

Draft Environmental Assessment

High Island School Temporary Community Housing Site

High Island, Galveston County Texas

FEMA-1791-DR-TX

December 3, 2008



FEMA

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

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**Draft Environmental Assessment
High Island School Temporary Community Housing Site
High Island, Galveston County
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 13, 2008. Maximum sustained winds at landfall were estimated at 110 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, 2008, 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 (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 temporary community housing site at High Island School, 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 on Bolivar Peninsula 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 70,400 requests for federal assistance have been received for Galveston County and of these requests, approximately 765 (total Pre-Placement Interviews) are for temporary housing assistance (FEMA Individual Assistance Program Summary Report November 28, 2008). The estimated number of applications for direct housing assistance, provision of a manufactured housing unit on an available private, commercial park or community site location, is 603 for Galveston County (FEMA Individual Assistance Program Manufactured Housing Activity Report November 28, 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 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 private or publicly 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 the site, and environmental/cultural resource sensitivities. FEMA continues to evaluate alternative sites in Galveston County. Although various alternatives have been and continue to be identified, the amount of needed housing has limited this Draft EA to analysis of one suitable site alternative at this time. The High Island School site was selected for further detailed 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 High Island School Site with Mobile Homes/Park Models (Proposed Action)

The Proposed Action would provide temporary housing for eligible disaster victims displaced by Hurricane Ike in the Bolivar Peninsula area. Disaster victims would be temporarily relocated to the site with an expected occupancy up to 24 months (which includes a site deactivation period) while they resolve their permanent housing solution

Project Location and Site Description

The proposed site is located at 2127 7th Street in High Island, Galveston County, Texas (see Figure 1 - Area Map). The site is 25 acres in size, bordered on the north and south by first succession woodlands, on the east by pastureland and single family residences, and on the west by the High Island School sports complex (See Figure 2 - Location Map). The site's ground cover is native grassland with invasive woody vegetation utilized as cattle pasture. Previous ground disturbance on the site includes two abandoned oil well casings that have been plugged (Texas Railroad Commission) (Figure 3 - Photograph), fence lines around the perimeter, and a pile of old farm machinery. The vegetation is *Paspalum sp.*, bushy bluestem, carpetgrass and coastal bermuda, with several forbs including golden rod, *Croton sp.* and partridge pea. (Figure 4 - Photograph). Woody vegetation on site included deciduous holly, dewberry, honeysuckle, cottonwood, black willow, live oak and Chinese tallow. An approximately 2 acre wetland area (Figure 5 - Photograph) is located along the eastern boundary of the project site. This wetland and a man made stock pond will be protected during and construction and occupancy by a fence and 50 ft. vegetative buffer that will be established along the perimeter of the wetland. An Audubon Society bird sanctuary is adjacent to the northeast. A fence will be constructed along the border of this sanctuary to separate it from the proposed housing site.

Project Description

The project description is based on the site preliminary design completed on November 13, 2008 by CH2MHill (Figure 6 - Site Layout). The proposed action would involve the construction of a mobile home community site which would accommodate approximately 90 units. In a letter dated November 17, 2008, the Galveston County Judge indicated that the community site is approved for development.

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

- Site preparation would include clearing, grading, and removal of woody vegetation with the exception of any trees larger than 12" dbh.
- Electrical services would be above ground and connected to existing utilities from 6th Street.
- Potable water would be connected below ground to a water main located along 7th Street. New lines and hydrants would be installed on the property for all units.
- A gravity flow sanitary sewer system would collect and transport effluent to a packaged wastewater treatment plant and the effluent would be discharged into the adjacent wooded wetland by permit from the TCEQ.
- Access to the Park is planned from High School Road.

- Stormwater drainage would be accommodated.
- Interior roadways and pads would be constructed of asphalt paving.
- The site would also have designated green space within the common areas.
- Uniform Federal Accessibility Standard features would be included in 15% of housing units, 15% of the common areas, and all onsite facilities and amenities such as mailboxes and kiosks.

FEMA will operate and maintain the site during the term of occupancy. When the temporary housing need has ended, FEMA expects that the mobile homes would be removed from the site and returned to a storage facility. The project site would then be seeded and reasonably restored to its previous conditions or per the lease terms with the landowner.

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 would 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 High Island School Site with Mobile Homes/Park Models (Proposed Action)

The Proposed Action would provide temporary housing for eligible disaster victims displaced by Hurricane Ike in Galveston County, Texas. Disaster victims would be temporarily relocated to the 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				The project site is in a developed urbanized area in High Island, Texas, thus there are no prime and unique farmlands. There is potential for localized increase in soil erosion during construction.	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 Flood Zone C, outside of the 500-year floodplain per the FEMA Flood Insurance Rate Map for Galveston County, Firm Panel # 485470-0010 E.	None.	None.
Wetlands (Executive Order 11990)		X			An approximate 2 acre wetland was identified on the east side of the site. This wetland would be protected by fencing and a 50 foot vegetative buffer maintained between the proposed housing site and the wetland. Treated effluent from the site's packaged sewage treatment plant would be discharged into this wetland by permit from the TCEQ with no significant impact.	US Army Corps of Engineers Galveston District and Texas Commission on Environmental Quality.	Avoidance and protection of wetland area with 50 ft. vegetative buffer from the perimeter of the wetland area. TCEQ Permit and monitoring by contractor to ensure safe discharge levels.
Coastal Zone Management	X				Project site is located within the boundaries of the Coastal Zone. The project site would not be considered a Coastal Natural Resource Area as defined by the programs implementing legislation. No impacts to the Texas Coastal Zone are anticipated.	Tammy S. Brooks Consistency Review Coordinator Coastal Protection Division Texas General Land Office	None.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
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). Discharge from the wastewater treatment plant will remain within state requirements.	NPDES permits to be obtained by construction contractor. TCEQ permit for wastewater discharge.	Contractor to implement requirements of NPDES permit. These include Best Management Practices such as installation of silt fences, straw bales to reduce sedimentation. If fill is stored on site, the contractor would be required to cover it appropriately. Wastewater discharge would be monitored by contract to remain within state limits.
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.
Vegetation and Wildlife	X				The ground cover is native grassland and woody vegetation used as cattle pasture. Grasses include <i>Paspalum sp.</i> , bushy bluestem, carpetgrass and bermuda. Forbs include golden rod, ragweed, <i>Croton sp.</i> , rattlebox and partridge pea. Woody vegetation includes shrubs and trees up to 40 foot in height. Shrubs are deciduous holly, dewberry, fennel, honey suckle, wood vine and invasive Chinese privet. Trees include cottonwood, black willow, live oak and invasive Chinese tallow. Wildlife noted in the site visit included eastern cottontail, mourning dove, bluejay, mockingbird and several species of turtles.	Trees larger than 12" dbh will be spared.	Once the temporary housing need has ended, the site would be seeded and restored to previous conditions to the extent practical.
Threatened and Endangered Species (Endangered Species Act, Section 7)	X				No threatened or endangered species or their 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 coordination 11/17/2008.	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 has determined that there are no National Register listed or eligible historic properties in the Area of Potential Effect (APE).	SHPO concurrence letter November 5, 2008.	None.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Socioeconomics	X				Site occupancy is expected to be up to about 220 people 90 units x estimated 2.5 people per unit] maximum. It is expected the site residents are currently displaced residents of Bolivar Peninsula in Galveston County. See Section F.	On November 17, 2008 the Galveston County Judge issued a formal letter of approval for the establishment of the temporary community housing site.	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.
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. The area is located in a lightly developed residential neighborhood and impact to the surrounding neighborhood from noise will be negligible.	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 7:00 a.m. to 7:00 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.
Visual Resources	X				The proposed action would result in temporary conversion of a 25-acre field to a community housing site. The property is already zoned for residential use, but has been used in the past for cattle grazing. The proposed use of the site is consistent with surrounding land uses and local development plans. Upon de-activation of the site, it is anticipated that the area will be returned to its original condition.	None.	None.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Safety and Security	X				Nearby communications tower would have 500' buffer and fencing around guywire anchors. Security fencing would provide safety from ponds, wetlands and other hazards.	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 would 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. There were no environmental conditions of concern identified. See Section F.	Geo-Search report, job # 786, completed 10-November-2008 which searched 61 Federal, State and Tribal Databases. Pipeline Report from Texas Railroad Commission Website.	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

Socioeconomics

The project site is located in the 77623 zip code of Galveston County. According to the 2000 Census, zip code 77623 had 474 residents, and 275 housing units. The median household income was estimated at about \$29,444 (based on 1999 dollars) (Census 2000). The primary employment sectors were educational, health, and social services; agriculture and construction. According to the 2000 census, about 3.4 percent of the zip code's civilian labor force is unemployed.

With the establishment of the site, up to approximately 220 residents could be temporarily relocating to the High Island area of Bolivar Peninsula (90 units x estimated 2.5 people per unit), most of the potential site residents would be from the Bolivar Peninsula area. The local community is aware of this action and may experience a slight localized increase in the need for public services, such as schools, fire and police services, child care, and medical services. However, the overall demand for public and commercial services would not be 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 77623 zip code is comprised of about 97.7 percent Caucasian, .2 % African American, 1.3 percent American Indian or Alaska Native and 3.8 percent Hispanic (of all races). Approximately 8.9 percent of the families are living below the poverty level. In comparison to Galveston County and Texas, the zip code has a lower percentage of families below the poverty level, a lower percentage of African American residents and a lower percentage other minorities (Table 2) (Census 2000).

Table 2: Minority and Low Income Populations Summary Statistics (%)

Subject	City	77623	County	Texas
Demographics				
Caucasian	58.7	97.7	72.7	71
African American	25.5	0.2	15.4	11.5
Hispanic(of any race)	3.8	3.8	18	32
Families below poverty	17.8	8.9	10.1	12

Source: U.S. Census Bureau, Census 2000

The proposed action would not have a 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 would be 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.

Hazardous Materials and Wastes

One compliant underground petroleum storage tank was identified at 2115 7th Street within ¼ of a mile from the site on GeoSearch report, job # 786, completed 10-November-2008.

A search of the Texas Railroad Commission database identified one, in-service, 6.63 inch diameter, crude oil pipeline operated by BP Pipelines of North America, Inc. located within ½ mile to the north and east of the project site. Additionally 34 oil dry holes and 5 plugged oil wells are located within ¼ mile of this site. Two of the plugged oil wells were observed on site and are located at 29.56612N, 094.38617W, just north of the wetland.

Package Plant Discharge:

The package plant would release an estimated 20,000 gallons per day of treated wastewater at a steady rate into the two acre wetland forest to the east. This would be a negligible amount for this ecosystem which is comprised of dense hydrophytic forest with high evapotranspiration and phytoremediation rates.

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 (up to 24 months), long-term 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 the *Galveston Daily News* beginning on December 4, 2008. Due to the emergency nature of this action, the public comment period will be brief, from December 4 to December 6, 2008. Written comments on the DEA and Draft Finding of No Significant Impact (FONSI) can be faxed to FEMA's Joint Field Office in Austin at (512) 465-3764. Verbal comments are being accepted at (866) 568-1260, and TTY for hearing or speech-impaired at (800) 462-7585; between 8:00 A.M. and 5:00 P.M. The Draft DEA and FONSI are available for public review at the U.S. Post Office located at 2008 S. 5th St, High Island, TX 77623 and the Juanita Hargraves Memorial Library, located at 924 Hwy. 124, Winnie, TX, 77665. The U.S. Post Office hours are Monday to Friday, 8:30 a.m. to 4:30 p.m. The Juanita Hargraves Memorial Library hours are Monday, Wednesday, and Friday, 8 a.m. – 5 p.m.; Tuesday and Thursday, 10 a.m. to 7 p.m.; Saturday, 9 a.m. – 1 p.m.; closed on Sundays. The Draft EA and FONSI are also available for viewing and download from FEMA's website at <http://www.fema.gov/plan/ehp/envdocuments/ea-region6.shtm>.

Figure 1. Area Map from Map Quest Showing Major Roads and Streets in Project Area



Figure 2. Location Map on Aerial Photo

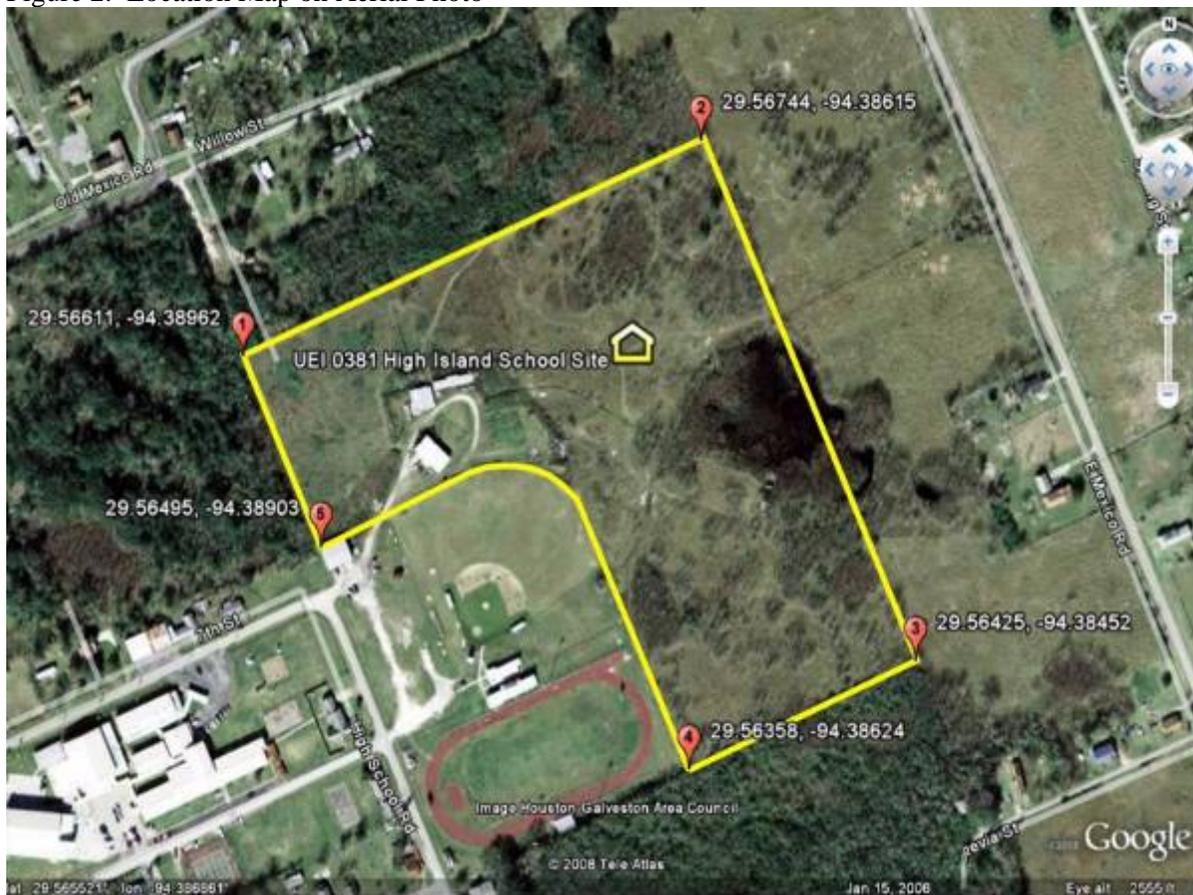


Figure 3. Photo of Abandoned Oil Well



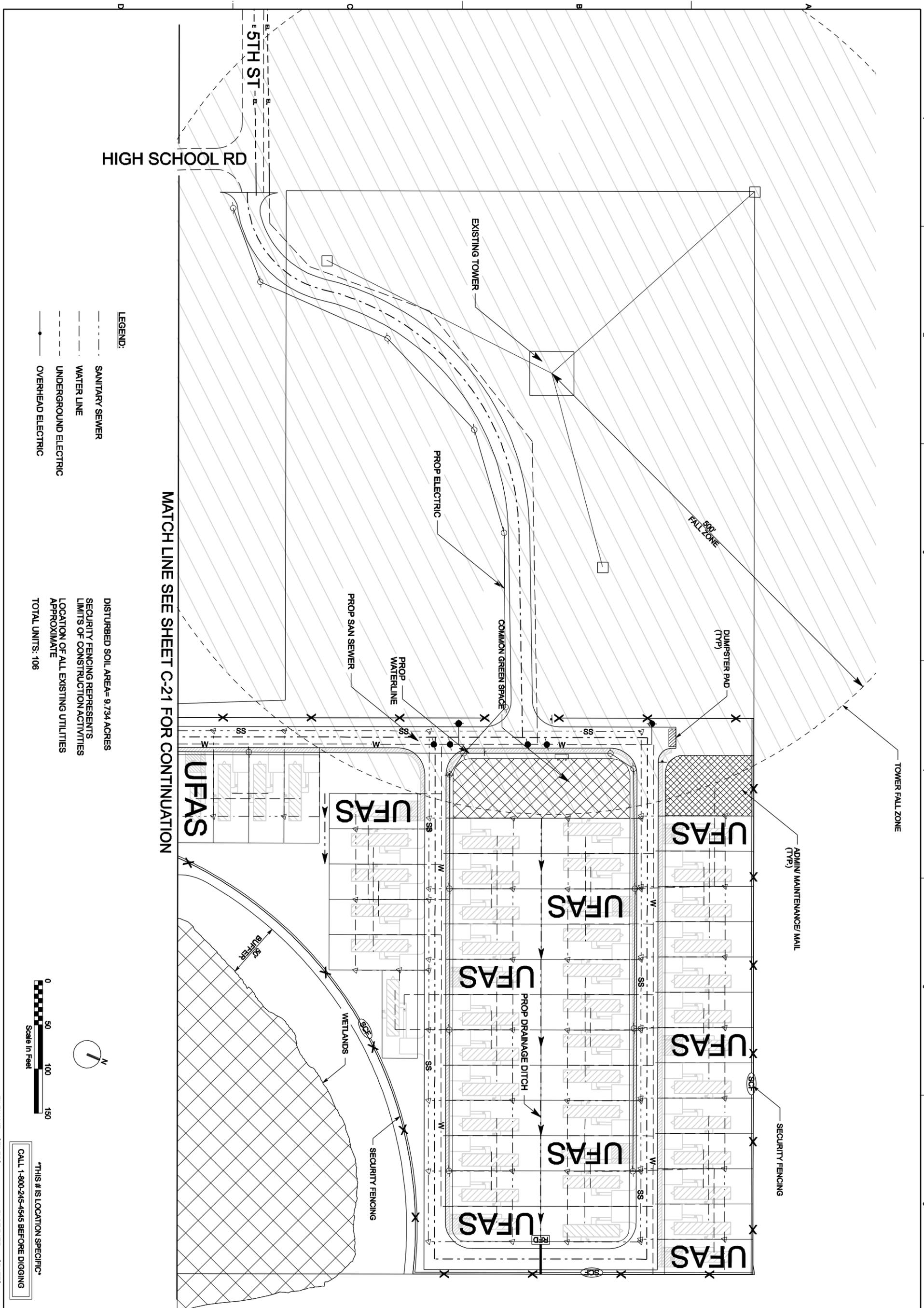
Figure 4. Photo Showing Typical Site Conditions



Figure 5. Photo of Wetland Area



Figure 6a: Site Layout

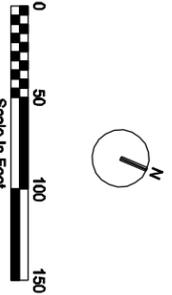


MATCH LINE SEE SHEET C-21 FOR CONTINUATION

LEGEND:

- SANITARY SEWER
- WATER LINE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC

DISTURBED SOIL AREA= 9.734 ACRES
 SECURITY FENCING REPRESENTS
 LIMITS OF CONSTRUCTION ACTIVITIES
 LOCATION OF ALL EXISTING UTILITIES
 APPROXIMATE
 TOTAL UNITS: 108



FILENAME: \$FILES\$ PLOT DATE: \$DATES\$

CALL 1-800-245-4545 BEFORE DIGGING
 THIS # IS LOCATION SPECIFIC

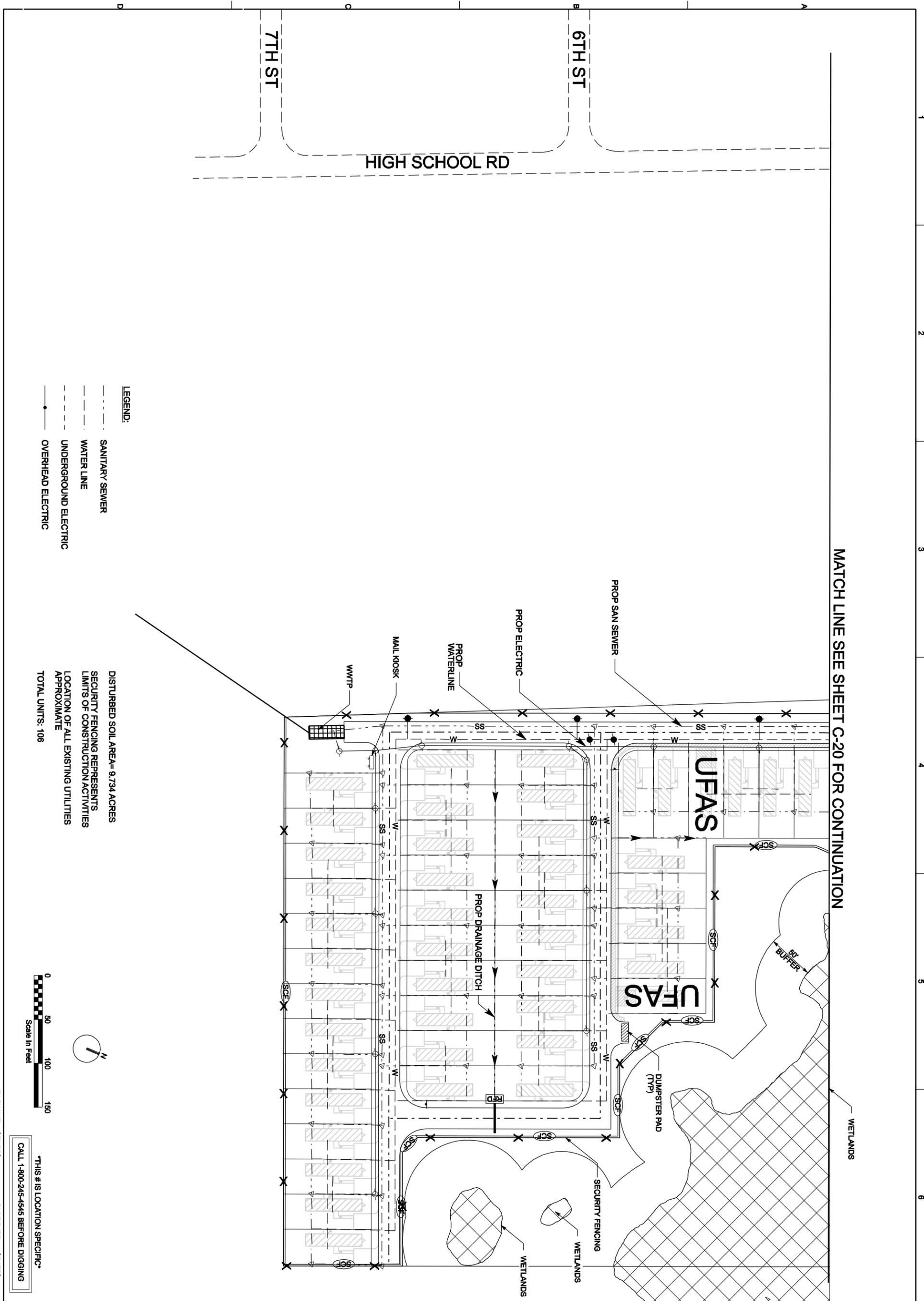
CH2MHILL CIVIL HIGH ISLAND HIGH SCHOOL PARTIAL SITE LAYOUT	7600 WEST TIDWELL ROAD SUITE 600 HOUSTON, TEXAS 77040 PH: 713.462.0161	NO	DATE	DESCRIPTION	APVR	N
		NO.	DATE	REVISION	BY	APVD
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		ENGINEER	DRAWN-BY	CHECKED-BY		

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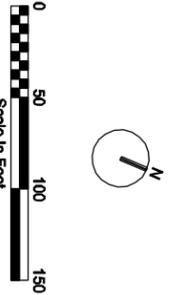
Figure 6b: Site Layout



LEGEND:

- SANITARY SEWER
- WATER LINE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC

DISTURBED SOIL AREA= 9.734 ACRES
 SECURITY FENCING REPRESENTS
 LIMITS OF CONSTRUCTION ACTIVITIES
 LOCATION OF ALL EXISTING UTILITIES
 APPROXIMATE
 TOTAL UNITS: 106



FILENAME: \$FILES\$ PLOT DATE: \$DATES\$

CALL 1-800-245-4545 BEFORE DIGGING
 THIS # IS LOCATION SPECIFIC

CH2MHILL CIVIL HIGH ISLAND HIGH SCHOOL PARTIAL SITE LAYOUT	7600 WEST TIDWELL ROAD SUITE 600 HOUSTON, TEXAS 77040 PH: 713.462.0161	NO DATE DESCRIPTION APVR N NO DATE REVISION BY APVD	
		DSGN ENGINEER DR DRAWN-BY CHK CHECKED-BY	APVD
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING 0		PRELIMINARY THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF GLEN McCABE PE NO. 62221 ON 11/04/2008 IT IS NOT TO BE USED FOR BIDDING, PERMITTING OR CONSTRUCTION	
DATE PROJ DWG SHEET	C-21	PLOT TIME: \$TIMES\$	ISSUED FOR 50% REVIEW

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: High Island High School Community Site, UEI 0381

Project Location: 2127 7th Street, City of High Island, Galveston County
(29.56557 N, -94.38708W)

Project Description:

This proposed project will construct a community housing site for 90 mobile homes on 25 acres located adjacent to the High Island High School sports complex, off High School Road northeast of the high school in High Island, Galveston County, Texas.

The site is located about 1 mile east of US Hwy 124 and approximately 30 miles east of Galveston. The entire site is 25 acres bordered on the north by first succession woodlands, east by pastureland and single family residences, on the south by first succession woodlands and west by the High Island High School sports complex. The ground cover is native grassland and invasive woody vegetation utilized as cattle pasture. Previous ground disturbance on the site includes two abandoned and plugged oil well casings (according to the Texas Railroad Commission), fence lines around the perimeter, and a pile of old farm machinery. There is also a manmade stock pond near a wetland complex on the east side of the site.

Native grasses on the site include *Paspalum sp.*, bushy bluestem, carpetgrass and bermuda. Forbs identified on site were: golden rod, ragweed, *Croton sp.*, rattlebox and partridge pea. Woody vegetation consists of shrubs and trees. Shrubs include deciduous holly, dewberry, fennel, honeysuckle, wood vine and Chinese privet; trees up to 40 foot included cottonwood, black willow, live oak and Chinese tallow. Wildlife noted were eastern cottontail, mourning dove, blue jay, mockingbird and several species of turtles.

The perimeter is fenced with barbed wire, and road access from 7th Street. There is no through road to the site. A large cell phone tower is adjacent to the site as is a bus maintenance shed.

Water is available from a 6" water main along 7th Street, and electric power from overhead lines owned by Entergy Electric along the west side of 6th Street. There is no municipal sanitary sewer service available in the area; a sanitary sewer package plant and collection system is required.

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

- Statutorily excluded from NEPA Review (**Review Concluded**)
- Programmatic Categorical Exclusion (**Review Concluded**)
- Categorical Exclusion - Category
 - No Extraordinary Circumstances exist
Are project conditions required Yes (See section V) No (**Review Concluded**)
 - Extraordinary Circumstances Exist (See section IV)
 - Extraordinary Circumstances mitigated (See section IV comments)
Are project conditions required Yes (See section V) No (**Review Concluded**)
- Environmental Assessment
- Supplemental Environmental Assessment (Reference EA or PEA in comments)
- Environmental Impact Statement

Comments: _____

Reviewer and Approvals

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

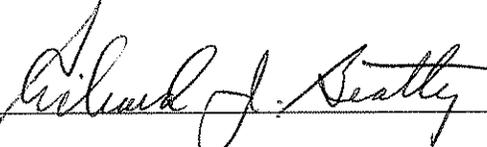
FEMA Environmental Reviewer:

Name: Don Pitts, USACE Environmental Specialist

Signature  Date 3 Dec 08

FEMA Environmental Peer Reviewer:

Name: Richard Beatty, EHP Team Lead for Temp Housing

Signature  Date 3 Dec 2008

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)
 - Resolution of Adverse Effect completed. (MOA on file)
Are project conditions required? Yes (see Section V) No **(Review Concluded)**

Comments: A review of the Texas Historical Commission's Atlas for historic properties on November 3, 2008 indicated there was one archeological site (41GV147) approximately 400 meters from the southwest boundary of the project site. A site inspection was conducted by Jodi Carpenter on November 4, 2008 and no evidence of cultural resources was observed. Consultation with the State Historic Preservation Officer (SHPO) has determined that no historic properties would be affected by the proposed work.

Correspondence/Consultation/References: Consultation with F. Lawrence Oaks, SHPO, on November 19, 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: Listed species habitat does not occur in or near this site, thus this project will have no effect to threatened or endangered species. Per US Fish and Wildlife Service consultations, a fence will be installed around the parameter of the site. US Fish and Wildlife Service concurred with this assessment.

Correspondence/Consultation/References:

- 1) Field observations during site visit by Heath McLane on November 9, 2008.
- 2) Consultation with USFWS received via email on 11/17/2008.

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: Project is not within a CBRA zone.

Correspondence/Consultation/References: CBRA Zone Map from GIS Specialist.

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) There was a 2 acre wetland area and stock pond on the east side. Galveston District Regulatory performed a site visit on November 14, 2008 and confirmed the initial delineation by field personnel. This wetland area will be avoided during the design and construction of the project and a 50 ft. vegetative buffer will be maintained around the perimeter. A wastewater permit will be obtained from the Texas Commission on Environmental Quality for the discharge of treated wastewater in the amount not to exceed 20,000 GPD, with suspended solids <12mg/l, and BOD <10mg/l. This is a safe and state acceptable level for discharge into the wooded wetland to the south of the site.

2) Ground disturbance on the entire project site is anticipated to be greater than one acre, therefore the contractor is required to prepare and submit a request for a NPDES Construction Permit to the TCEQ.

Correspondence/Consultation/References:

- 1) Site visit conducted by Heath McLane on November 9, 2008.
- 2) National Wetlands Inventory map.
- 3) Site Visit by Andria Davis, Galveston District Regulatory on November 14, 2008.
- 4) Consultation with Texas Commission on Environmental Quality

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: 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 Zone Map. E-mail of November 3, 2008 from Tammy S. Brooks, Consistency Review Coordinator, Coastal Protection Division, Texas General Land Office.

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: There is a 2 acre wetland and stock pond on the east side of the site. This pond and wetland will be avoided in construction and a vegetated 50 ft. buffer will be maintained. The permitted wastewater discharge is calculated to cause no harm to the wooded wetland receiving it.

Correspondence/Consultation/References:

- 1) Site visit conducted by Heath McLane on November 9, 2008.
- 2) Site Visit by Andria Davis, Galveston District Regulatory on November 14, 2008.
- 3) Consultation with USFWS received via email on 11/17/2008.
- 4) On-going consultation with TCEQ

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: EPA Region 6 Non-attainment Map (<http://www.epa.gov/ozonedesignations/regions/region6desig.htm>) shows Galveston County an area of non-attainment. Development and occupancy of temporary community sites for residential use is consistent with the State Implementation Plan. 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:

Teleconference regarding Community Site development with Curt Kind, TCEQ Air Division October 24, 2008.

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 in High Island, Texas and FPPA is precluded.

Correspondence/Consultation/References: **Correspondence/Consultation/References:**

- 1) Site visit conducted by Heath McLane on November 9, 2008.
- 2) Aerial photography and corporate boundary information available on GoogleEarth™.

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 entire state of Texas is in the Central flyway zone. The site is an existing disturbed area with little value to migratory birds and would not be included in the USFWS migratory bird management program. The USFWS has requested that the forested area adjacent to the site be separated by a fence to avoid potential human disturbance to the migratory birds.

Correspondence/Consultation/References: Site Visit by Heath McLane, USACE, November 9, 2008, and correspondence from USFWS dated November 17, 2008.

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 Project is not located in or near any surface waters with the potential to affect EFH species. The project site is located 1 mile north of the Gulf of Mexico on High Island, Texas.

Correspondence/Consultation/References: NWI map and aerial photography.

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 is 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 Flood Zone C above the 500 year floodplain.

Correspondence/Consultation/References: FEMA Flood Insurance Rate Map, Community Panel No. 485470 0010 E, revised August 18, 1992, and attached Flood Zone GIS Map.

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: There is a 2 acre wetland area and stock pond on the east side of the site that will be avoided and protected by a fence to create a 50 ft. buffer. No named stream or water body occurs within impact distance of the project site. A wastewater permit will be obtained from the Texas Commission on Environmental Quality for the discharge of treated wastewater in the amount not to exceed 20,000 GPD, with suspended solids <12mg/l, and BOD <10mg/l. This is a safe and state acceptable level for discharge into the wooded wetland to the south of the site.

Correspondence/Consultation/References:

1) Site visit conducted by Heath McLane on November 9, 2008.

2) Site Visit by Andria Davis, Galveston District Regulatory on November 14, 2008.

3) Consultation with USFWS received via email on 11/17/2008.

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 77623 are: 97.7%, White/Caucasian, , 3.8% Hispanic and 1.3%, American Indian or Alaskan Native. The median household income in 1999 was \$ 29,444 and 8.9 % of families are below poverty level. In comparison to Galveston County and Texas, the zip code has a lower percentage of families below the poverty level, a lower percentage of African American residents and a lower percentage other minorities. 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 the community site's resident demographics are not part of the occupancy selection criteria, the 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 November 12, 2008.

III. Other Environmental Issues

Hazardous Materials and Toxic Wastes

Comments: There were no items of concern identified during the site visit. One recorded underground petroleum storage tank was identified at 2115 7th Street within ¼ of a mile from the site on GeoSearch report, job # 786, completed November 10, 2008. A search of the Texas Railroad Commission database identified one, in-service, 6.63 inch diameter, crude oil pipeline operated by BP Pipelines of North America, Inc. located within ½ mile to the north and east of the project site. Additionally 34 oil dry holes and 5 plugged oil wells within ¼ mile. Two of the plugged oil wells were observed on site located at 29.56612N, 094.38617W, just north of the wetland. No other HTRW issues were noted and no potential environmental conditions are anticipated.

Correspondence/Consultation/References: Environmental Geo-Search Report, November 10, 2008. Review of Texas Railroad Commission Website for pipeline information (<http://www.rrc.state.tx.us/data/online/gis/index.php#>) on November 10, 2008. Hazmat review and final health and safety determinations made by William Haferkamp, USACE, Biologist.

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

Obtain and comply with all applicable local, state and federal permitting; and meet all applicable building code and zoning requirements.

Project Conditions:

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).

Removal of vegetation may result in direct and indirect impacts to existing water resources and/or associated downstream drainage systems. In order to minimize impacts to any waters of the U.S., the contractor is required to implement Best Management Practices (BMPs) that meet the Texas Commission on Environmental Quality's permitting specifications for stormwater discharge. This includes designing the site with specific construction measures to reduce or eliminate run-off impacts. With these measures in place, it is unlikely the proposed action would have a significant effect on the quality of surface waters.

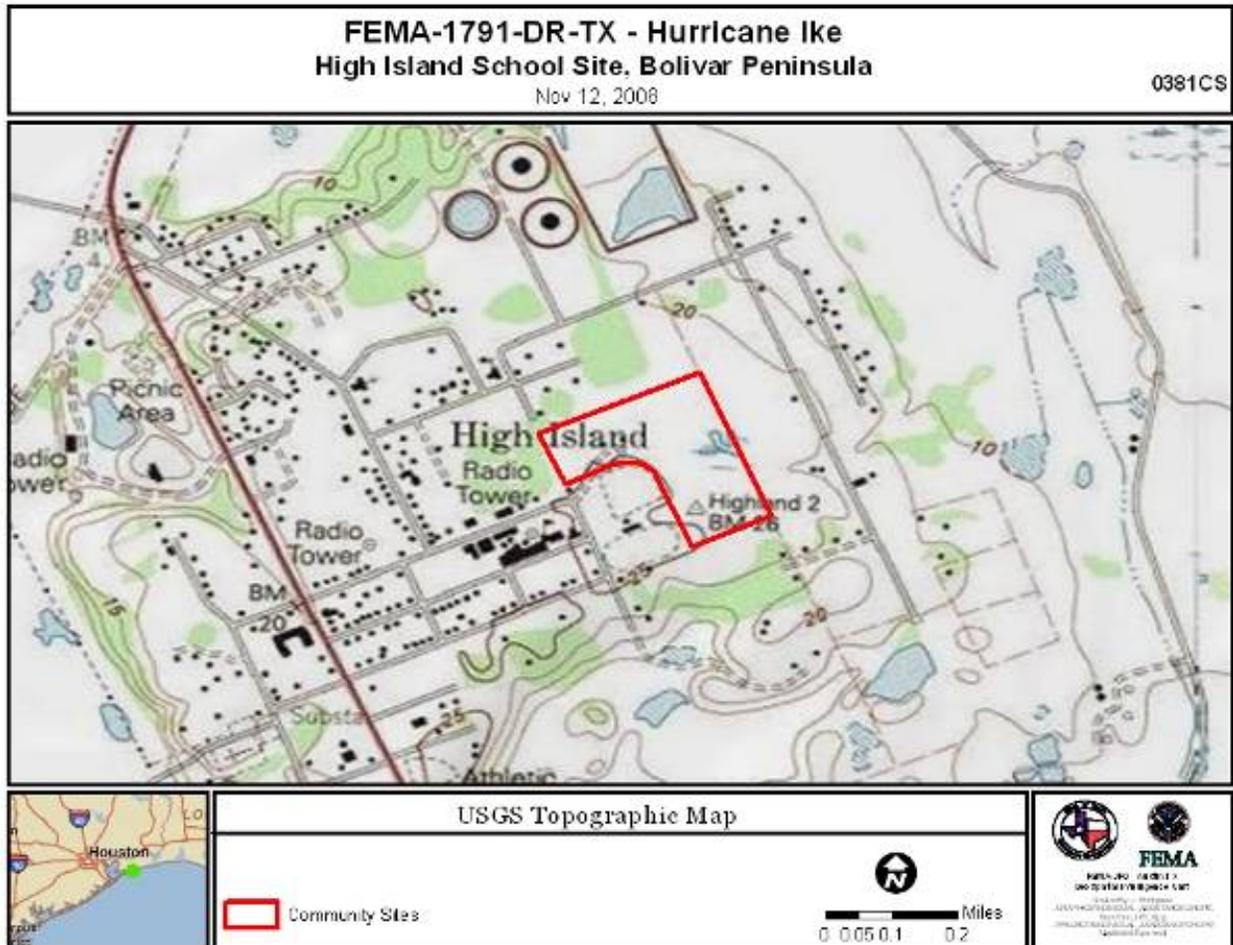
Wastewater discharge will be approved by permit from the TCEQ and within their approved limits.

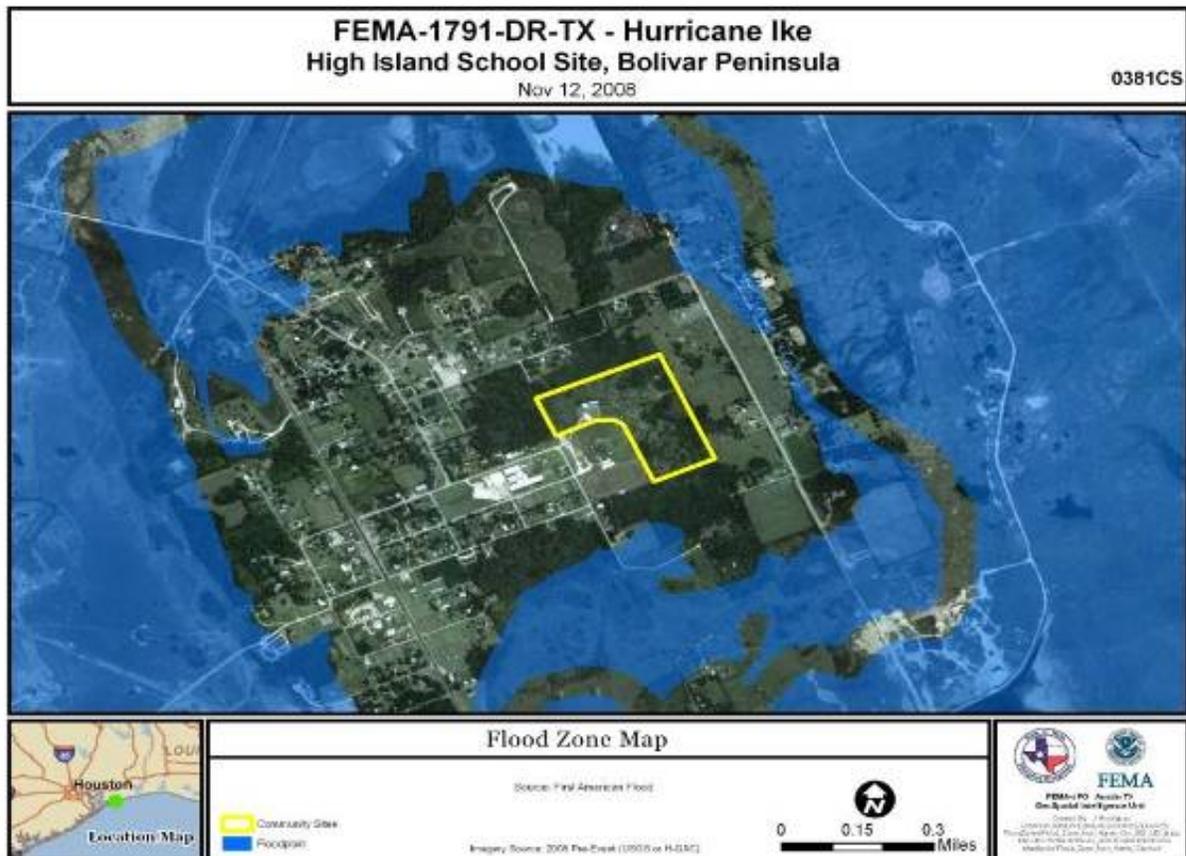
Project will be fenced for the protection of the residents and migratory birds.

A 2 acre wetland area and stock pond on the east side of the site that will be avoided and protected by a fence to create a 50 ft. buffer.

Attachments:

USGS Topographic Map
National Wetlands Inventory Map
Flood Zone Map





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



FEMA

RECEIVED

NOV 14 2008

History Programs Division

November 14, 2008

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

NO HISTORIC
PROPERTIES AFFECTED
PROJECT MAY PROCEED

By *[Signature]*
for F. Lawrence Oaks
State Historic Preservation Officer
Date 19 November 2008

RE: Section 106 Review Consultation, FEMA-1791-DR-TX, Hurricane Ike
Individual Assistance- Community Site for Temporary Housing
High Island School (UEI 0381)
7th Street, High Island, Texas
Coordinates: N 29.56564, W -94.38783

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 Preparedness (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 Temporary Housing Community Sites.

On November 4, 2008, FEMA Historic Preservation Specialist Jodi Lee Carpenter conducted a pedestrian survey of the proposed High Island School Community Site. The area is presently used as a cattle pasture. Some previous ground disturbance was indicated by two large pipes coming out of the ground, fence lines around the perimeter, and a push pile of farm machinery. Also, a manmade cattle pond is located near the wetlands. No historic or prehistoric cultural resources were observed within the survey boundary. No subsurface testing was conducted for this survey.

FEMA has determined that there are no buildings on the proposed High Island School 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. A review of the archeological data in the Texas Historic Sites Atlas indicates Site 41GVI47 is approximately 400 meters from the SW boundary. Although this site is potentially eligible, there is a negative survey along High School Road which divides Site 41GVI47 from the proposed Community Site. As a result, FEMA has determined that there will be No Historic Properties Affected as a result of the proposed undertaking.

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

Sincerely,



Chelsea Klein,
Acting HP team lead
Historic Preservationist Specialist
FEMA-1791-DR-TX

Attachments:

Arial Map of Location
USGS Quad Location Map
Photographs of High Island School site

Hermely, Alan (CTR)

From: Edith_Erfling@fws.gov
Sent: Monday, November 17, 2008 10:23 AM
To: Hermely, Alan (CTR)
Cc: Zachary, Bridget; Fairley, Donald
Subject: Re: Proposed Community Sites

Categories: Chamber County, Galveston County

Hi Alan,

Based on a review of your information and Service files, we agree that none of the proposed community sites appear to contain suitable habitat for federally listed species.

However, the wooded areas adjacent to the High Island site could provide valuable habitat for migratory birds. We suggest that fence be installed around the perimeter of this community site to preclude human access to the wooded areas and thereby reduce human disturbance of migratory birds.

Thank you for the opportunity to comment on these projects. If you have any questions or if I can be of further assistance, please contact me.

sincerely,

Edith Erfling
U.S. Fish & Wildlife Service
17629 El Camino Real, Suite 211
Houston, Texas 77058-3051
281-286-8282
fax 281-488-5882

"Hermely, Alan (CTR)"		
<Alan.Hermely@associates.dhs.gov>	<edith_erfling@fws.gov>	To
		cc
11/13/2008 11:34 AM	"Zachary, Bridget" <bridget.zachary@dhs.gov>, "Fairley, Donald" <donald.fairley@dhs.gov>	Subject
	Proposed Community Sites	

Good Morning Edith,

FEMA is proposing to use the following four properties as community mobile home park sites. Attached are aerial photos of the proposed sites.

High Island Site (Galveston County):
Location Coordinates: 29.56557N / -94.38708W

FEMA is proposing to develop a property known as the High Island Site as a temporary community mobile home park in Galveston County. The site consists of approximately 25 acres of land. The site is bordered on the north by first succession woodlands, east by pastureland and single family residences, on the south by first succession woodlands and west by the High Island High School sports complex. The terrain in the park and ground cover consists of native grassland utilized as cattle pasture inundated by invasive woody vegetation. Previous ground disturbance is evident throughout the site. Also, a manmade cattle pond was created near wetlands located on site. An approximate 7 acre wetland was observed on the east side of the site. Drainage ditches that drain the site connect to the wetland.

The project site is dominated by the grass groundcover St. Augustine and to a lesser degree Bermuda. Forbs identified on site were: Golden rod, Ragweed, Croton, Rattlebox and Partridge pea. Woody vegetation consists of shrubs and trees up to 40 foot in height. Shrubs identified were: Deciduous holly, Dewberry, Fennel, Honey suckle, Wood vine and the invasive Chinese privet. Trees located on site consist of: Cottonwood, Black willow, and Live oak. However, the invasive Chinese tallow is the prevalent species.

Thornton Estates Community Site (Chambers County) Location Coordinates: 29.80592N / -94.38357W

FEMA is proposing to develop a property known as the Thornton Estates Community Site as a temporary community mobile home park in Chambers County. The site consists of approximately 40 acres of land. The site is bordered on the north by commercial, residential properties and the fairgrounds, east by old growth field and grain silos, on the south by East Chambers High School and on the west by Highway 124, vacant land, a church, residential property and commercial property. No wetlands were observed on the site.

The property is covered with typical lawn grasses such as St. Augustine, Bermuda and Johnson grass. Woody vegetation is scattered along the perimeter of the site consisting of Pine and Chinese tallow up to 45 feet.

Galveston Isle-Moody Site (Galveston County) Location Coordinates: 29.295627N / -94.8186W

FEMA is proposing to develop a property known as the Galveston Isle-Moody Site as a temporary community mobile home park in Galveston County. Surrounding land use is industrial to the north and east, residential to the south and part residential and industrial to the west. The entire site is surfaced with asphalt and cement, there are no natural resources.

Bacliff Community Site (aka Edgewater Park) (Galveston County) Location Coordinates: 29.50493N / -94.97601W

FEMA is proposing to develop a property known as the Bacliff Community Site (aka Edgewater Park) as a temporary community mobile home park in Galveston County. The site is approximately 100 acres. However, only 34 acres is available for temporary housing development because a large aquaculture facility occupies most of the site. The site is bordered on the north by single family residences, east by single family residences, on the south by vacant land and west by the single family residences. Native grassland covers vacant areas that were once part of the aquaculture facility. The red areas on the map above on the northwest side are still bermed fish ponds of an approximate 5 foot depth. The small red area on the north side of the yellow portion is being utilized as a dump for old concrete containing rebar.

The project site is dominated by grass ground cover that consists of Bermuda and to a lesser degree Paspalum and Bushy bluestem; others identified on site was sedge, cattails and Green sprangletop. Forbs identified on site were: Golden rod, Ragweed, Croton, Rattlebox, smartweed and Partridge pea. Woody vegetation consists of shrubs and small trees up to 10 foot in height including: Baccharis and small willows and

cottonwoods.

Potential wetlands may occur in both the vacant areas, and especially in the existing fish ponds sites. However, the ponds are permitted man-made structures built for the purpose of raising fish.

Conclusions;

The proposed sites do not have habitat required for the listed threatened and endangered species in the area. Therefore, based on the information above FEMA has determined the development on these sites is not likely to adversely affect national trust resources and seeks USFWS concurrence with this determination.

Migratory birds prefer undisturbed wooded areas for nesting and feeding. However, all the above sites are in open field surrounded by development with little value to migratory bird species.

Thank you for your time in reviewing these proposed sites.

Alan Hermely
Environmental Specialist
FEMA JFO
Austin, Texas
(512) 820-7105

[attachment "Aerial Photos.doc" deleted by Edith Erfling/R2/FWS/DOI]

Appendix B

GeoSearch Radius Report



Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000000787>

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

Target Property:

High Island 2

Galveston County, Texas 77650

Prepared For:

ECS-Houston

Order #: 389

Job #: 787

Date: 11/10/2008

TARGET PROPERTY SUMMARY

High Island 2

Galveston County, Texas 77650

Centroid County: **Galveston**

Centroid Zipcode: **77650**

Centroid State: **TX**

USGS Quadrangle: **High Island, TX**

Target Property Geometry: **Point**

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

(-94.392520, 29.564200)

County/Countries Covered:

Galveston (TX)

Zipcode(s) Covered:

Port Bolivar TX: 77650

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.**

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

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	0	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	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION	RCRAC	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	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	0	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	4	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000



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DATABASE FINDINGS SUMMARY (SOURCE)

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	1	0	0.5000
INNOCENT OWNER / OPERATOR	IOP	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	1	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	2	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		8	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	0	0	0	0	0
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



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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
DNPL		1.000	0	0	0	0	0	0
DOD		1.000	0	0	0	0	0	0
FUDS		1.000	0	0	0	0	0	0
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	0	0	0	0	0

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	0	0	0	0	0	0
PIHW	.2500	0	0	0	0	0	0	0
PST	.2500	1	3	0	0	0	0	4
APAR	.5000	0	0	0	0	0	0	0
BSA	.5000	0	0	0	0	0	0	0
CALF	.5000	0	0	1	0	0	0	1
IOP	.5000	0	0	0	0	0	0	0
LPST	.5000	0	1	0	0	0	0	1
MSWLF	.5000	0	0	0	0	0	0	0



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DATABASE FINDINGS SUMMARY (DETAIL)

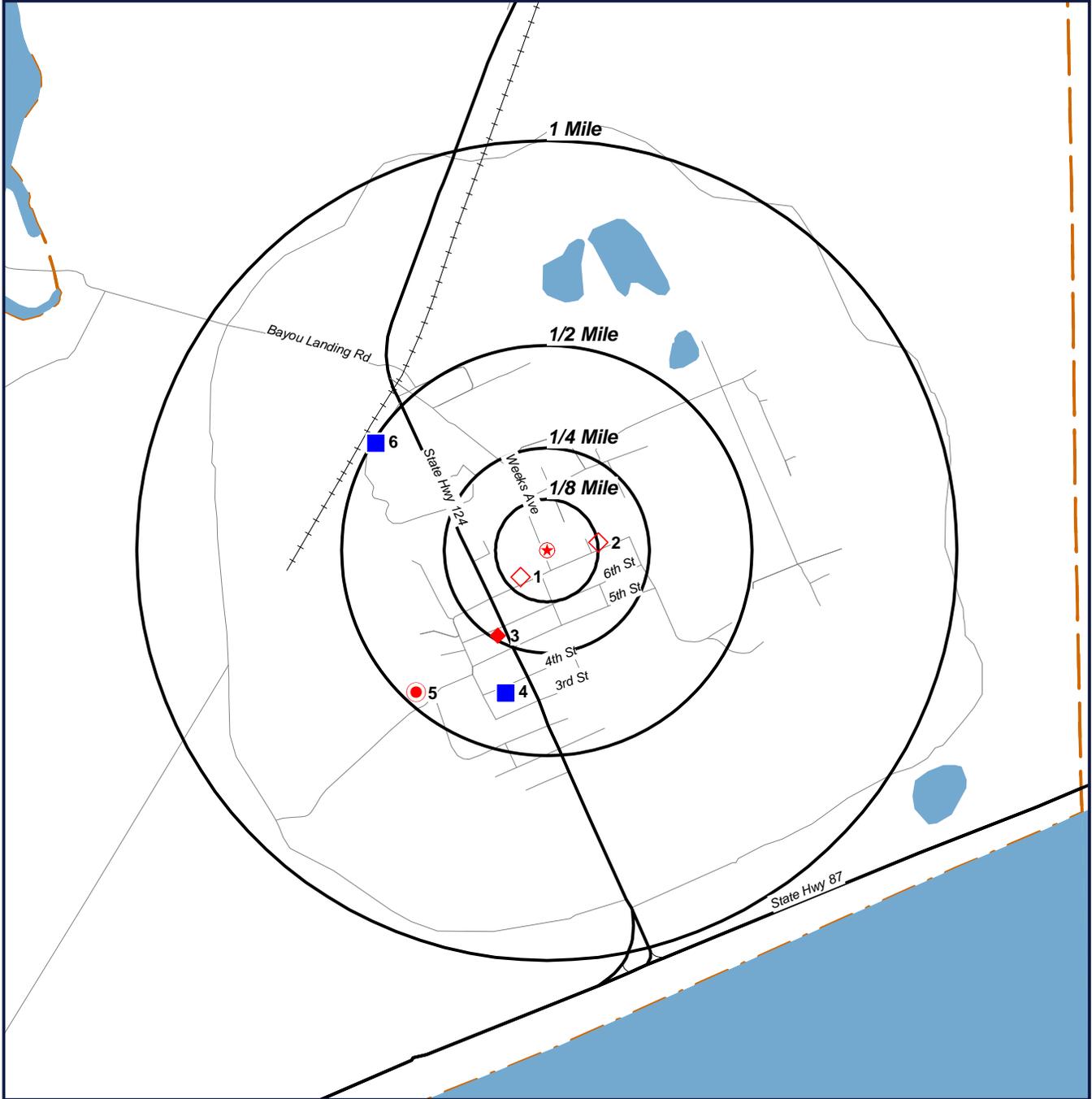
ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RRCVCP		.5000	0	0	0	0	0	0
RWS		.5000	0	0	0	0	0	0
TIERII		.5000	0	0	2	0	0	2
VCP		.5000	0	0	0	0	0	0
WMRF		.5000	0	0	0	0	0	0
SF		1.000	0	0	0	0	0	0
SUB-TOTAL			1	4	3	0	0	8
TRIBAL								
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			1	4	3	0	0	8
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RADIUS MAP



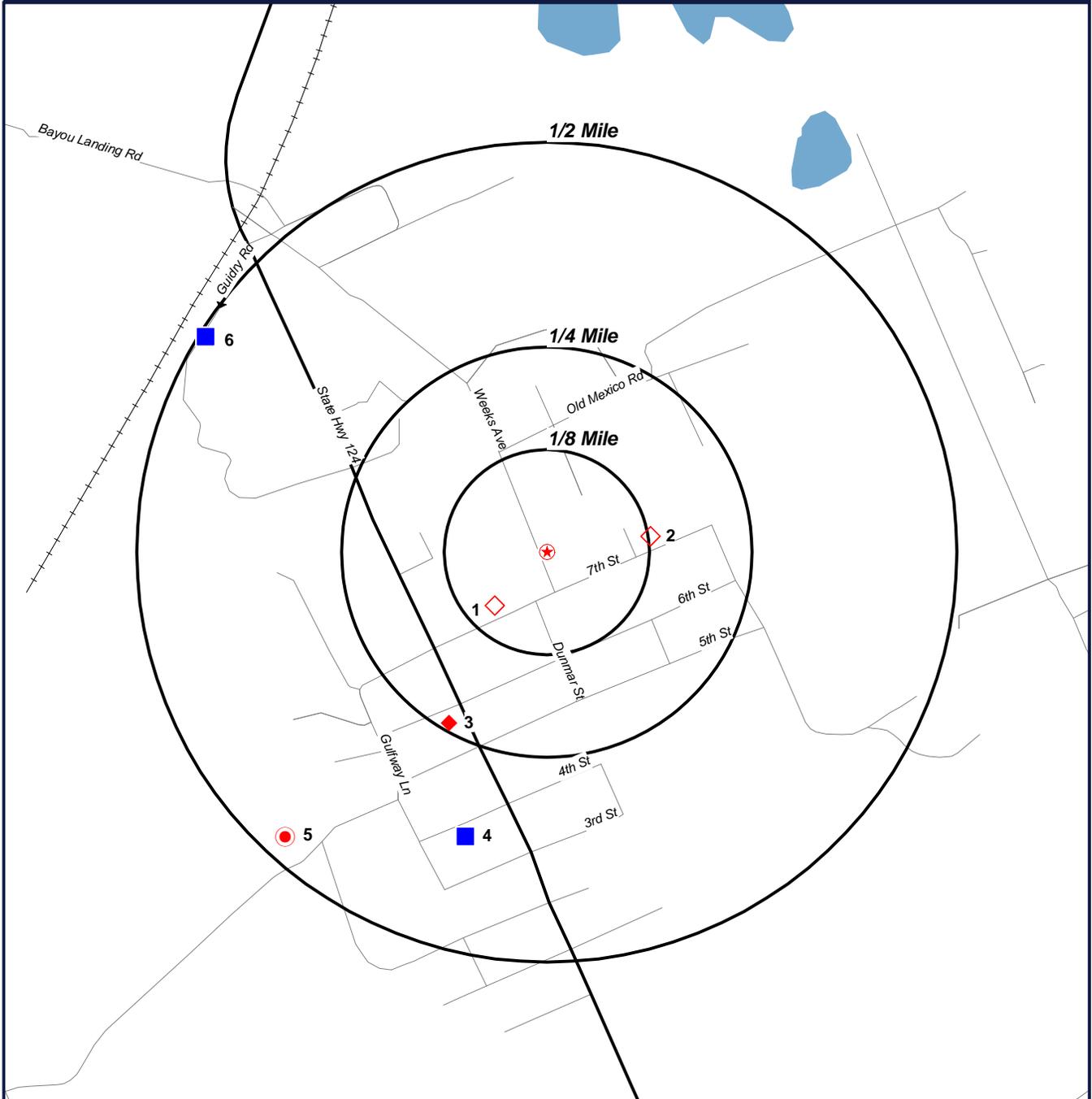
- ⊕ Target Property (TP)
- ◇ PST
- ◆ LPST
- TIERII
- CALF

High Island 2
Galveston County, Texas
77650



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RADIUS MAP



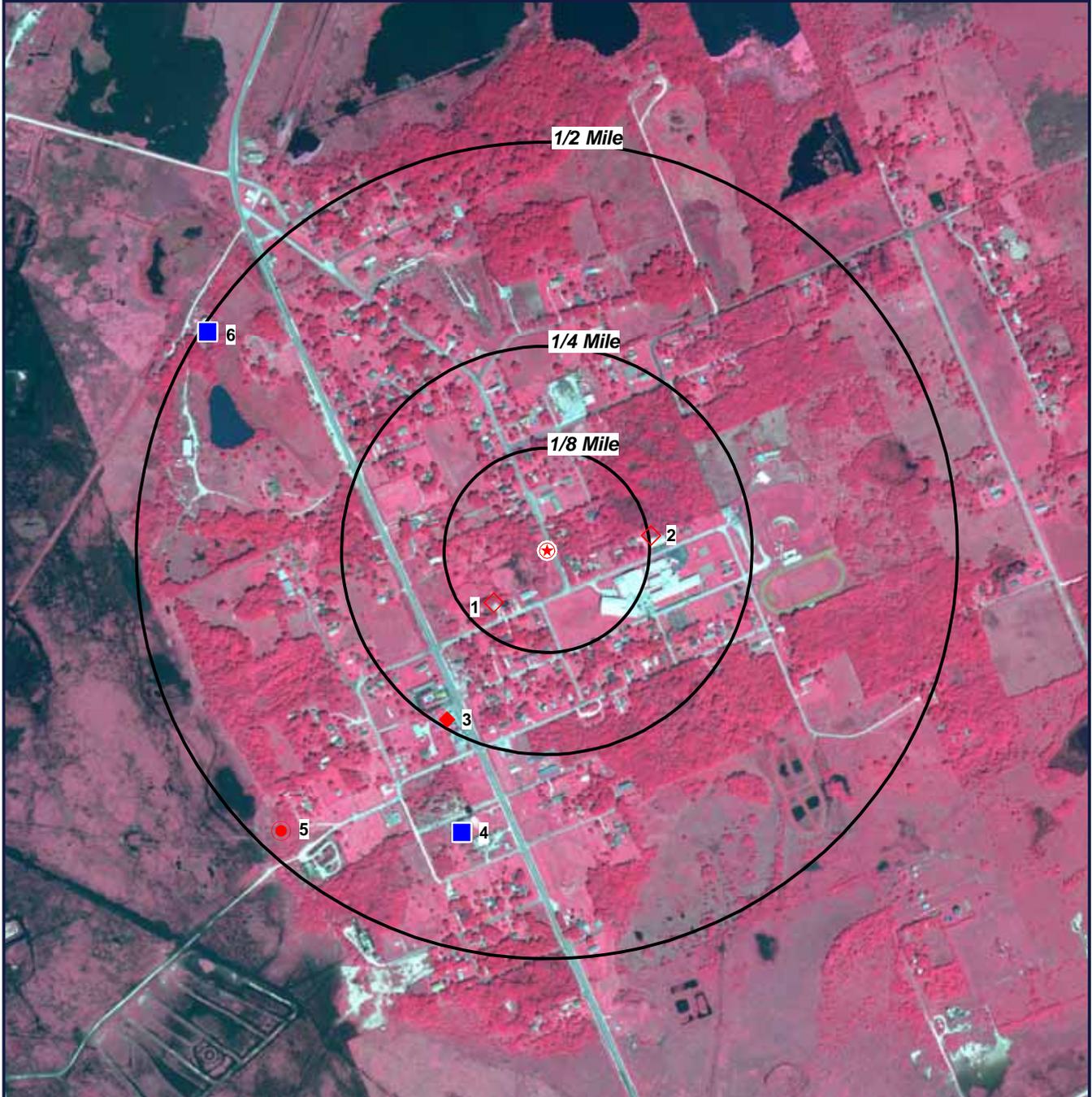
- ★ Target Property (TP)
- ◇ PST
- ◆ LPST
- TIERII
- CALF

High Island 2
Galveston County, Texas
77650



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ORTHOPHOTO MAP



- ⊛ Target Property (TP)
- ◇ PST
- ◆ LPST
- TIERII
- CALF

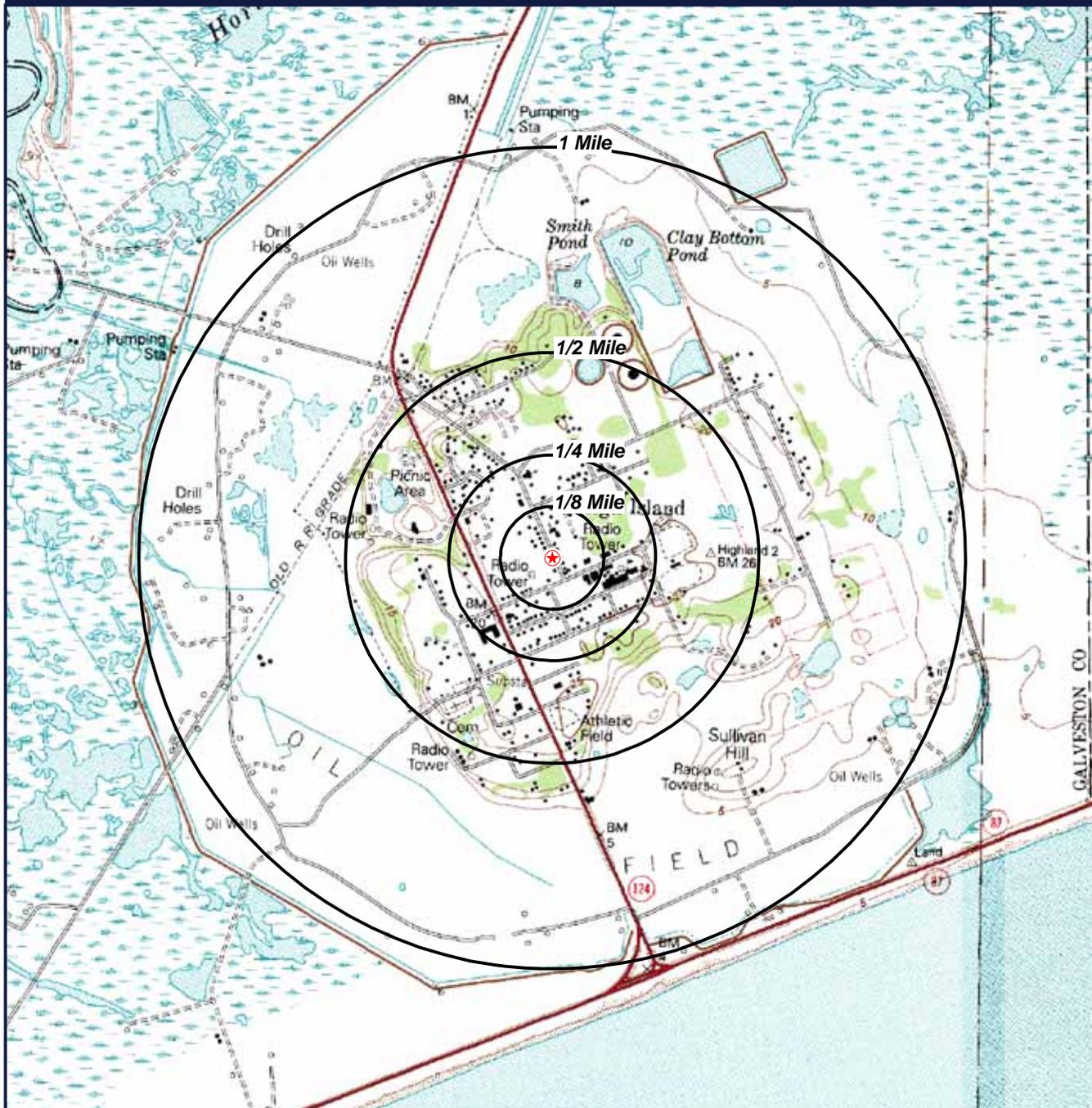
Quadrangle(s): High Island
Source: USDA (2004)
High Island 2
Galveston County, Texas
77650



GeoSearch

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TOPOGRAPHIC MAP



★ Target Property (TP)

Quadrangle(s): High Island
Source: USGS, 1994
High Island 2
Galveston County, Texas
77650



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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	0023427	0.091 SW	CAMERON TELEPHONE HIGH ISLAND TX	2033 7TH ST	HIGH ISLAND, 77623	1
2	PST	0016528	0.129 E	HIGH ISLAND ISD	2115 7TH ST	HIGH ISLAND, 77623	3
3	PST	0043819	0.241 SW	HIGH ISLAND GROCERY	HWY 124	HIGH ISLAND, 77623	5
3	PST	0039978	0.241 SW	HIGH ISLAND FOOD MART	1341 HIGHWAY 124	HIGH ISLAND, 77623	9
3	LPST	112985	0.241 SW	LITTLE PAIR 2	1341 HWY 124	HIGH ISLAND, 77623	13
4	TIERII	48ZRG100YREN	0.359 S	HIGH ISLAND ELEVATED PLANT	1265 HWY 124	HIGH ISLAND, 77623	14
5	CALF	1041	0.472 SW	HIGH ISLAND	.25MI W OF CEMETARY ON 5TH, HIGH IS	GALVESTON, 77650	15
6	TIERII	48ZRLF016Z8T	0.492 NW	HIGH ISLAND GROUND STORAGE PLANT	1957 GUIDRY RD	HIGH ISLAND, 77623	16



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 1

Distance from Property: 0.09 mi. SW

FACILITY INFORMATION

FACILITY ID #: **0023427**
NAME: **CAMERON TELEPHONE HIGH ISLAND TX**
ADDRESS: **2033 7TH ST**
HIGH ISLAND, TX 77623
TYPE: **UNIDENTIFIED**
TCEQ REGION: **12**
FACILITY IN OZONE NON-ATTAINMENT AREA: **YES**
NUMBER OF UNDERGROUND TANKS AT FACILITY: **1**
NUMBER OF ABOVEGROUND TANKS AT FACILITY: **0**
FACILITY CONTACT: **GARY HIGHTOWER, VP**
PHONE: **337--58-3-20 91**
DATE REGISTRATION FORM RECEIVED: **05/08/86**
SIGNATURE ON REGISTRATION FORM: **T WAITE, NEWORK DIST MGR**
DATE OF SIGNATURE ON REGISTRATION FORM: **04/30/86**

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **04/24/08**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/09/03**
SIGNATURE ON CERTIFICATION: **GARY HIGHTOWER, SENIOR VP, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/26/04**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/05/03**
SIGNATURE ON CERTIFICATION: **GARY B HIGHTOWER, VP EMP & COMM REL, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/27/03**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/04/03**
SIGNATURE ON CERTIFICATION: **GARY B HIGHTOWER, VP, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **01/22/02**
TYPE OF CERTIFICATION SUBMITTED: **ANNUAL RENEWAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/03/03**
SIGNATURE ON CERTIFICATION: **GARY B HIGHTOWER, VP, LEGALLY-AUTHORIZED REP OF OWNER**

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: **10/03/00**
TYPE OF CERTIFICATION SUBMITTED: **INITIAL**
UST DELIVERY CERTIFICATE EXPIRATION DATE: **20/02/03**
SIGNATURE ON CERTIFICATION: **GARY A HIGHTOWER, VP INTERNAL OPER, LEGALLY-AUTHORIZED REP OF OWNER**

UNDERGROUND STORAGE TANK INFORMATION

OWNER INFORMATION

CUSTOMER #: **11573**
NAME: **CAMERON TELEPHONE COMPANY**
ADDRESS: **PO BOX 2237**
SULPHUR, LA 70664
TYPE: **CORPORATION**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: **1**
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: **1**
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: **0**
OWNER CONTACT: **GARY HIGHTOWER**
PHONE: **337-583-2091**



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: **IN USE**
INSTALL DATE: **09/01/1985** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **1000 GALLONS** SUBSTANCE STORED: **DIESEL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

TYPE OF PIPING: **SUCTION**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **09/01/1985**
TANK MATERIAL: **STEEL**
OTHER TANK MATERIAL:
PIPE MATERIAL: **STEEL**
OTHER PIPE MATERIAL:
PIPE CONECTORS AND VALVES (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

CATHODIC PROTECTION - FACTORY INSTALLATION

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

CATHODIC PROTECTION - FACTORY INSTALLATION

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:

UNIT ID: **00060485** 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

ANNUAL PIPING TIGHTNESS TEST (@ 0.1 GPH)

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

TIGHT-FILL FITTING

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

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

PETROLEUM STORAGE TANKS (PST)

MAP ID# 2

Distance from Property: 0.13 mi. E

FACILITY INFORMATION

FACILITY ID #: 0016528
NAME: HIGH ISLAND ISD
ADDRESS: 2115 7TH ST
HIGH ISLAND, TX 77623
TYPE: FLEET REFUELING
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: YES
NUMBER OF UNDERGROUND TANKS AT FACILITY: 2
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: JACKIE CANNON
PHONE: 409--28-6-53 17
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: C VADEN, SUPT
DATE OF SIGNATURE ON REGISTRATION FORM: 04/18/86

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 01/01/1980 STATUS DATE: 06/08/1999
REGISTRATION DATE: 05/08/1986
CAPACITY: 4000 GALLONS SUBSTANCE STORED: GASOLINE
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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

PIPE CONNECTORS AND VALVES (I thru III)

NOT REPORTED

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)

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 ?: YES
INSTALLER NAME:

OWNER INFORMATION

CUSTOMER #: 08211
NAME: HIGH ISLAND ISD
ADDRESS: BOX 246
HIGH ISLAND, TX 77623
TYPE: LOCAL GOVERNMENT
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 1
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 2
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: JACKIE CANNON
PHONE: 4092865317



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 2 TANK STATUS: **PERM. FILLED IN PLACE**
INSTALL DATE: 01/01/1966 STATUS DATE: 03/01/1980
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:
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **STEEL**
OTHER TANK MATERIAL:
PIPE MATERIAL: **STEEL**
OTHER PIPE MATERIAL:
PIPE CONECTORS AND VALVES (I thru III)

NOT REPORTED

TANK CORROSION PROTECTION (I thru III)

NOT REPORTED

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

NOT REPORTED

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

UNIT ID: 00042123 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

VAPOR MONITORING

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

AUTOMATIC LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPIN

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

UNIT ID: 00042124 TANK ID: 2 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NONE

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NONE

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 3

Distance from Property: 0.24 mi. SW

FACILITY INFORMATION

FACILITY ID #: 0043819
NAME: HIGH ISLAND GROCERY
ADDRESS: HWY 124
HIGH ISLAND, TX 77623
TYPE: UNIDENTIFIED
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: YES
NUMBER OF UNDERGROUND TANKS AT FACILITY: 4
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 1
FACILITY CONTACT: RATAB ASKER
PHONE: 409--28-6-22 40
DATE REGISTRATION FORM RECEIVED: 07/17/86
SIGNATURE ON REGISTRATION FORM: PAT MCGOWN, PRES.
DATE OF SIGNATURE ON REGISTRATION FORM: 07/15/86

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 01/01/1984 STATUS DATE: 12/05/1989
REGISTRATION DATE: 07/17/1986
CAPACITY: 1000 GALLONS SUBSTANCE STORED: DIESEL
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)
NOT REPORTED
PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)
NOT REPORTED
TYPE OF PIPING:
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: NOT REPORTED
TANK MATERIAL: STEEL
OTHER TANK MATERIAL:
PIPE MATERIAL: UNKNOWN
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)
NOT REPORTED
TANK CORROSION PROTECTION (I thru III)
NOT REPORTED
TANK CORROSION PROTECTION VARIANCE: NO VARIANCE
PIPE CORROSION PROTECTION (I thru III)
NOT REPORTED
PIPE CORROSION PROTECTION VARIANCE: NO VARIANCE
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: NOT REPORTED
STAGE 1 EQUIPMENT INSTALL DATE: NOT REPORTED
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS:
STAGE 2 EQUIPMENT INSTALL DATE: NOT REPORTED
TANK TESTED ? : NO
INSTALLER NAME:

OWNER INFORMATION

CUSTOMER #: 46755
NAME: ASKER RATAB TURKI
ADDRESS: 4522 FM 1960 W
HOUSTON, TX 77069
TYPE: PRIVATE OR CORPORATE
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 1
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 4
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 1
OWNER CONTACT: RATAB ASKER
PHONE: 409-296-3592



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: **2** TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1980** STATUS DATE: **12/05/1989**
REGISTRATION DATE: **07/17/1986**
CAPACITY: **1000 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:

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:

TANK ID #: **3** TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1971** STATUS DATE: **12/05/1989**
REGISTRATION DATE: **07/17/1986**
CAPACITY: **1000 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:

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 #: **4** TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1971** STATUS DATE: **12/05/1989**
REGISTRATION DATE: **07/17/1986**
CAPACITY: **1000 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:
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **STEEL**
OTHER TANK MATERIAL:
PIPE MATERIAL: **UNKNOWN**
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:

UNIT ID: **00115440** TANK ID: **1** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

NONE

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

NONE

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

NOT REPORTED

SPILL AND OVERFILL PREVENTION VARIANCE: **NO VARIANCE**
UNIT ID: **00115441** TANK ID: **2** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

NONE

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

NONE

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

NOT REPORTED

SPILL AND OVERFILL PREVENTION VARIANCE: **NO VARIANCE**
UNIT ID: **00115442** TANK ID: **3** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

NONE

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

NONE

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: 00115443 TANK ID: 4 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NONE

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NONE

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

ABOVEGROUND STORAGE TANK INFORMATION

TANK ID #: 1

TANK STATUS: OUT OF USE

INSTALL DATE: 01/01/1989

REGISTRATION DATE: 07/17/1986

CAPACITY: 2000 GALLONS

SUBSTANCE STORED: GASOLINE

TANK MATERIAL: STEEL

CONTAINMENT: CONCRETE



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 3

Distance from Property: 0.24 mi. SW

FACILITY INFORMATION

FACILITY ID #: 0039978
NAME: HIGH ISLAND FOOD MART
ADDRESS: 1341 HIGHWAY 124
HIGH ISLAND, TX 77623
TYPE: RETAIL
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: YES
NUMBER OF UNDERGROUND TANKS AT FACILITY: 3
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: SHEILA GANDHI, MGR
PHONE: 409--28-6-52 11
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: JAMES E CRITTENDEN, PRES
DATE OF SIGNATURE ON REGISTRATION FORM: 05/07/86

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 05/30/07
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/08/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 03/21/07
TYPE OF CERTIFICATION SUBMITTED: UPDATE
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/07/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 04/22/06
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/07/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 04/23/05
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/06/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRESIDENT, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 05/03/04
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/05/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, , OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 05/03/03
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/04/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 04/10/02
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/03/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRES, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 08/09/00
TYPE OF CERTIFICATION SUBMITTED: INITIAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/02/06
SIGNATURE ON CERTIFICATION: KETAN GANDHI, PRESIDENT, OWNER

OWNER INFORMATION

CUSTOMER #: 51786
NAME: THAKORJI CORPORATION
ADDRESS: PO BOX 306
HIGH ISLAND, TX 77623
TYPE: CORPORATION
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 1
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 3
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: SHEILA GANDHI
PHONE: 409-286-5211



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PETROLEUM STORAGE TANKS (PST)

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 01/01/1979 STATUS DATE: 06/02/2008
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: SUCTION
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: NOT REPORTED
TANK MATERIAL: STEEL
OTHER TANK MATERIAL:
PIPE MATERIAL: FRP(FIBERGLASS-REINFORCED PLASTIC)
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)

FLEXIBLE CONNECTORS (AT ENDS OF PIPING)

TANK CORROSION PROTECTION (I thru III)

CATHODIC PROTECTION - FIELD INSTALLATION, CATHODIC PROTECTION - FACTORY INSTALLATION

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: 10/01/1998
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: BALANCE SYSTEM OR ASSIST SYSTEM TYPE
STAGE 2 EQUIPMENT INSTALL DATE: 01/01/1999
TANK TESTED?: NO
INSTALLER NAME:

TANK ID #: 2 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 01/01/1979 STATUS DATE: 06/02/2008
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: SUCTION
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: NOT REPORTED
TANK MATERIAL: STEEL
OTHER TANK MATERIAL:
PIPE MATERIAL: FRP(FIBERGLASS-REINFORCED PLASTIC)
OTHER PIPE MATERIAL:
PIPE CONNECTORS AND VALVES (I thru III)

FLEXIBLE CONNECTORS (AT ENDS OF PIPING)

TANK CORROSION PROTECTION (I thru III)

CATHODIC PROTECTION - FACTORY INSTALLATION, CATHODIC PROTECTION - FIELD INSTALLATION

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: 10/01/1998
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: BALANCE SYSTEM OR ASSIST SYSTEM TYPE
STAGE 2 EQUIPMENT INSTALL DATE: 01/01/1999
TANK TESTED?: NO
INSTALLER NAME:



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: **3** TANK STATUS: **REMOVED FROM GROUND**
INSTALL DATE: **01/01/1979** STATUS DATE: **06/02/2008**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **6000 GALLONS** SUBSTANCE STORED: **DIESEL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

TYPE OF PIPING: **SUCTION**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**

TANK MATERIAL: **STEEL**

OTHER TANK MATERIAL:

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

OTHER PIPE MATERIAL:

PIPE CONECTORS AND VALVES (I thru III)

FLEXIBLE CONNECTORS (AT ENDS OF PIPING)

TANK CORROSSION PROTECTION (I thru III)

CATHODIC PROTECTION - FIELD INSTALLATION, CATHODIC PROTECTION - FACTORY 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: **10/01/1998**

STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS:

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

TANK TESTED ? : **NO**

INSTALLER NAME:

UNIT ID: **00105789** TANK ID: **1** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C, GROUNDWATER MONITORING

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

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

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

UNIT ID: **00105790** TANK ID: **2** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

GROUNDWATER MONITORING, SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

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

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

UNIT ID: **00105791** TANK ID: **3** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

GROUNDWATER MONITORING, SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

SIR (STATISTICAL INVENTORY RECONCILIATION) & INVENTORY C

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

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

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



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PETROLEUM STORAGE TANKS (PST)

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 3

Distance from Property: 0.24 mi. SW

FACILITY INFORMATION

LPST ID#: **112985** FACILITY ID#: **0039978**

REPORTED DATE: **2/20/1998**

NAME: **LITTLE PAIR 2**

ADDRESS: **1341 HWY 124**

HIGH ISLAND

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: **01/01/1979** STATUS(DATE): **IN USE (NOT REPORTED)**

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

TANK MATERIAL/CONTAINMENT: **STEEL / 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: **CATHODIC PROTECTION - FIELD INSTALLATION / FRP TANK OR PIPING (NONCORRODIBLE)**

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

PRP INFORMATION

NAME: **TRI CON INC**

ADDRESS: **PO BOX 20555**

BEAUMONT, TX 77720-0555

CONTACT: **ELIAS SARKIS**

PHONE: **409-835-2237**



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TIER I | CHEMICAL REPORTING PROGRAM (TIERII)

MAP ID# 4

Distance from Property: 0.36 mi. S

SITE INFORMATION

UNIQUE ID: 48ZRG100YREN

SITE ID: FATR200648ZRG100YREN

NAME: HIGH ISLAND ELEVATED PLANT

ADDRESS: 1265 HWY 124

HIGH ISLAND, TX 77623

SIGNED DATE: 2-23-2007

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: P.O. BOX 1398

CRYSTAL BEACH, TX 77650

SITE DETAILS

CHEMICAL LOCATION: TANK UNDER GENERATOR

CHEMICAL AMOUNT: 300 GALLONS

CHEMICAL LOCATION: TOTE BIN

CHEMICAL AMOUNT: 330 GALLONS

CHEMICAL LOCATION: CHLORINE ROOM

CHEMICAL AMOUNT: 2400 POUNDS

CHEMICAL LOCATION: CONCRETE ENCASED STORAGE TANK

CHEMICAL AMOUNT: 750 GALLONS

CHEMICAL LOCATION: BULK STORAGE TANK

CHEMICAL AMOUNT: 500 GALLONS

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: 2400 POUNDS

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

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: DIESEL FUEL

MAXIMUM AMOUNT: 6101 GALLONS

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

PURE: NOT REPORTED MIXTURE: YES

CHEMICAL NAME: AMMONIUM SULFATE

MAXIMUM AMOUNT: 8034 GALLONS

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

PURE: NOT REPORTED MIXTURE: YES



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CLOSED & ABANDONED LANDFILL INVENTORY (CALF)

MAP ID# 5

Distance from Property: 0.47 mi. SW

SITE INFORMATION

ID: 1041

DATE OPEN: 0

SITE NAME: HIGH ISLAND

DATE CLOSED: 0

LOCATION: .25MI W OF CEMETARY ON 5TH, HIGH ISLAND

SIZE (ACRES): 1

COMMENTS

BURNING DUMP; IDENTIFIED IN LIST OF GALVESTON COUNTY SITES DATED 4/66



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TIER I I CHEMICAL REPORTING PROGRAM (TIERII)

MAP ID# 6

Distance from Property: 0.49 mi. NW

SITE INFORMATION

UNIQUE ID: 48ZRLF016Z8T

SITE ID: FATR200648ZRLF016Z8T

NAME: HIGH ISLAND GROUND STORAGE PLANT

ADDRESS: 1957 GUIDRY RD

HIGH ISLAND, TX 77623

SIGNED DATE: 2-23-2007

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: P.O. BOX 1398

CRYSTAL BEACH, TX 77650

SITE DETAILS

CHEMICAL LOCATION: CHLORINE ROOM

CHEMICAL AMOUNT: 900 POUNDS

CHEMICAL LOCATION: BULK STORAGE TANK

CHEMICAL AMOUNT: 500 GALLONS

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: 900 POUNDS

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

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: AMMONIUM SULFATE

MAXIMUM AMOUNT: 5022 GALLONS

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

PURE: NOT REPORTED MIXTURE: YES



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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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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 (7/2008)

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 (12/2007)

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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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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ENVIRONMENTAL RECORDS DEFINITIONS - TRIBAL

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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