Regional Environmental Officer or Delegated Approving Official:

Name: Donald R. Fairley, REO, Regional Environmental Officer, FEMA Region VI

Signature _____ Date _____

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act (NHPA)

- Not type of activity with potential to affect historic properties.
- Activity meets Programmatic Agreement, December 3, 2004, Appendix A: Allowance No.
Are project conditions required? Yes (see Section V) No
- Programmatic Agreement not applicable, must conduct standard Section 106 Review.

HISTORIC BUILDINGS AND STRUCTURES

- No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**
- Building or structure listed or 45/50 years or older in project area and activity not exempt from review.
 - Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
 - No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
Are project conditions required Yes (see Section V) No **(Review Concluded)**

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
Are project conditions required Yes (see Section V) No **(Review Concluded)**
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
Are project conditions required Yes (see Section V) No **(Review Concluded)**
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)

Are project conditions required? Yes (see Section V) No
(Review Concluded)

Comments:

On November 13, 2008, FEMA Historic Preservation Specialist Jodi Lee Carpenter conducted a cultural records file search in the Texas Historical Commission Archaeological Sites Atlas through the Texas State Historic Preservation Office (SHPO). The file search found no previously recorded sites within the survey area or within a mile of the survey boundaries or historic structures within the view shed. She conducted a pedestrian survey of the proposed area affected, a vacant lot adjacent to athletic fields, contemporary commercial structures and an apartment/condo complex. Tall grass obscured most of the ground surface but some exposed areas were present as well as push piles of sand. No historic or prehistoric cultural resources were observed within the survey boundary. No subsurface testing was conducted for this survey.

Correspondence/Consultation/References:

- 1) NHPA effect determinations made by Jodi Lee Carpenter, Secretary of the Interior Standards for Archaeology and Historic Preservation qualified investigator.
- 2) Consultation with SHPO, concurrence letter received December 15, 2008.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
- No effect to species or designated critical habitat. (See comments for justification)
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

- 1) Project is located in an urban or previously developed area. Neither listed species nor their habitat occur in or near this site, thus FEMA finds there will be no effect to threatened or endangered species.

Correspondence/Consultation/References:

- 1) Field observations during site visit on 12/12/08 collaborated by aerial imagery..
- 2) USFWS Section 7 Consultation Letter dated 12/04/08.

C. Coastal Barrier Resources Act

- Project is not on or connected to CBRA Unit or Otherwise Protected Area **(Review Concluded)**.
- Project is on or connected to CBRA Unit or Otherwise Protected Area. (FEMA determination/USFWS consultation on file)
- Proposed action an exception under Section 3505.a.6 **(Review Concluded)**
 - Proposed action not excepted under Section 3505.a.6.
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

- 1) Project is not within a CBRA zone.

Correspondence/Consultation/References:

- 1) Texas Coastal Barrier Resource System Maps referenced 12/13/08.

D. Clean Water Act

- Project would not affect any waters of the U.S. **(Review Concluded)**
- Project would affect federal designated jurisdictional waters.

- Proposed action covered under Nationwide Permit. **(Review Concluded)**
- Project requires Section 404/401/or Section 10 (Rivers and Harbors Act) individual permit.
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

1) No jurisdictional waters of the U.S., including wetlands, occur in or near the project area.

Correspondence/Consultation/References:

- 1) Site visit conducted on 12/12/08.
- 2) USFWS National Wetlands Inventory map (<http://www.fws.gov/nwi/>) queried on 12/13/08.

E. Coastal Zone Management Act

- Project is not located in a coastal zone area and does not affect a coastal zone area **(Review concluded)**
 - Project is located in a coastal zone area and/or affects the coastal zone
 - State administering agency does not require consistency review. **(Review Concluded).**
 - State administering agency requires consistency review.
- Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

1) Project is located in a Coastal Zone but the action is consistent with individual grants under FEMA's Individual Assistance Program as defined in 44 CFR Section 206.2 (15)

Correspondence/Consultation/References: Coastal Coordination Council, General Concurrence email dated 11/3/08; Section 2 B2 and Costal Zone Map.

F. Fish and Wildlife Coordination Act

- Project does not affect, control, or modify a waterway/body of water. **(Review Concluded)**
 - Project affects, controls or modifies a waterway/body of water.
 - Coordination with USFWS conducted
 - No Recommendations offered by USFWS. **(Review Concluded)**
 - Recommendations provided by USFWS.
- Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

1) No streams or water bodies are located in or near the project area.

Correspondence/Consultation/References:

- 1) Site visit conducted on 12/12/08 collaborated by NWI map and aerial imagery.

G. Clean Air Act

- Project will not result in permanent air emissions. **(Review Concluded)**
 - Project is located in an attainment area. **(Review Concluded)**
 - Project is located in a non-attainment area.
 - Coordination required with applicable state administering agency.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Galveston is located in a non-attainment area due to 8-hour ozone emissions. The proposed project includes activities that would produce a minor, temporary, and localized impact on air quality from vehicle emissions and fugitive dust particles. No long-term air quality impact is anticipated.

Correspondence/Consultation/References: EPA Region 6 Non-attainment Map. (<http://www.epa.gov/ozonedesignations/regions/region6desig.htm>)

H. Farmland Protection Policy Act

- Project does not affect designated prime or unique farmland. **(Review Concluded)**
 - Project causes unnecessary or irreversible conversion of designated prime or unique farmland.
 - Coordination with Natural Resource Conservation Commission required.
 - Farmland Conversion Impact Rating, Form AD-1006, completed.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:

The project site is in a developed urbanized area and FPPA is precluded.

Correspondence/Consultation/References: <http://websoilsurvey.nrcs.usda.gov/app/> or <http://soildatamart.nrcs.usda.gov/>.

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. **(Review Concluded)**
- Project located within a flyway zone.
 - Project does not have potential to take migratory birds. **(Review Concluded)**
Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Project has potential to take migratory birds.
 - Contact made with USFWS
Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:

The site is an existing disturbed urban area with little value to migratory birds and would not be included in the USFWS migratory bird management program.

Correspondence/Consultation/References: Site inspection on 12/12/08 by collaborated by aerial imagery referenced on 12/13/08.

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. **(Review Concluded)**
- Project located in or near Essential Fish Habitat.
 - Project does not adversely affect Essential Fish Habitat. **(Review Concluded)**
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
 - NOAA Fisheries provided no recommendation(s) **(Review Concluded)**
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
 - NOAA Fisheries provided recommendation(s)
 - Written reply to NOAA Fisheries recommendations completed.
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

1) Project is not located in or near any surface waters with the potential to affect EFH species.

Correspondence/Consultation/References: Site inspection on 12/12/08 collaborated by aerial imagery.

K. Wild and Scenic Rivers Act

- Project is not along and does not affect Wild or Scenic River (WSR) - **(Review Concluded)**
- Project is along or affects WSR
 - Project adversely affects WSR as determined by NPS/USFS. **FEMA cannot fund the action.** (NPS/USFS/USFWS/BLM consultation on file) **(Review Concluded)**
 - Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments: There are no Wild and Scenic Rivers located in or near potential project sites. The only designated river in the State of Texas is a portion of the Rio Grande River near Big Bend National Park located the SW portion of the State.

Correspondence/Consultation/References: National Wild and Scenic Rivers <http://www.nps.gov/rivers/wildriverslist.html>.

L. Other Relevant Laws and Environmental Regulations

None.

II. Compliance Review for Executive Orders

A. E.O. 11988 - Floodplains

- No Effect on Floodplains/Flood levels and project outside Floodplain - **(Review Concluded)**
- Located in Floodplain or Effects on Floodplains/Flood levels
- No adverse effect on floodplain and not adversely affected by the floodplain. **(Review Concluded)**,
Are project conditions required? Yes (see Section V) No **(Review Concluded)**
- Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded)**.
- Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
- 8 Step Process Complete - documentation on file
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments: The site is located in Zone AE, subject to ocean related flooding. Per the 8-Step Planning Process, there are limited practicable alternatives to siting temporary housing in the floodplain in Galveston County. The ability to locate sites outside the floodplain is limited because much of the region is floodplain and there is a heavy demand for temporary housing assistance (travel trailers) close to the impact area. .

Correspondence/Consultation/References:

<http://store.msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1>
FEMA Flood Insurance Rate Map, Community Panel No. 485460023E, revised 12/06/02.

B. E.O. 11990 - Wetlands

- No Effects on Wetland(s) and project located outside Wetland(s) - **(Review Concluded)**
- Located in Wetland or effects Wetland(s)
- Beneficial Effect on Wetland - **(Review Concluded)**
- Possible adverse effect associated with constructing in or near wetland
- Review completed as part of floodplain review
- 8 Step Process Complete - documentation on file
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments:

1) No wetlands were observed during site visit or determined to be present by checking the USFWS National Wetlands Inventory (NWI) maps.

Correspondence/Consultation/References: USFWS NWI map accessed on-line 12/13/08. Field observation from 12/12/08 site visit. <http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>

C. E.O. 12898 - Environmental Justice For Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - **(Review Concluded)**
- Low income or minority population in or near project area
- No disproportionately high and adverse impact on low income or minority population- **(Review Concluded)**
- Disproportionately high or adverse effects on low income or minority population
Are project conditions required? YES (see Section V) NO **(Review Concluded)**

Comments: The percent populations of 77550 are: 46.6%, white, 36.1%, African American, and 10.6% other races. The median household income in 1999 was \$ 28,501 and 22.9 % of families are below poverty level. The demographics of Park residents are not available at this time. Implementation of the proposed action would result in beneficial impacts to minority and low income displaced residents by providing equal access to temporary emergency housing, usually within the general area of their pre-disaster places of residences. Although Park residents' demographics are not part of the occupancy selection criteria, Park residents are generally expected to be representative of the demographics of the surrounding community. Furthermore, site area demographics are not part of the site selection criteria and sites with potential adverse environmental and public health concerns are avoided.

Correspondence/Consultation/References: U.S. Census bureau 2000 data at <http://factfinder.census.gov>, referenced 12/11/08.

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Hazardous Materials and Toxic Wastes

Comments: A site visit conducted on 12-15-08 revealed that the proposed site is located on a vacant lot south of an existing baseball field. The site is low and may pond water during heavy rains. A review of databases from the US-EPA/TCEQ, and TxRRC was performed. Based on the site visit and database review, there does not appear to be any environmental concerns directly associated with the proposed cluster site itself. However, there are two UST underground storage tanks (at Lukes Little Supermarket & Deli, 8227 Stewart Rd) immediately across the street (southwest) from the proposed cluster site. The USTs are registered with TCEQ. There were no other environmental concerns within 0.25-mile radius of the proposed cluster site.

Correspondence/Consultation/References: Environmental FirstSearch Report, 12/15/08. Hazmat review and final health and safety determinations made by USACE Galveston District Hazmat Specialist. These these conclusions collaborated by GeoSearch Report #1292 dated 11/25/08.

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

* A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- (i) Greater scope or size than normally experienced for a particular category of action
- (ii) Actions with a high level of public controversy
- (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
- (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
- (viii) Potential for adverse effects on health or safety; and
- (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments:

V. Environmental Review Project Conditions

Project Conditions:

This project must comply with all conditions of the attached Programmatic Categorical Exclusion. In addition, the following conditions apply as a condition of FEMA funding reimbursement:

- This site is located in the floodplain and must accordingly comply with the minimum requirements of the National Flood Insurance Program as outlined in 44 CFR Part 60. Coordination must be done with the county floodplain administrator to ensure compliance with the NFIP as administered in the local floodplain ordinance, which may be more stringent than the NFIP's minimum requirements, including issuance of appropriate permitting.
- Compliance with the Draft Eight Step prepared for Schreiber Field dated December 6, 2008.
- Per 44 CFR 9.11(d)(8), minimization standards, existing flood warning and preparedness plans should be amended in consideration of the proposed action to minimize the effect of floods on human health, safety and welfare. This includes giving special consideration to unique hazard potential such as rapid-rise from a future flash flood. An evacuation plan that includes written evacuation procedures for the temporary housing site occupants must be prepared, posted and made available to them.
- In order to convey stormwater runoff, the contractor will be required to design drainage features so that flows will not cause nuisance flooding in Park or surrounding properties during significant rain events. The drainage system will be required to meet local, county and State requirements, including the acquisition of easements, if applicable. All permit conditions will be incorporated into the project design and implementation.
- Area soils shall be covered and/or wetted during construction to minimize dust.
- In the event that archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted and the applicant shall stop all work immediately in the vicinity of the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform FEMA immediately and FEMA will consult with the State Historic Preservation Office (SHPO) or Tribal Historic Preservation Office (THPO) and Tribes and work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project is in compliance with the National Historic Preservation Act (NHPA).

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1791-DR-TX
Austin Joint Field Office
6001 Airport Blvd., Suite 200
Austin, Texas 78752



FEMA

History Programs Division

DEC 15 2008

RECEIVED

December 15, 2008

NO HISTORIC
PROPERTIES AFFECTED
PROJECT MAY PROCEED

By [Signature]
for F. Lawrence Oaks
State Historic Preservation Officer
Date 15 December 2008

F. Lawrence Oaks
State Historic Preservation Officer
Texas Historical Commission
P.O. Box 12276
Austin, TX 78711-2276

RE: Section 106 Review Consultation, FEMA-1791-DR-TX, Hurricane Ike
Individual Assistance- Community Site
Ruiz Triangle (UEI 0432)
3417 81st Street, Galveston, Texas
Coordinates: N 29.25760, W 94.84627

Dear Mr. Oaks:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the major Disaster Declaration for FEMA-1791-DR-TX, dated September 7, 2008, as amended. FEMA is initiating Section 106 review for the above referenced property in accordance with the Programmatic Agreement between FEMA, the Texas Historical Commission (SHPO), and the Governor's Division of Emergency Management (GDEM) dated August 30, 2005.

Severe storm damage to numerous private residential properties within the County of Galveston has resulted in the need for Temporary Housing on Community Sites to provide shelter for the displaced citizens in the community. It is proposed that federal funding through FEMA's Individual Assistance program be provided for Galveston County for the Community Sites.

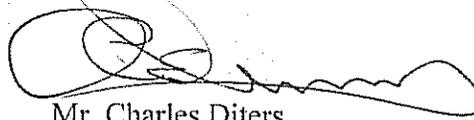
On November 13th, 2008, FEMA Historic Preservation Specialist Jodi Lee Carpenter conducted a pedestrian survey of the proposed area affected. The site is a vacant lot adjacent to athletic fields, contemporary commercial structures, and an apartment/condominium complex. Tall grass obscured most of the ground surface, but some exposed areas were present as well as push piles of sand. No historic or prehistoric cultural resources were observed within the survey boundary. No subsurface testing was conducted for this survey.

F. Lawrence Oaks
December 15, 2008
Page 2

FEMA has determined that there are no buildings on the proposed Ruiz Triangle Community Site and no adjacent structures eligible for the National Register of Historic Places, nor is it located within a National Register of Historic Places listed or eligible district. Based on the field assessment, no historic structures were observed in the Area of Potential Effect. A review of the archeological data in the Texas Historic Sites Atlas indicates that there are no previously identified sites located on or directly adjacent to the property. As a result, FEMA has determined that there will be No Historic Properties Affected for the proposed undertaking.

Your prompt review of this project is greatly appreciated. Should you need additional information please contact Jodi Lee Carpenter, Historic Preservation Specialist, at (703) 254-8068.

Sincerely,



Mr. Charles Diters
Historic Preservation Lead
Galveston Area Field Office
FEMA-1791-DR-TX

Attachments:

Aerial Map of Location
USGS Quad Location Map
Photographs of site

Appendix B

GeoSearch Radius Report



Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000001292>

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

Target Property:
Schreiber Field
Galveston County, Texas 77554

Prepared For:
ECS-Houston

Order #: 624
Job #: 1292
Date: 11/25/2008

TARGET PROPERTY SUMMARY

Schreiber Field

Galveston County, Texas 77554

Centroid County: **Galveston**

Centroid Zipcode: **77554**

Centroid State: **TX**

USGS Quadrangle: **Galveston, TX**

Target Property Geometry: **Point**

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

(-94.849500, 29.257336)

County/Counties Covered:

Galveston (TX)

Zipcode(s) Covered:

Galveston TX: 77551, 77554

State(s) Covered:

TX

***Target property is located in Radon Zone 3 (Galveston County, TX). Zone 3 counties have a predicted average indoor radon screening level less than 2 pCi/L.**

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DATABASE FINDINGS SUMMARY (SOURCE)

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	Target Property
BIENNIAL REPORTING SYSTEM	BRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	Target Property
EPA DOCKET DATA	DOCKETS	0	0	Target Property
FEDERAL ENGINEERING CONTROLS	EC	0	0	Target Property
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNS	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRS	0	0	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRS	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	NPDES	0	0	Target Property
PCB ACTIVITY DATABASE	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCS	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	RCRAG	0	0	Target Property and Adjoining
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	CERCLIS	1	0	0.5000
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	0.5000
NO FURTHER REMEDIAL ACTION PLANNED- CERCLIS ARCHIVES	NFRAP	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000

DATABASE FINDINGS SUMMARY (SOURCE)

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
OPEN DUMP INVENTORY	ODI	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL	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	1	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	RCRAC	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		2	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 CONTROLS	SIEC01	0	0	Target Property
SPILLS LISTING	SPILLS	0	0	Target Property
DRY CLEANER REGISTRATION	DCR	0	0	0.2500
INDUSTRIAL AND HAZARDOUS WASTE	IHW	2	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	2	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000



2705 Bee Caves Rd, Suite 330 · Austin, Texas 78746 · phone: 888-396-0042 · fax: 512-472-9967

DATABASE FINDINGS SUMMARY (SOURCE)

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	0	0	0.5000
INNOCENT OWNER / OPERATOR	IOP	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	2	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
TIER II CHEMICAL REPORTING PROGRAM	TIERII	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM	VCP	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
STATE SUPERFUND	SF	0	0	1.0000
SUB-TOTAL		6	0	

TRIBAL

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

TOTAL		8	0	
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DATABASE FINDINGS SUMMARY (DETAIL)

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<u>FEDERAL</u>								
AIRSAFS		.0200	0	0	0	0	0	0
BRS		.0200	0	0	0	0	0	0
CDL		.0200	0	0	0	0	0	0
DOCKETS		.0200	0	0	0	0	0	0
EC		.0200	0	0	0	0	0	0
ERNS		.0200	0	0	0	0	0	0
FRS		.0200	0	0	0	0	0	0
HMIRS		.0200	0	0	0	0	0	0
ICIS		.0200	0	0	0	0	0	0
ICISNPDES		.0200	0	0	0	0	0	0
MLTS		.0200	0	0	0	0	0	0
NPDES		.0200	0	0	0	0	0	0
PADS		.0200	0	0	0	0	0	0
PCS		.0200	0	0	0	0	0	0
SFLIENS		.0200	0	0	0	0	0	0
SSTS		.0200	0	0	0	0	0	0
TRI		.0200	0	0	0	0	0	0
TSCA		.0200	0	0	0	0	0	0
NLRRCRAG		.1250	0	0	0	0	0	0
RCRAG		.1250	0	0	0	0	0	0
BF		.5000	0	0	0	0	0	0
CERCLIS		.5000	0	1	0	0	0	1
LUCIS		.5000	0	0	0	0	0	0
NFRAP		.5000	0	0	0	0	0	0
NLRRCRAT		.5000	0	0	0	0	0	0
ODI		.5000	0	0	0	0	0	0
RCRAT		.5000	0	0	0	0	0	0

DATABASE FINDINGS SUMMARY (DETAIL)

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

STATE (TX)

GWCC	.0200	0	0	0	0	0	0	0
HISTGWCC	.0200	0	0	0	0	0	0	0
LIENS	.0200	0	0	0	0	0	0	0
MSD	.0200	0	0	0	0	0	0	0
NOV	.0200	0	0	0	0	0	0	0
SIEC01	.0200	0	0	0	0	0	0	0
SPILLS	.0200	0	0	0	0	0	0	0
DCR	.2500	0	0	0	0	0	0	0
IHW	.2500	0	2	0	0	0	0	2
PIHW	.2500	0	0	0	0	0	0	0
PST	.2500	0	2	0	0	0	0	2
APAR	.5000	0	0	0	0	0	0	0
BSA	.5000	0	0	0	0	0	0	0
CALF	.5000	0	0	0	0	0	0	0
IOP	.5000	0	0	0	0	0	0	0
LPST	.5000	0	2	0	0	0	0	2
MSWLF	.5000	0	0	0	0	0	0	0



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DATABASE FINDINGS SUMMARY (DETAIL)

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
RRCVCP		.5000	0	0	0	0	0	0
RWS		.5000	0	0	0	0	0	0
TIERII		.5000	0	0	0	0	0	0
VCP		.5000	0	0	0	0	0	0
WMRF		.5000	0	0	0	0	0	0
SF		1.000	0	0	0	0	0	0
SUB-TOTAL			0	6	0	0	0	6
TRIBAL								
USTR06		.2500	0	0	0	0	0	0
LUSTR06		.5000	0	0	0	0	0	0
ODINDIAN		.5000	0	0	0	0	0	0
INDIANRES		1.000	0	0	0	0	0	0
SUB-TOTAL			0	0	0	0	0	0

TOTAL	0	8	0	0	0	0	8
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RADIUS MAP



- ★ Target Property (TP)
- ◆ LPST
- ◇ PST

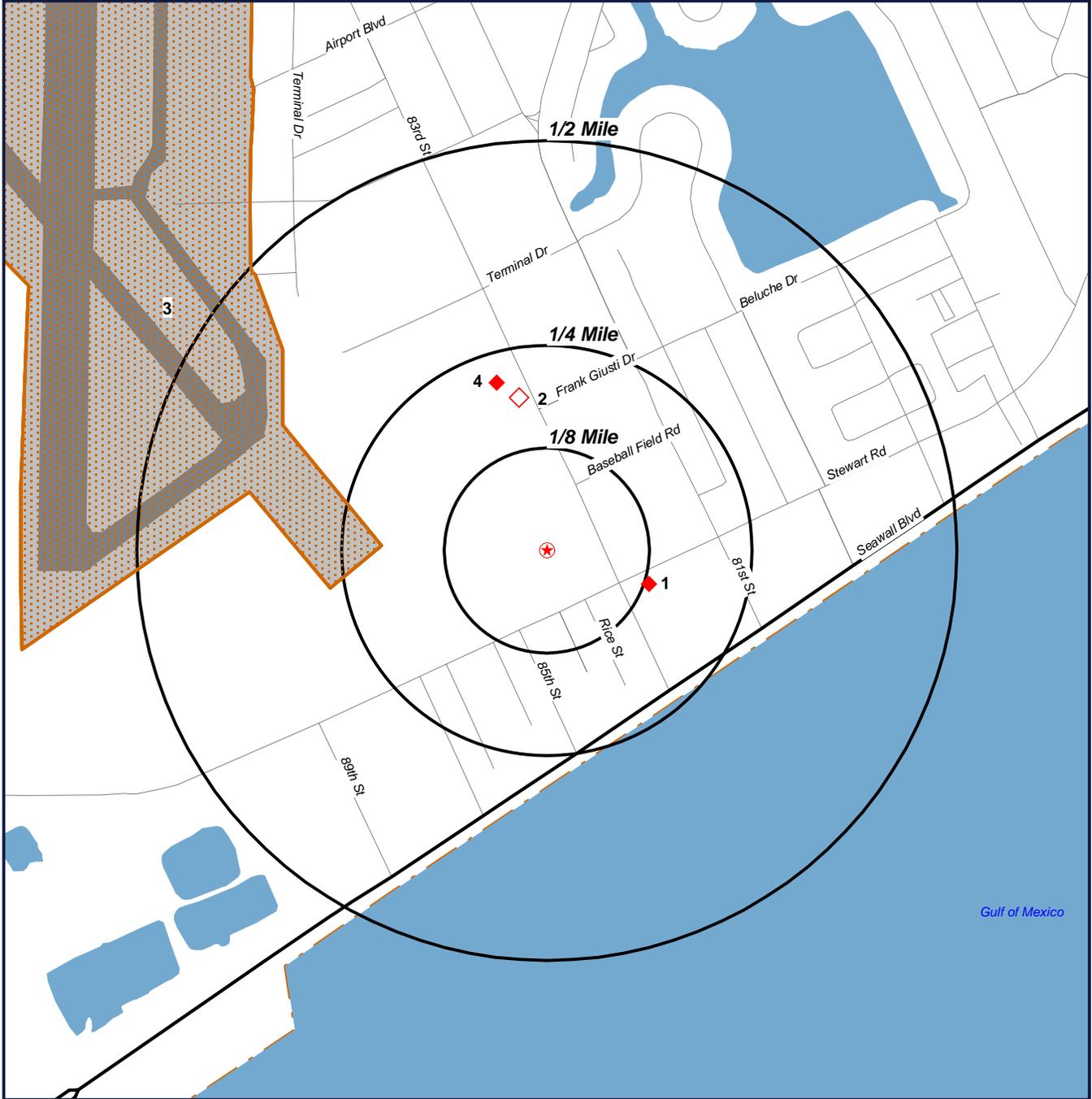
Schreiber Field
Galveston County, Texas
77554



GeoSearch

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RADIUS MAP



- ⊕ Target Property (TP)
- ◆ LPST
- ◇ PST

Schreiber Field
Galveston County, Texas
77554



GeoSearch

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ORTHOPHOTO MAP



-  Target Property (TP)
-  LPST
-  PST

Quadrangle(s): Galveston
Source: USDA (2004)
Schreiber Field
Galveston County, Texas
77554



GeoSearch

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TOPOGRAPHIC MAP



★ Target Property (TP)

Quadrangle(s): Galveston
Source: USGS, 1994
Schreiber Field
Galveston County, Texas
77554



GeoSearch

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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	PST	0027214	0.131 E	LUKES LITTLE SUPERMARKET & DELI 1	8227 STEWART RD	GALVESTON, 77551	1
1	LPST	109416	0.131 E	LUKES LITTLE MARKET 1 101133	8227 STEWART RD	GALVESTON, 77551	4
2	PST	0021920	0.189 N	GALVESTON ISD TRANS DEPT	3101 83RD ST	GALVESTON, 77554	5
3	IHW	30184	0.210 W	VITEX PACKAGING	SCHOLES AIRFIELD	GALVESTON, 77550	10
3	IHW	61892	0.210 W	A 1 RENTS OF GALVESTON SCHOLES FIELD		GALVESTON, 77550	11
3	FUDS	TX9799F6475	0.210 W	SCHOLES FIELD		GALVESTON	12
3	CERCLIS	TX0000606398	0.210 W	GALVESTON ARMY AIRFIELD		GALVESTON	13
4	LPST	112629	0.212 N	TRANSPORTATION DEPT	2929 83RD ST	GALVESTON, 77551	14

PETROLEUM STORAGE TANKS (PST)

MAP ID# 1

Distance from Property: 0.13 mi. E

FACILITY INFORMATION

FACILITY ID #: 0027214
NAME: LUKES LITTLE SUPERMARKET & DELI 1
ADDRESS: 8227 STEWART RD
GALVESTON, TX 77551
TYPE: RETAIL
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: A R LUCAS, OWNER
PHONE: 409--74-4-52 84
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: D KNOLL, VP
DATE OF SIGNATURE ON REGISTRATION FORM: 05/05/86

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/03/07
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/08/08
SIGNATURE ON CERTIFICATION: A R LUCAS, PRESIDENT, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 07/06/06
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/07/08
SIGNATURE ON CERTIFICATION: A R LUCAS, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 06/21/05
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/06/08
SIGNATURE ON CERTIFICATION: A R LUCAS, PRES/OWNER, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 06/20/04
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/05/08
SIGNATURE ON CERTIFICATION: A R LUCAS, OWNER, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 06/21/03
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/04/08
SIGNATURE ON CERTIFICATION: A R LUCAS, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 06/12/02
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/03/08
SIGNATURE ON CERTIFICATION: A R LUCAS, , OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 01/21/01
TYPE OF CERTIFICATION SUBMITTED: INITIAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/02/08
SIGNATURE ON CERTIFICATION: A R LUCAS II, OWNER, OWNER

UNDERGROUND STORAGE TANK INFORMATION

OWNER INFORMATION

CUSTOMER #: 57268
NAME: LUKES LITTLE SUPER INC
ADDRESS: 8227 STEWART RD
GALVESTON, TX 77554
TYPE: CORPORATION
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 2
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 6
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: A R LUCAS
PHONE: 409-744-5284



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: **IN USE**
INSTALL DATE: **08/01/1985** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/08/1986**
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: **PRESSURIZED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **JACKETED (STEEL WITH EXTERNAL NONMETALLIC JACKET)**
OTHER TANK MATERIAL:
PIPE MATERIAL: **FRP(FIBERGLASS-REINFORCED PLASTIC)**
OTHER PIPE MATERIAL:
PIPE CONECTORS AND VALVES (I thru III)

SHEAR/IMPACT VALVES (UNDER DISPENSER)

TANK CORROSSION PROTECTION (I thru III)

COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE, CATHODIC PROTECTION - FIELD INSTALLATION)

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

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **TWO-POINT SYSTEM OR COAXIAL SYSTEM TYPE**
STAGE 1 EQUIPMENT INSTALL DATE: **01/01/1999**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **BALANCE SYSTEM OR ASSIST SYSTEM TYPE**
STAGE 2 EQUIPMENT INSTALL DATE: **12/15/2005**
TANK TESTED ? : **NO**
INSTALLER NAME:

TANK ID #: 2 TANK STATUS: **IN USE**
INSTALL DATE: **08/01/1985** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/08/1986**
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: **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)

SHEAR/IMPACT VALVES (UNDER DISPENSER)

TANK CORROSSION PROTECTION (I thru III)

COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE, CATHODIC PROTECTION - FIELD INSTALLATION)

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

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **TWO-POINT SYSTEM OR COAXIAL SYSTEM TYPE**
STAGE 1 EQUIPMENT INSTALL DATE: **01/04/1999**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **BALANCE SYSTEM OR ASSIST SYSTEM TYPE**
STAGE 2 EQUIPMENT INSTALL DATE: **12/15/2005**
TANK TESTED ? : **NO**
INSTALLER NAME:



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PETROLEUM STORAGE TANKS (PST)

UNIT ID: 00071471 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, WEEKLY MANUAL TANK GAUGING (TANKS <= 1000 GAL)

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, ANNUAL PIPING TIGHTNESS TEST (@ 0.1 GPH)

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

AUTO. FLOW RESTRICTOR VALVE, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP, TIGHT-FILL FITTING

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

UNIT ID: 00071472 TANK ID: 2 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, WEEKLY MANUAL TANK GAUGING (TANKS <= 1000 GAL)

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, ANNUAL PIPING TIGHTNESS TEST (@ 0.1 GPH)

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

AUTO. FLOW RESTRICTOR 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

LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 1

Distance from Property: 0.13 mi. E

FACILITY INFORMATION

LPST ID#: 109416 FACILITY ID#: 0027214

REPORTED DATE: 3/21/1995

NAME: LUKES LITTLE MARKET 1 101133

ADDRESS: 8227 STEWART RD

GALVESTON

PRIORITY CODE: (2.2) FORMER VAPOR IMPACT/NAPL NEAR UTILITY, POTENTIAL VAPOR PTHWY

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

TANK INFORMATION

TANKID#/TYPE: 1/UST INSTALLED: 08/01/1985 STATUS(DATE): IN USE (NOT REPORTED)

CAPACITY(gal.): 6000 CONTENTS: GASOLINE

TANK MATERIAL/CONTAINMENT: JACKETED (STEEL W/EXTERNAL NONMETALLIC JACKET / SINGLE WALL

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

TANK/PIPE RELEASE DETECTION: SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY / SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY

TANK/PIPE CORROSION PROTECTION: COMPOSITE TANK (STEEL W/FRP EXTERNAL LAMINATE / FRP TANK OR PIPING (NONCORRODIBLE)

SPILL/OVERFILL PROTECTION: AUTO. FLOW RESTRICTOR VALVE



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 2

Distance from Property: 0.19 mi. N

FACILITY INFORMATION

FACILITY ID #: **0021920**
NAME: **GALVESTON ISD TRANS DEPT**
ADDRESS: **3101 83RD ST**
GALVESTON, TX 77554
TYPE: **FLEET REFUELING**
TCEQ REGION: **12**
FACILITY IN OZONE NON-ATTAINMENT AREA: **YES**
NUMBER OF UNDERGROUND TANKS AT FACILITY: **5**
NUMBER OF ABOVEGROUND TANKS AT FACILITY: **0**
FACILITY CONTACT: **JOE WHEELIS, HEAD MECH**
PHONE: **409--74-0-12 08**
DATE REGISTRATION FORM RECEIVED: **05/08/86**
SIGNATURE ON REGISTRATION FORM: **W BIAS, SIR.**
DATE OF SIGNATURE ON REGISTRATION FORM: **05/01/86**

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/27/05**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/06/02**
SIGNATURE ON CERTIFICATION: **HECTOR MACHORRO, DIR OF TRANSPORTATIO, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/09/04**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/05/02**
SIGNATURE ON CERTIFICATION: **HECTOR MACHORRO, DIR OF TRANS, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/07/03**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/04/02**
SIGNATURE ON CERTIFICATION: **HECTOR MACHORRO, DIR OF TRANS, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/03/02**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/03/02**
SIGNATURE ON CERTIFICATION: **HECTOR MACHORRO, , LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **05/03/01**
TYPE OF CERTIFICATION SUBMITTED: **INITIAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/02/02**
SIGNATURE ON CERTIFICATION: **WILLIAM K BIAS, DIR OF TRNSPRTN, LEGALLY-AUTHORIZED REP OF OWNER**

UNDERGROUND STORAGE TANK INFORMATION

OWNER INFORMATION

CUSTOMER #: **10582**
NAME: **GALVESTON ISD**
ADDRESS: **PO DRAWER 660**
GALVESTON, TX 77553
TYPE: **LOCAL GOVERNMENT**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: **3**
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: **7**
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: **0**
OWNER CONTACT: **FRED NICCUM**
PHONE: **409-762-8181**



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1978** STATUS DATE: **09/08/1997**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **10000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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 CORROSSION PROTECTION (I thru III)

NOT REPORTED

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

NOT REPORTED

PIPE CORROSSION 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:

TANK ID #: 4 TANK STATUS: **PERM. FILLED IN PLACE**
INSTALL DATE: **01/01/1978** STATUS DATE: **07/31/1978**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **4000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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

NOT REPORTED

TANK CORROSSION PROTECTION (I thru III)

NOT REPORTED

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

NOT REPORTED

PIPE CORROSSION 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:



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: **3** TANK STATUS: **IN USE**
INSTALL DATE: **01/01/1978** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **500 GALLONS** SUBSTANCE STORED: **USED OIL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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:

TANK ID #: **2** TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1979** STATUS DATE: **09/08/1997**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **2000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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: **NOT REPORTED**

STAGE 2 EQUIPMENT INSTALL DATE: **NOT REPORTED**

TANK TESTED ? : **NO**

INSTALLER NAME:



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: **IN USE**
INSTALL DATE: **05/15/1998** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/15/2001**
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: **SUCTION**

TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**

TANK MATERIAL: **FRP(FIBERGLASS-REINFORCED PLASTIC)**

OTHER TANK MATERIAL:

PIPE MATERIAL: **FRP(FIBERGLASS-REINFORCED PLASTIC)**

OTHER PIPE MATERIAL:

PIPE CONNECTORS AND VALVES (I thru III)

FLEXIBLE CONNECTORS (AT ENDS OF PIPING), SHEAR/IMPACT VALVES (UNDER DISPENSER), STEEL SWING-JOINTS (AT ENDS OF PIPING)

TANK CORROSION PROTECTION (I thru III)

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

TANK CORROSION PROTECTION VARIANCE: **NO VARIANCE**

PIPE CORROSION PROTECTION (I thru III)

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSION PROTECTION VARIANCE: **NO VARIANCE**

STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **TWO-POINT SYSTEM OR COAXIAL SYSTEM TYPE**

STAGE 1 EQUIPMENT INSTALL DATE: **05/15/1998**

STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **NOT REPORTED**

STAGE 2 EQUIPMENT INSTALL DATE: **NOT REPORTED**

TANK TESTED ? : **NO**

INSTALLER NAME:

UNIT ID: **00056264** 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

NOT REPORTED

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

UNIT ID: **00056265** TANK ID: 4 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

NOT REPORTED

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

UNIT ID: **00056266** TANK ID: 3 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

NOT REPORTED

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



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PETROLEUM STORAGE TANKS (PST)

UNIT ID: 00056267 TANK ID: 2 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

NOT REPORTED

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

UNIT ID: 00197473 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

AUTO TANK GAUGING & INV. CONTR

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING)

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

AUTO. HIGHT LEVEL ARLARM WITH 3 OR 4, AUTO. DELIVERY SHUT/OFF VALVE, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP

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

UNIT ID: 00197473 TANK ID: 1 COMPARTMENT LETTER: B

TANK RELEASE DETECTION METHOD

AUTO TANK GAUGING & INV. CONTR

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING)

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

AUTO. HIGHT LEVEL ARLARM WITH 3 OR 4, AUTO. DELIVERY SHUT/OFF 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

INDUSTRIAL AND HAZARDOUS WASTE (IHW)

MAP ID# 3

Distance from Property: 0.21 mi. W

FACILITY INFORMATION

REGISTRATION #: 30184 EPA ID: TXD008097677

TNRCC ID #: 007752

NAME: VITEX PACKAGING

ADDRESS: SCHOLES AIRFIELD
GALVESTON, TX

CONTACT: LARRY W SAINT JR

PHONE: 804-925-2138

BUSINESS DESCRIPTION: NOT REPORTED

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: 26720

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: NO

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: INACTIVE

AMOUNT OF WASTE GENERATED: LARGE QUANTITY GENERATOR

GENERATOR TYPE: INDUSTRIAL

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): 02/25/2004

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

WASTE ID: 00006343

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: NO

GENERATOR'S DESCRIPTION OF WASTE: NOT REPORTED

WASTE ID: 00006344

WASTE CODE STATUS: INACTIVE

WASTE IS RADIOACTIVE: NO

WASTE IS TREATED OFF SITE: NO

GENERATOR'S DESCRIPTION OF WASTE: NOT REPORTED



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INDUSTRIAL AND HAZARDOUS WASTE (IHW)

MAP ID# 3

Distance from Property: 0.21 mi. W

FACILITY INFORMATION

REGISTRATION #: **61892** EPA ID: **NOT REPORTED**

TNRCC ID #: **020231**

NAME: **A 1 RENTS OF GALVESTON SCHOLES FIELD**

ADDRESS: **SCHOLES FIELD
GALVESTON, 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: **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): **08/28/2002**

ACTIVITIES

ACTIVITY TYPE: **UNKNOWN**

ACTIVITY DESCRIPTION: **NOT REPORTED**

WASTE

NO RECORDS

OWNER INFORMATION

NAME: **A 1 RENTS OF GALVESTON INC**

ADDRESS: **NOT REPORTED**

GALVESTON, TX 77554

PHONE: **NOT REPORTED**

FORMERLY USED DEFENSE SITES (FUDS)

MAP ID# 3

Distance from Property: 0.21 mi. W

SITE INFORMATION

FACILITY #: TX9799F6475

NAME: **SCHOLES FIELD**

ADDRESS: **GALVESTON**

COUNTY: **GALVESTON**

STATE: **TX**

CONGRESSIONAL DISTRICT: **09**

EPA REGION: **6**

DISTRICT: **FORT WORTH DISTRICT (SWF)**

PHONE: **817-886-1517**



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COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY

MAP ID# 3

Distance from Property: 0.21 mi. W

FACILITY INFORMATION

EPA ID#: **TX0000606398**

SITE ID#: **0606398**

NAME: **GALVESTON ARMY AIRFIELD**

ADDRESS:

GALVESTON, TX

COUNTY: **GALVESTON**

NATIONAL PRIORITY LISTING: **N - NOT ON THE NPL**

FEDERAL FACILITY CLASSIFICATION: **N - NOT A FEDERAL FACILITY**

NON-NPL STATUS: **NF - NFRAP**

NON-NPL STATUS DATE: **11/01/2007**

PHYSICAL CLASSIFICATION OF SITE / INCIDENT: **NO INFORMATION AVAILABLE**

SITE DESCRIPTION - **NO SITE DESCRIPTION INFORMATION AVAILABLE -**

SITE HISTORY - **NO SITE HISTORY INFORMATION AVAILABLE -**

ACTIONS

<u>START DATE</u>	<u>COMPLETION DATE</u>	<u>TYPE</u>
/ /	06/01/2006	DS - DISCOVERY
06/01/2007	11/01/2007	PA - PRELIMINARY ASSESSMENT

LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 4

Distance from Property: 0.21 mi. N

FACILITY INFORMATION

LPST ID#: **112629** FACILITY ID#: **0021920**

REPORTED DATE: **9/5/1997**

NAME: **TRANSPORTATION DEPT**

ADDRESS: **2929 83RD ST**

GALVESTON

PRP INFORMATION

NAME: **GALVESTON ISD**

ADDRESS: **2929 83RD ST**

GALVESTON, TX 77554

CONTACT: **MACK BRICE**

PHONE: **409-740-1208**

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

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

TANK INFORMATION

TANKID#/TYPE: **1/UST** INSTALLED: **01/01/1978** STATUS(DATE): **REMOVED FROM GROUND (09/08/1997)**

CAPACITY(gal.): **10000** CONTENTS: **GASOLINE**

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

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

TANK/PIPE RELEASE DETECTION: **NOT REPORTED / NOT REPORTED**

TANK/PIPE CORROSION PROTECTION: **NOT REPORTED / NOT REPORTED**

SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem (3/2008)

The 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 (10/2008)

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 EPA maintains the activities, including grantee assessment, cleanup and redevelopment, of the various Brownfield grant programs through the Brownfields Management System database.

BRS Biennial Reporting System (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 purpose of this report is to communicate the findings of EPA's Biennial Reporting System (BRS) data collection efforts to the public, government agencies, and the regulated community.

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 (7/2008)

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.

CERCLIS Comprehensive Environmental Response, Compensation & Liability Information System (10/2008)

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 database contains an extract of sites that have been investigated or are in the process of being



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

investigated for potential environmental risk.

DNPL Delisted National Priorities List (10/2008)

This database includes U.S. Environmental Protection Agency (EPA) Final National Priorities List sites 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 (12/2005)

EPA 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 all by facility and geographically.

DOD Department of Defense Sites (12/2005)

This information originates from the National Atlas of the United States, publication date October 2005. 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 Controls (6/2008)

A listing of site locations where Engineering Controls are in effect, such as a cap, barrier, or other device engineering to prevent access, exposure, or continued migration of contamination. Used in conjunction with Institutional Controls.

ERNS Emergency Response Notification System (12/2007)

This database contains data on reported releases of oil and hazardous substances. The data comes from spill reports made to the EPA, U.S. Coast Guard, the National Response Center and/or the Department of Transportation.

FRS Facility Registry System (4/2008)

The EPA'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 (9/2008)

The 2007 FUDS inventory includes properties previously owned 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.



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HMIRS Hazardous Materials Incident Reporting System (7/2008)

The HMIRS database contains unintentional hazardous materials release information reported to the US Department of Transportation.

ICIS Integrated Compliance Information System (formerly DOCKETS) (3/2008)

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal EPA 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.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System (3/2008)

ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (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 (9/2006)

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

MLTS Material Licensing Tracking System (3/2008)

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

NFRAP No Further Remedial Action Planned- CERCLIS Archives (10/2008)

This database includes sites, which have been determined by the EPA, 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 (8/2008)

This database includes RCRA Corrective Action facilities that are no longer regulated by the EPA or do not meet other RCRA reporting requirements.



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NLRRCRAG No Longer Regulated RCRA Generator Facilities (8/2008)

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

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities (8/2008)

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

NPDES NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (4/2007)

Information in this database is extracted from the (PCS) Water Permit Compliance System database which is used by EPA to track surface water permits issued under the Clean Water Act. Refer to the PCS and/or ICIS-NPDES database as source of current data.

NPL National Priorities List (10/2008)

This database includes U.S. 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 (6/1985)

Information on facilities or sites where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 6944 of the Solid Waste Disposal Act (42 U.S.C. 6941 et seq.) and which is not a facility for disposal of hazardous waste.

PADS PCB Activity Database (10/2008)

The PCB Activity Database System (PADS) is used by the EPA to monitor the activities of polychlorinated biphenyls (PCB) handlers.

PCS Permit Compliance System (3/2008)

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 Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels.

PNPL Proposed National Priorities List (10/2008)

This database contains sites proposed to the National Priorities List (NPL) in the Federal Register. The EPA investigates these sites to determine if they may present long-term threats to public



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health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action (8/2008)

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 EPA 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).

RCRAG Resource Conservation & Recovery Act - Generator (8/2008)

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. See RCRA Description page for more information. The EPA 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).

RCRAT Resource Conservation & Recovery Act - Treatment, Storage & Disposal (8/2008)

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The EPA 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 (7/2008)

These decision documents maintained by the U.S. EPA 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 (9/2008)

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

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	(12/2006)
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SSTS is the system that EPA uses to track pesticide producing establishments and the amount of pesticides they produce. SSTS records the registration of new establishments and records pesticide production at each establishment. It is a repository for information on the establishments that produce pesticides.

TRI	Toxics Release Inventory	(12/2006)
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This EPA database includes information about releases and transfers of toxic chemicals from manufacturing facilities.

TSCA	Toxic Substance Control Act Inventory	(12/2002)
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The TSCA Chemical Substance Inventory contains information on the production amount of toxic chemicals from each manufacturer and importer site.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

APAR	Affected Property Assessment Reports	(4/2008)
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As regulated by the TCEQ, 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	(9/2008)
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The BSA database includes relevant information on contaminated Brownfields properties that are being cleaned.

CALF	Closed & Abandoned Landfill Inventory	(11/2005)
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TCEQ, 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	(5/2008)
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The DCR listing includes dry cleaning drop stations and facilities registered with the Texas Commission on Environmental Quality.

GWCC	Groundwater Contamination Cases	(12/2007)
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This report contains a listing of groundwater contamination cases which were documented for the 2007 calendar year. Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The agencies reporting these contamination cases include the Texas Commission on Environmental Quality, Railroad Commission of Texas, Texas Alliance of Groundwater Districts, and Department of State Health Services.

HISTGWCC	Historic Groundwater Contamination Cases	NR
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This historic report contains all agency groundwater contamination cases documented from 1994 to



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

2006. 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	(4/2008)
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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.

IOP	Innocent Owner / Operator	(9/2008)
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Texas Innocent Owner / Operator (IOP) 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.

LIENS	TCEQ Liens	(10/2008)
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Liens filed upon State and/or Federal Superfund Sites by the TCEQ.

LPST	Leaking Petroleum Storage Tanks	(6/2008)
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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 (TCEQ). This listing includes aboveground and underground storage tank facilities with reported leaks.

MSD	Municipal Setting Designations	(9/2008)
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TCEQ 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	(8/2008)
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Sites listed within a solid waste landfill database may include active landfills and inactive landfills, where solid waste is treated or stored.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

NOV	Notice of Violations	(3/2008)
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This database containing Notice of Violations (NOV) is maintained by the Texas Commission on Environmental Quality. An NOV is written notification that documents and communicates violations observed during an inspection to the business or individual inspected.

PIHW	Permitted Industrial Hazardous Waste Sites	(4/2008)
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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.

PST	Petroleum Storage Tanks	(7/2008)
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The Petroleum Storage Tank database is administered by the TCEQ (Texas Commission on Environmental Quality). 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.

RRCVCP	Railroad Commission VCP and Brownfield Sites	(10/2008)
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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	(7/2006)
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This TCEQ database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

SF	State Superfund	(2/2008)
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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). Information in this database includes any recent developments and the anticipated action for these sites.

SIEC01	State Institutional/Engineering Controls	(9/2008)
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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



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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.

SPILLS	Spills Listing	(1/2008)
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This Texas Commission on Environmental Quality (TCEQ) database includes releases of hazardous or potentially hazardous materials into the environment.

TIERII	Tier II Chemical Reporting Program	(12/2006)
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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 2006 and 2005 calendar years.

VCP	Voluntary Cleanup Program	(9/2008)
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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.

WMRF	Recycling Facilities	(3/2008)
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This listing of recycling facilities is maintained by the Texas Commission on Environmental Quality.



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INDIANRES Indian Reservations (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 (5/2008)

Leaking underground storage tanks on Tribal lands located in Region 6 include the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN Open Dump Inventory on Tribal Lands (11/2006)

Information on facilities or sites on Tribal lands where solid waste is disposed of which is not a sanitary landfill and meets the criteria promulgated under section 6944 of the Solid Waste Disposal Act (42 U.S.C. 6941 et seq.) and is not a facility for disposal of hazardous waste.

USTR06 Underground Storage Tanks On Tribal Lands (4/2008)

Underground storage tanks on Tribal lands located in Region 6 include the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.



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RCRA DESCRIPTIONS

Acronyms

- RCRAG** - Generator
RCRAT - Treatment, Storage & Disposal (Non-Corrupts)
RCRAC - Corrective Action

Generator Types

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.

Note: Descriptions also apply to No Longer Regulated RCRA sites
(NLRRCRAG, NLRRCRAT, and NLRRCRAC)



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