

Draft Environmental Assessment

Justice Center Temporary Community Housing Site

Galveston, Galveston County Texas

FEMA-1791-DR-TX

January 2, 2009



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
Justice Center Temporary Community Housing Site
Galveston Island, Galveston Texas
Hurricane Ike
FEMA-1791 DR -TX**

A. Introduction

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

This Draft Environmental Assessment (Draft EA) has been prepared in compliance with the National Environmental Policy Act of 1969 (NEPA); the President's Council on Environmental Quality regulations implementing NEPA (40 CFR 1500-1508); and FEMA's regulations implementing NEPA (44 CFR 10.9). The purpose of this Draft EA is to analyze potential environmental impacts of the proposed temporary community housing site named "Justice Center." FEMA will use the findings in this Draft EA to determine whether to prepare an Environmental Impact Statement (EIS) or issue a Finding of No Significant Impact (FONSI).

B. Purpose and Need

Catastrophic damage from Hurricane Ike has resulted in an extraordinary demand for housing assistance in Galveston County. The purpose of this action is to fulfill FEMA's mandate under the Individual and Households Program to expeditiously provide temporary housing for eligible disaster victims. As of Jan. 2, 2009 about 72,000 requests for federal assistance have been received for Galveston County and of these requests, approximately 766 (total Pre-Placement Interviews) are for temporary housing assistance (FEMA Individual Assistance Program Summary Report January 1, 2009). The estimated number of applications for direct housing assistance that warrant provision of a manufactured housing unit on an available private, commercial park or community site location, is 904 for Galveston County (FEMA Individual Assistance Program Manufactured Housing Activity Report December 31, 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 approximately 164 applicants still will remain in need of direct housing, thus supporting the need to develop a temporary community housing site, hereafter "community site."

C. Environmental Review Process

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

The scope of FEMA's environmental review includes evaluating project alternatives, characterizing the affected environment, identifying potential environmental impacts, and outlining ways to reduce or minimize adverse affects. This Draft EA examines the site-specific environmental impacts associated with building a proposed FEMA community housing site on 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 site, and environmental/cultural resource sensitivities. FEMA continues to evaluate alternative sites in Galveston County, and other counties within coastal southeast Texas. Although various alternatives have been and continue to be identified, the extraordinary amount of needed housing have limited this Draft EA to analysis of one suitable site alternative at this time. The Justice Center site was selected for further analysis because it meets the basic site feasibility and selection criteria.

Alternative 1- No Action Alternative

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

Alternative 2 – Develop the Justice Center 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, Texas. Disaster victims would be temporarily relocated to the site with an expected occupancy up to 24 months while they resolve their permanent housing solution.

Project Location and Site Description

The proposed project would develop a community mobile home site with all infrastructure including roads and utilities and installation of approximately 120 mobile homes on this site located just south of the Justice Center complex on Galveston Island, in Galveston County, Texas. The proposed site is bordered on the north by the Justice Center complex, on the south by I-45/87 also know as Broadway, on the east by 59th St. and west by 54th St. The site is located in Galveston about 30 miles south of Houston.

The site consists of approximately 17 acres of land, and is characterized by cleared land with little to no vegetation. . The site was formerly utilized as a commercial and industrial area. All of the debris has been removed but several trucks and other pieces of equipment remain in the northwest portion of the property. Historically the property supported equipment and warehouses for packaging and transporting cotton. Rail lines extended onto the property.

Project Description

The project description is based on the site preliminary design completed on December 4, 2008 (CH2MHill). The proposed action would involve the construction of a mobile home community site (hereafter “community site”) which would accommodate approximately 120 units (see Appendix 1 for preliminary site design). At this time, occupancy is not expected to exceed 24 months. In a letter dated November 13, 2008, the City Manager indicated that the community site is approved for development.

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

- Site preparation would include minimal clearing, grading, and removal of debris.
- Electrical services would be above ground and connected to existing utilities from Ball Street.
- Potable water will be connected below ground to a water main located along Ball Street. New lines and hydrants will be installed on the property for all units.
- A gravity flow sanitary sewer system will collect and transport effluent to an existing utility line. The tie-in to local sewer is located along Ball Street.
- Access to the Park is planned from Ball Street.
- Stormwater drainage will be accommodated by design.
- Interior roadways and pads would be constructed of asphalt.
- 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.
- Fencing as appropriate for safety will be provided.

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

E. Affected Environment and Environmental Consequences

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

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

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

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

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

Alternative 1- No Action Alternative

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

Alternative 2 - Develop the Justice Center Site with Mobile Homes (Proposed Action)

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

Table 1. Affected Environment and Environmental Consequences Matrix.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Geology and Soils	X				There are no prime and unique farmlands on the project site and the site is located in an urban center. 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 Zone AE inside the 100-year floodplain per the FEMA Flood Insurance Rate Map 4854690022 E revised 12/06/02 and must be considered through the 8-step process.	8-Step Process	Compliance with the Eight Step process prepared for Galveston Island signed on December 15, 2008
Wetlands (Executive Order 11990)	X				No wetlands were observed at the project site during the field reconnaissance. No wetlands were shown on the USFWS National Wetland Inventory (NWI) maps. No impacts to wetlands are anticipated.	None.	None.
Coastal Zone Management	X				Project site is located within the boundaries of the Coastal Zone, but temporary residential site development and occupancy has been determined consistent with the State's coastal zone management plan.	Notification to the Texas Coastal Coordination Council and letter of concurrence dated 11/03/08.	
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).	Stormwater permits to be obtained by construction contractor.	Contractor to implement requirements of stormwater permit. These include Best Management Practices such as installation of silt fences, straw bales, etc. to reduce sedimentation. If fill is stored on site, the contractor would be required to cover it appropriately.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
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 project site is primarily bare ground and concrete with sparse grass.	None.	Once the temporary housing need has ended, the site would be seeded and restored to previous conditions to the extent practical and/or used by the landowner in a manner consistent with local zoning.
Threatened and Endangered Species (Endangered Species Act, Section 7)	X				No threatened or endangered species or designated critical habitat occurs at the site. No effect is anticipated to threatened or endangered species or their habitat as a result of site development and occupancy.	The USFWS has been notified of this proposed action and the lack of endangered species and habitat, USFWS letter of 11/17/08 concurred.	None.
Cultural Resources (National Historic Preservation Act, Section 106)		X			SHPO has determined that, due to the cotton presses nearby, this site is Eligible for listing in the National Register of Historic Places under Criterion A for and Agriculture at the local level of significances. However, the proposed undertaking will have No Adverse Effect. See Section F	SHPO concurrence letter 11/20/08 and a subsequent memo dated 12/05/08.	Fencing shall be erected around the temporary housing site to protect historic cotton compresses structures from construction activities and prevent access for the duration of the site's use as temporary housing.
Socioeconomics	X				Site occupancy is expected to be about 300 people (120 units x estimated 2.5 people per unit] maximum. It is expected the site residents are currently displaced residents of Galveston County/City. See Section F.	On November 13, 2008 the City issued a formal letter of no objection for the establishment of the Justice Center temporary community housing site.	None.

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
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 railroads or major highways in close proximity to the proposed site. The site is near the airport but measured noise levels are anticipated to remain below 65 decibels and therefore acceptable. During the construction period residents immediately adjacent to the project site may temporarily experience elevated ambient noise levels. Due to the urgency of the situation, construction may occur on a 24-hour schedule until the site is completed. Construction noise impacts would be short-term and limited to the duration of construction activities.	None.	If necessary, the following noise reduction measures should be considered: (1) restricting the 24-hour schedule to the first two weeks of construction; (2) using a 7 a.m. to 7 p.m. construction schedule; (3) completing construction closest to adjoining residents first; and (4) completing noisier activities during the day if a 24-hour schedule is used.
Safety and Security	X				No site safety or security concerns were observed during site reconnaissance.	None.	The contractor would post appropriate signage and fencing to minimize potential adverse public safety concerns, including placing fencing around the site perimeter. Appropriate signage and barriers should be in place prior to construction activities in order to alert pedestrians and motorists of project activities and traffic pattern changes.
Hazardous Materials and Toxic Wastes	X				A Phase I Environmental Site Assessment has been completed through direct field observation and review of existing records and databases for potential site or adjacent site hazardous materials contamination. While 22 records were noted within .5 miles of the site, no significant environmental conditions were observed during fieldwork or noted during research. .See Section F. A Phase II study investigating soil contaminants was conducted and a comprehensive report received 12/20/08 stating that contaminants are present but within state acceptable levels for land use but with concerns for groundwater due to previous land use.	GeoSearch Report #784 dated 11/10/08 and Texas Railroad Commission website search for oil and gas pipelines. Phase II report prepared by PBS&J dated 12/19/08. Memo from TCEQ agreeing soil test results are within state limits for short and long term exposure.	None

Resource Area	Impact Intensity				Impact Summary	Agency Coordination / Permits	Mitigation
	Negligible	Minor	Moderate	Major			
Traffic and Transportation	X				Traffic volumes on the local road network in the immediate project area would increase during construction and occupancy. The existing infrastructure would be able to accommodate these increases without impacting local traffic patterns.	None.	None.

F. Additional Impact Analysis

Cultural Resources

The area was recently used as a debris staging area for Hurricane Ike debris and is presently a vacant graded lot. The area has been heavily impacted by the removal of buildings (indicated on USGS topography maps) and use as a debris site.

On November 11, 2008, FEMA Historic Preservation Specialist Jodi Lee Carpenter conducted a cultural records file search in the Texas Historical Commission Archaeological Sites Atlas through the Texas State Historic Preservation Office (SHPO). SHPO has determined that, due to the cotton compresses nearby, this site is Eligible for listing in the National Register of Historic Places under Criterion A for and Agriculture at the local level of significances. However, the undertaking will have No Adverse Effect. Per a Memorandum dated December 5, 2008, fencing shall be erected around the temporary housing site to protect historic cotton compresses structures from construction activities and prevent access for the duration of the site's use as temporary housing.

Socioeconomics

The project site is located in the 77551 zip code. According to the 2000 Census, zip code 77551 had 20,997 residents, and 9073 housing units. The median household income was estimated at about \$34,318 (based on 1999 dollars) (Census 2000). The primary employment sectors were management and professional, sales and office, and service. According to the 2000 census, about 3.9 percent of the zip code's civilian labor force is unemployed (Census 2000).

With the establishment of the site, up to approximately 300 residents would be temporarily relocating to the Justice Center area (120 units x estimated 2.5 people per unit), most of which are anticipated to be island residents before the disaster. The local community is aware of this action and would experience an increase in the need for public services, such as schools, fire and police services, child care, and medical services. However, the demand for public and commercial services is not expected to be greater than the pre-hurricane demand and potential impacts would be minimal.

Environmental Justice

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

The population within the 77551 zip code is comprised of about 15.8 percent African American, 68.4 percent Caucasian, and approximately 13.6 percent of the families are living below the poverty level (Table 2) (Census 2000).

Table 2: Minority and Low Income Populations Summary Statistics

Subject	City%	County%	Texas%
Demographics			
Caucasian	57.8	72.7	71.0
African American	25.5	15.4	11.5
Other	13.0	9.8	16.1
Families below poverty	17.8	10.1	12.0

Source: U.S. Census Bureau, Census 2000

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

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

Hazardous Materials and Wastes

A database review of reported hazardous materials, contaminated sites and generators; and records review with the Texas Commission on Environmental Quality, yielded no known on-site or nearby location concerns related to historical contamination (GeoSearch, 11/10/08). No environmental conditions; such as distressed vegetation and historical soil contamination were observed during field reconnaissance. All of the 22 records noted within .5 miles of the site had been reconciled and not considered a threat. A search of the Texas Railroad Commission website noted no oil or gas lines nearby.

A Phase II extensive soil contaminant study was conducted due to concerns about previous land uses. The test results for surface contaminants indicate soil contaminants are within state acceptable levels for short and long term exposure, and this was collaborated in the memo from the Texas Commission on Environmental Quality dated December 29, 2008.

G. Cumulative Impacts

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

H. Public Involvement

Public involvement is being performed in compliance with NEPA, FEMA's regulations implementing NEPA at 44 CFR 10.9(c), and Executive Orders 12898, 11988, and 11990. A Public Notice will be published in *Galveston Daily* beginning on **Jan. 3, 2008**. Due to the emergency nature of this action, the public comment period will be brief – the three-day comment period will end on **Jan 5, 2008**. Written comments on the Draft EA and Finding of No Significant Impact (FONSI) can be faxed to FEMA's Joint Field Office in Austin at (512) 465-3764; or sent via email to FEMA-DR1791-

Environmental@dhs.gov. When responding by email, enter the project name, “**Temporary Housing – Justice Center Community Site**” in the subject field. Verbal comments will be accepted between 8 a.m. and 5 p.m. at (866) 568-1260 or TTY 1-800-462-7585 for the hearing- or speech-impaired. The Environmental Assessment can be viewed and downloaded from FEMA’s website at <http://www.fema.gov/plan/ehp/envdocuments/ea-region6.shtm>. The Draft EA is also available for public review at the Galveston Island Disaster Recovery Center (DRC) located at the Galveston Island Community Center at 4700 Broadway, Galveston, TX, 77551. The DRC hours are Monday through Saturday, 9 a.m. to 5:30 p.m. The Draft EA is also available for review at the Rosenberg Library, 2310 Sealy Ave., Galveston, TX, 77550. The library hours are Tuesday through Saturday, 9 a.m. to 6 p.m.

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

I. Conclusion

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

Figure 1: Regional Map



Figure 2: Local Map

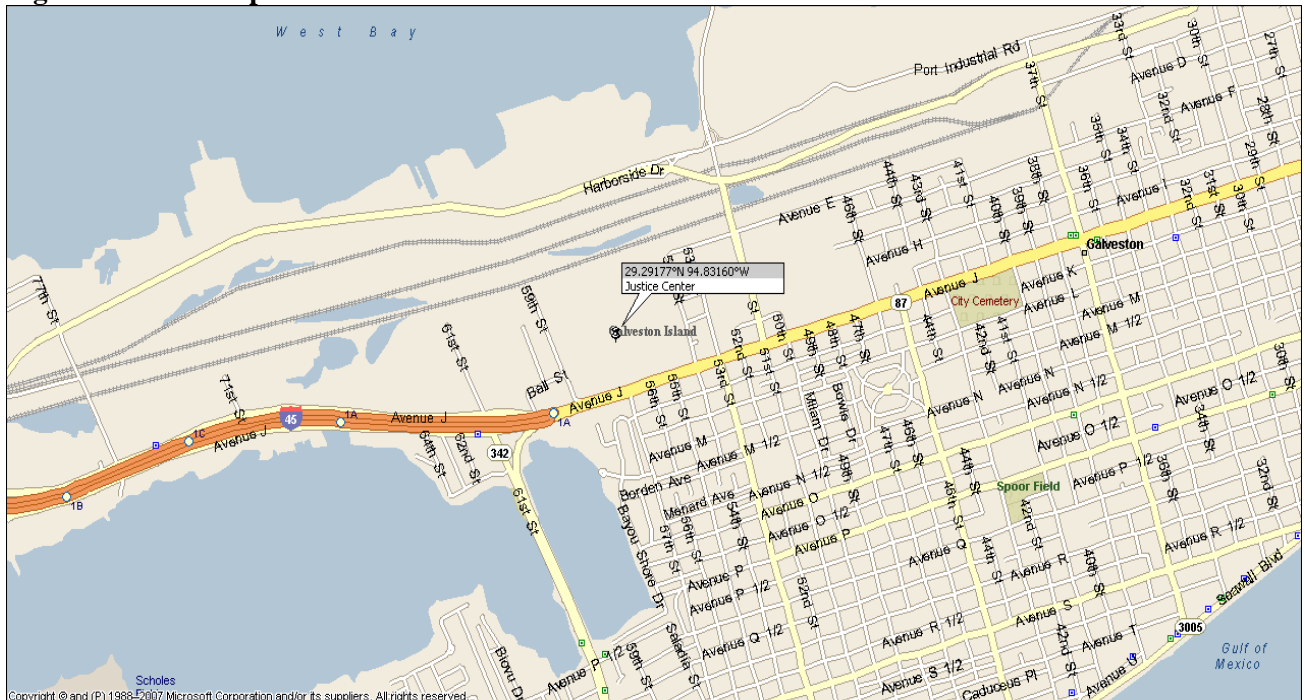


Figure 3: Aerial image



Figure 4: Site View



Figure 5. Coastal Zone Map

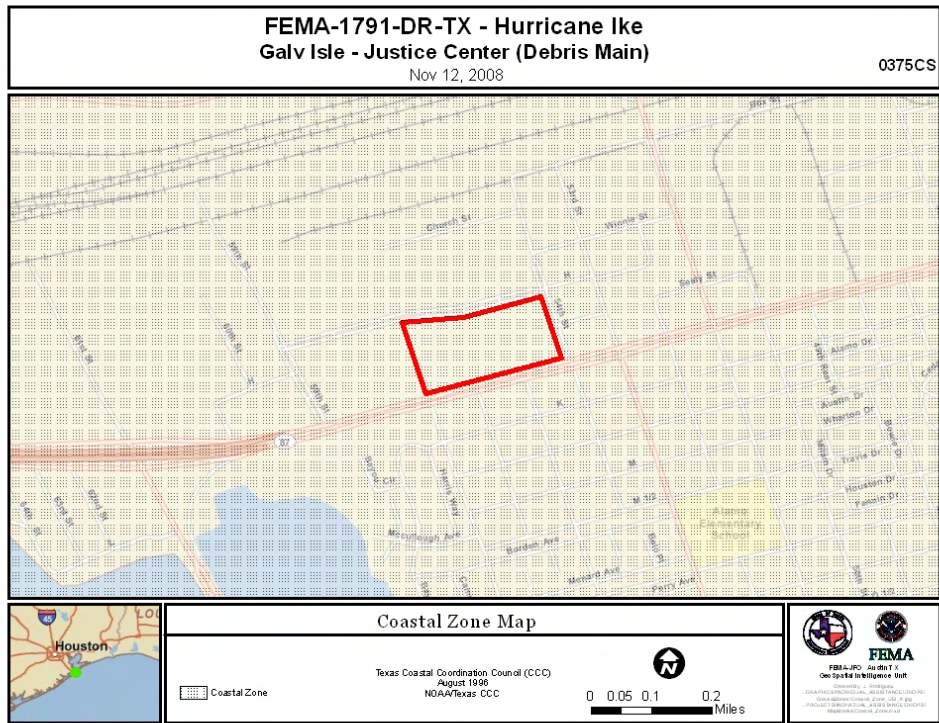


Figure 6. Flood Zone Map

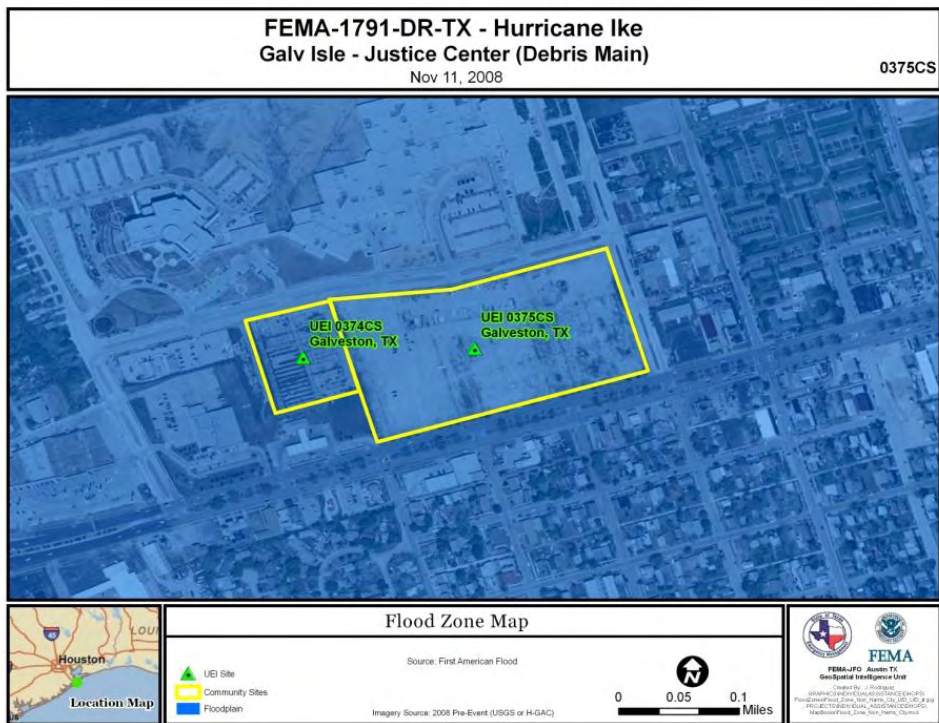


Figure 7. Watershed Map

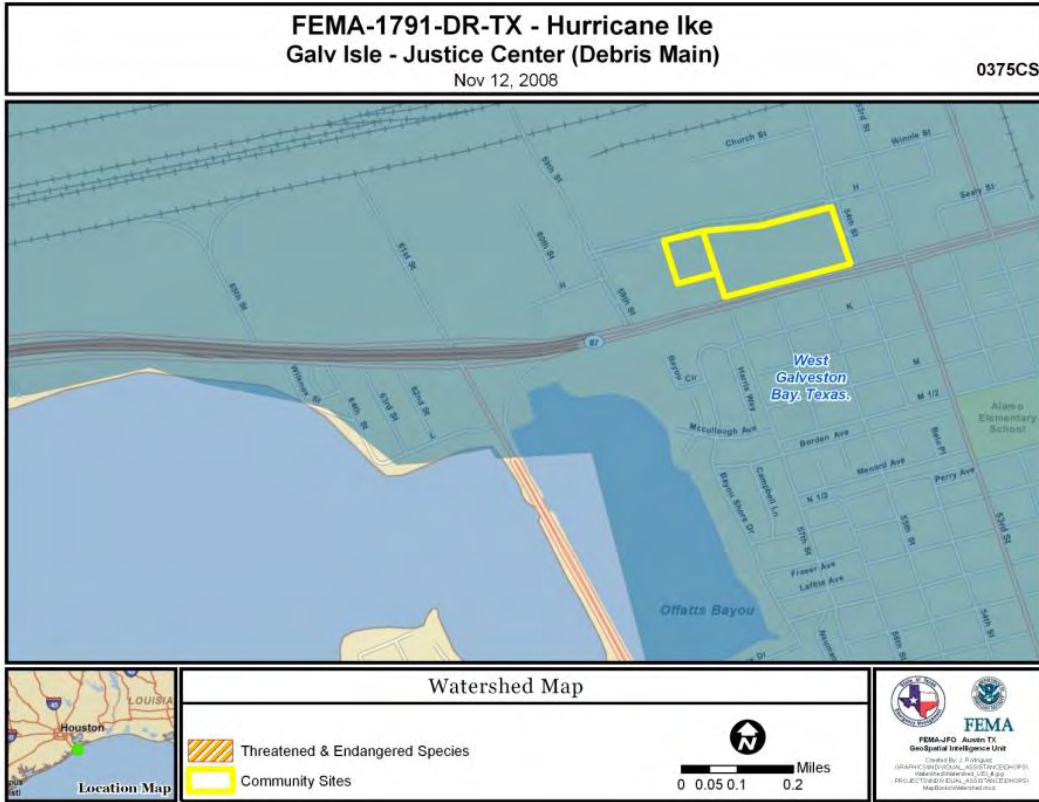
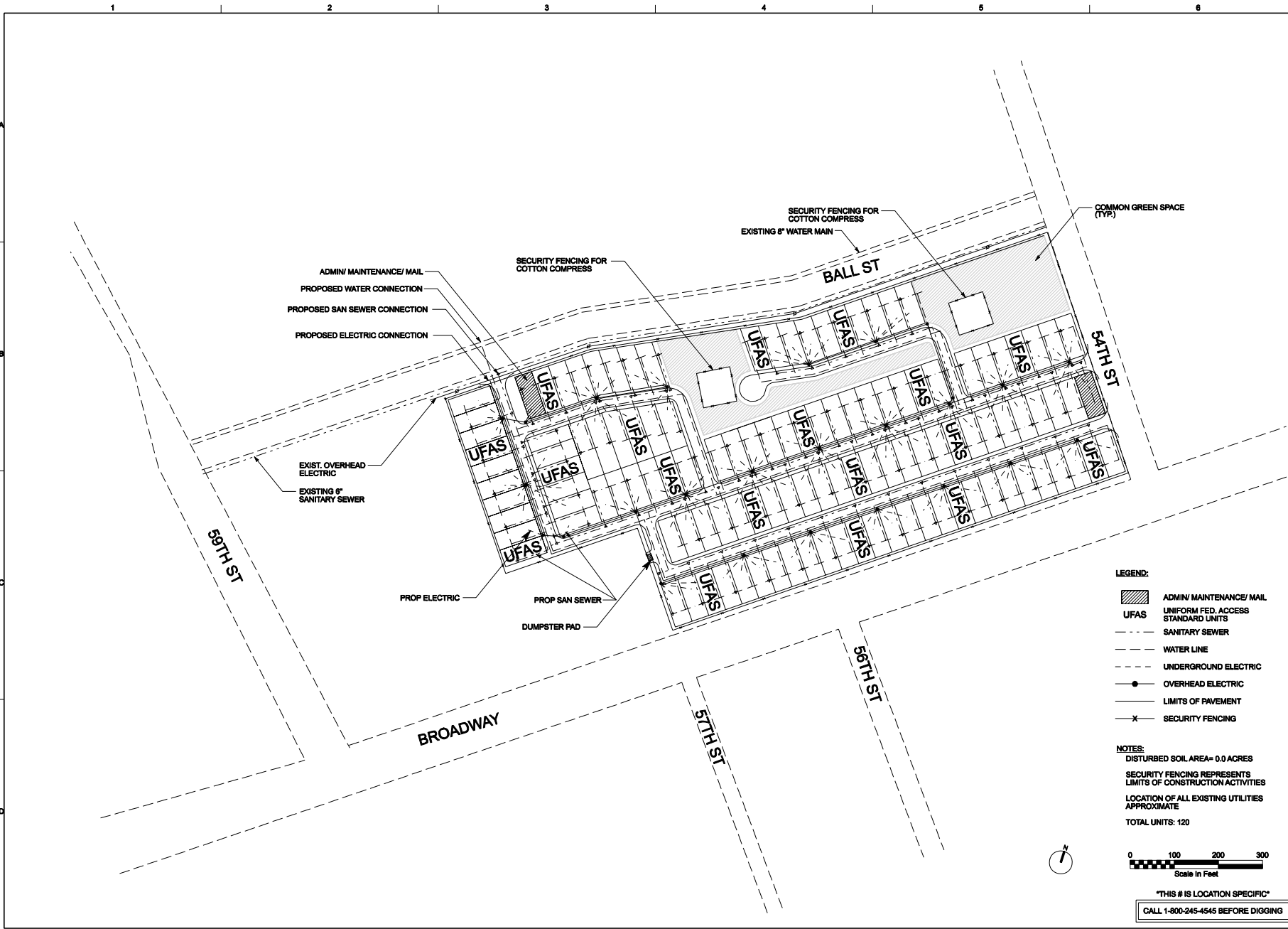


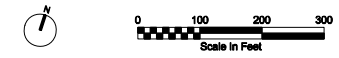
Figure 8. Site Layout



- LEGEND:**
- ADMIN/ MAINTENANCE/ MAIL
 - UNIFORM FED. ACCESS STANDARD UNITS
 - SANITARY SEWER
 - WATER LINE
 - UNDERGROUND ELECTRIC
 - OVERHEAD ELECTRIC
 - LIMITS OF PAVEMENT
 - SECURITY FENCING

NOTES:

- DISTURBED SOIL AREA= 0.0 ACRES
- SECURITY FENCING REPRESENTS LIMITS OF CONSTRUCTION ACTIVITIES
- LOCATION OF ALL EXISTING UTILITIES APPROXIMATE
- TOTAL UNITS: 120



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

PRELIMINARY
 THIS DOCUMENT IS PRELIMINARY AND IS NOT TO BE USED FOR THE PURPOSES OF INTERIM REVIEW UNDER THE AUTHORITY OF THE STATE OF TEXAS PER TITLE 19, CHAPTER 171, SUBCHAPTER C, SECTION 171.009, TEXAS NATURAL RESOURCES CODE. THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION.

NO.	DATE	DESCRIPTION	BY	DATE	APPROVED BY
1	08/28/2018	DESIGN	DR	08/28/2018	AP/VD

7800 WEST TRAVELL ROAD
 HOUSTON, TEXAS 77060
 SUITE 1000
 P.O. BOX 173822

COMMUNITY SITE
 TEMPORARY HOUSING
 FEMA

CH2MHILL

CIVIL
 WEST JUSTICE CENTER
 OVERALL SITE LAYOUT
 ATTACHMENT A

DATE	PROJ.	DWG.	SHEET

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

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: UEI 0375 Justice Center Community Site

Project Location: The proposed community housing site is a 17-acre level lot bounded by Broadway Street to the south, 59th Street to the west, and Avenue H to the north, and 54th Street to the east. Adjacent to the lot are a gas station, post office, Galveston County Courthouse/Justice Center, and vacant land. Two large cotton presses are located near the northern edge of the site and are eligible for listing in the National Register of Historic Places. A portion of the land was recently used a reduction site for debris after Hurricane Ike and is currently being restored to former condition. The lot is on heavily trafficked streets. Soils are sandy interspersed with asphalt and debris remnants. Latitude/longitude 29.29177N / -94.83160W

Project Description: To construct and operate a mobile home community consisting of approximately 120 mobile homes on 17 acres in downtown Galveston. Electrical services would be above ground and connected to existing utilities from overhead distribution lines. Potable water will be connected below ground to a nearby municipal water main. There are hydrants near the property. The water is supplied and operated by Galveston County Water Control Improvement District (GCWCID). A gravity flow sanitary sewer system will collect and transport effluent to an existing utility line. The tie-in to local sewer is located along Avenue H. Access to the community site is available from Avenue H. Safety and security may be supplied by Federal, State or local governments.

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

Reviewer and Approvals

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


Prepared by:

Don Pitts, USACE, NEPA Officer

Signature  Date 2 JAN 09

FEMA Environmental Reviewer:

Name: Adam Stephenson, FEMA Environmental Planner

Signature  Date 1/2/09

FEMA Regional Environmental Officer or Delegated Approving Official:

Name: Cathy Ambler, Environmental Advisor

Signature  Date 1/2/2009

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)**

ARCHAEOLOGICAL 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

- 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:

UEI 374 Justice Center meets Part III-B of the FEMA-1791-DR-TX Disaster Specific Agreement between the Texas State Historic Commission and FEMA dated September 30, 2008. The Texas Historic Commission Archeological Sites Atlas was searched on November 11, 2008 which indicated no historic properties were listed in the APE. Site and data inspections were conducted by Jody Lee Carpenter on November 11, 2008 resulting in a finding of no archeological or historical resources noted on the property. SHPO found no effect resulting from proposed development with condition that FEMA will provide fencing to protect the historic cotton presses.

Correspondence/Consultation/References:

- 1) NHPA effect determinations made by Jodi Lee Carpenter, meeting the Secretary of the Interior Standards for Archaeology and Historic Preservation
- 2) SHPO finding of no effect with conditions, letter dated 11/20/08

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. The entire site consists entirely of disturbed land within developed commercial and residential property, on Galveston Island Texas.

Correspondence/Consultation/References:

Field observations during site visit on 12/07/08 by Judy McClendon USACE and 11/11/2008 by Heath Mclane and Howard Ruben, USACE. USFWS Letter of Concurrence dated 12/04/08.

C. Coastal Barrier Resources Act

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

Comments:

Project is not within a CBRA zone.

Correspondence/Consultation/References:

Texas Coastal Barrier Resource System Maps referenced 12/04/08.

D. Clean Water Act

Record of Environmental Consideration (Version 10/25/2008)

- Project would not affect any waters of the U.S. **(Review Concluded)**
- Project would affect state or federal 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: Neither jurisdictional nor other surface waters occur in or near the project area. There was no visual evidence of obligate plant communities or hydric soils on site.

Correspondence/Consultation/References:

Site visit conducted by Judy McClendon USACE on 12/07/08 and Heath McLane and Howard Ruben on 11/11/2008, collaborated by USFWS National Wetlands Inventory map (<http://www.fws.gov/nwi/>) queried on 11/11/2008.

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: Site does not contain or exist in any CNRA habitats and does not require consistency determination (Tammy Brooks, Consistency Review Coordinator Coastal Protection Division Texas General Land Office 11/3/08)

Correspondence/Consultation/References: Site inspections on 11/07/08 and 11/11/08, and GIS CZMA map collaborate this finding.

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:

No streams or water bodies are located in the project. Construction of the housing site will not cause adverse impacts to any stream or water body outside the project area. Site visit conducted on 12/07/08 by Judy McClendon, USACE and 11/11/2008 by Howard Ruben and Heath McLane

Correspondence/Consultation/References: Site visit findings collaborated by NWI map, USGS topographical map and aerial imagery.

G. Clean Air Act

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

Comments: Galveston County is designated an area of Non-Attainment per the US Environmental Protection Agency due to 8-hour ozone levels. 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.

Correspondence/Consultation/References: EPA Region 6 Non-attainment Map.

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:

Soils on site are not unique or prime farmland. The project site is developed urbanized city property on Galveston Island, Galveston County.

Correspondence/Consultation/References: Site visit, Heath McLane, USACE. Consultation with Laurie Kiniry, NRCS.

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; however, the construction and utilization of a temporary housing project does not have potential for take. The site has very little value to migratory birds and would not be included in the USFWS migratory bird management program.

Correspondence/Consultation/References: Site Visit on 12/07/08 by Judy McClendon and on 11/11/08 by, Heath McLane and Howard Ruben, USACE, collaborated by aerial imagery.

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.

Correspondence/Consultation/References: Site Visits by Judy McClendon, USACE on 12/07/08 and Howard Ruben and Heath McLane, USACE on 11/11/08, collaborated by NWI map and aerial imagery.

K. Wild and Scenic Rivers Act

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

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

Correspondence/Consultation/References: National Wild and Scenic Rivers

<http://www.nps.gov/rivers/wildriverslist.html>.

L. Other Relevant Laws and Environmental Regulations

None.

II. Compliance Review for Executive Orders

A. E.O. 11988 - Floodplains

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

Comments: The site is located in Zone AE, within the 100 year floodplain.

Correspondence/Consultation/References: FEMA Flood Insurance Rate Map, Community Panel No. 4854690022 E revised 12/6/2002.

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: Neither jurisdictional wetlands or other surface waters of any kind occur in or near the project area. There was no visual evidence of obligate plant communities or hydric soils on site. Site is highly disturbed and was entirely developed for industrial purposes.

Correspondence/Consultation/References: USFWS NWI map accessed on-line 11/11/2008. Field observation from 11/8/2008 site visit Heath McLane and Howard Ruben, USACE, collaborated by site visit by Judy McClendon on 12/07/08.

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 zip code 77551 are:., Caucasian, 68.4%, African American, and 15.8% other. The median household income in 1999 was \$ 34,318 and 13.6 % of families are below poverty level. The demographics of proposed site residents are not available at this time. Implementation of the proposed action would result in beneficial impacts to minority and low income displaced residents by providing equal access to temporary emergency housing, usually within the general area of their pre-disaster places of residences. Although site resident demographics are not part of the occupancy selection criteria, site 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 11/11/2008.

III. Other Environmental Issues

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

Hazardous Materials and Toxic Wastes

Comments: A Hazmat record search indicated 22 HTRW records within ½ mile of the proposed project. Sites identified included underground petroleum storage tanks (PSTs), leaking PSTs, (LPST), industrial waste sites and land fills. All known cases of contamination listed in the HTRW data base search have been remediated. The Texas Railroad Commission Web site provided pipe line identification data. No pipelines were identified within ½ mile of the site.

Numerous HTRW records within ½ mile of the proposed community site and the recent use of the of portions of the area as a deposition center for debris from Hurricane Ike indicated in a Phase II Characterization to confirm the site does not contain contaminated soils. The results from soil and soil water tests were analyzed by FEMA, USACE and finally the Texas Commission on Environmental Quality, who stated that the elements and compounds noted were within state acceptable limits for short and long term exposure. No human health effects would result from the development of this site for temporary housing.

Correspondence/Consultation/References: GeoSearch Report, 11/10/ 08, collaborated by web search by Richard Dabal, HTRW specialist, USACE. Phase II report conducted by PBS&J dated 12/19/2008. Letter from Texas Commission on Environmental Quality dated 12/29/08.

IV. Extraordinary Circumstances

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

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

Yes

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

Comments: None.

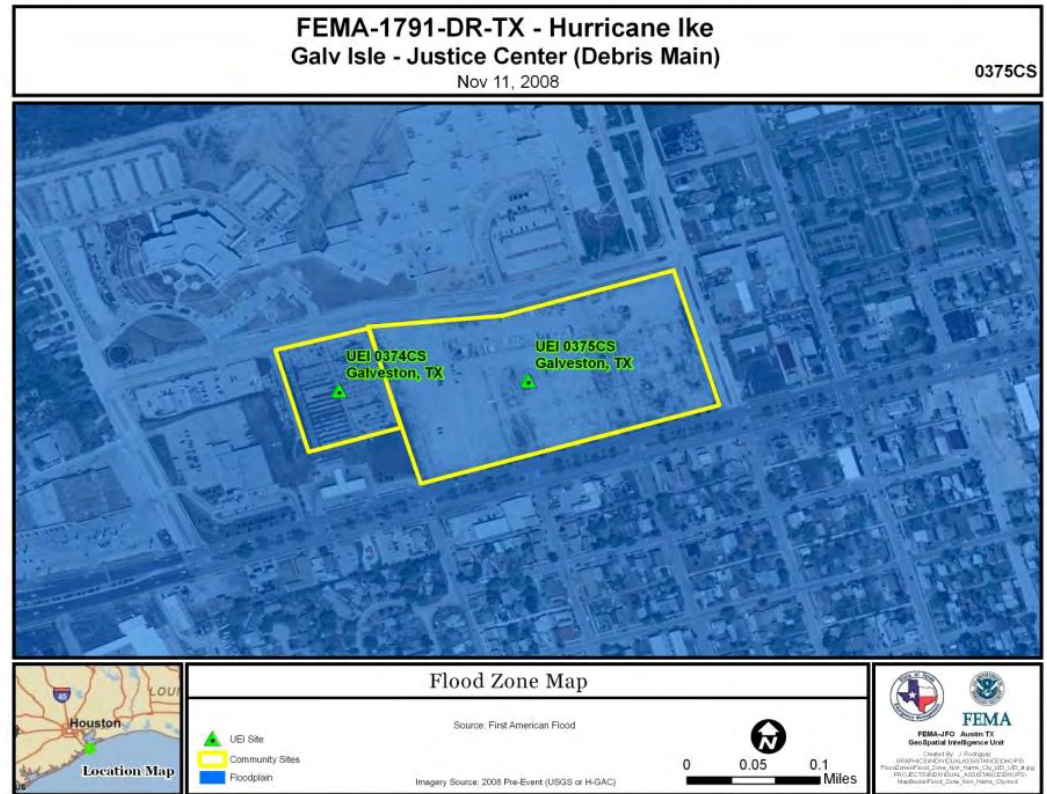
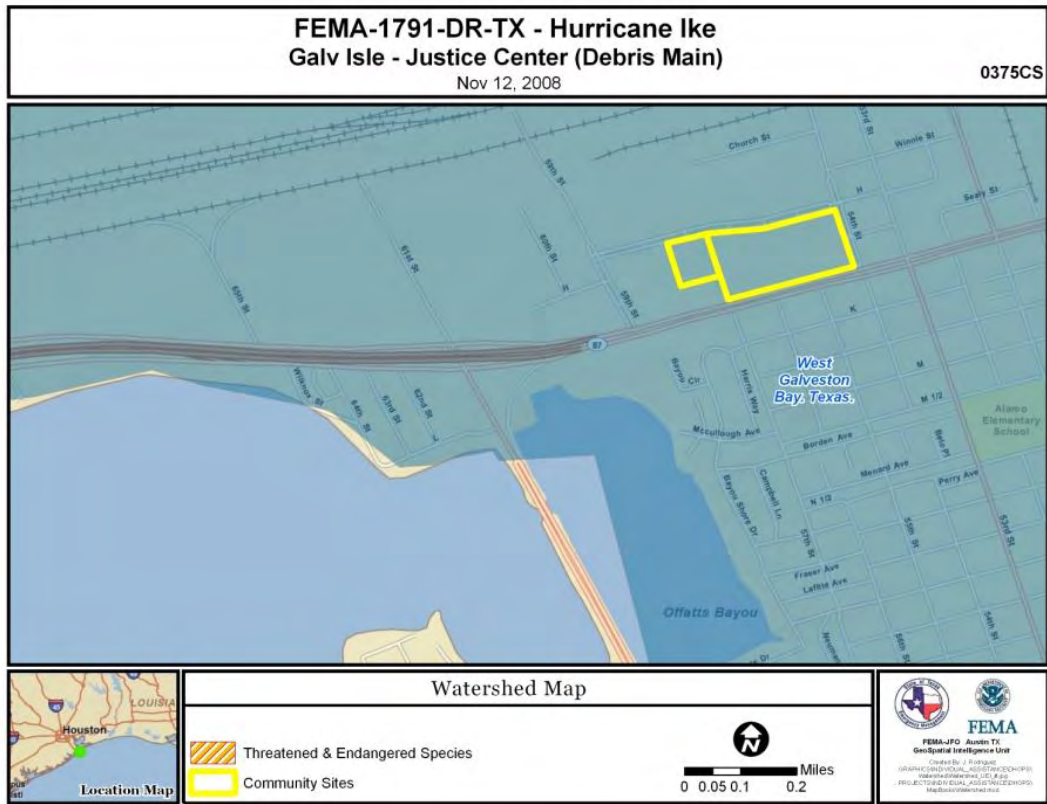
V. Environmental Review Project Conditions

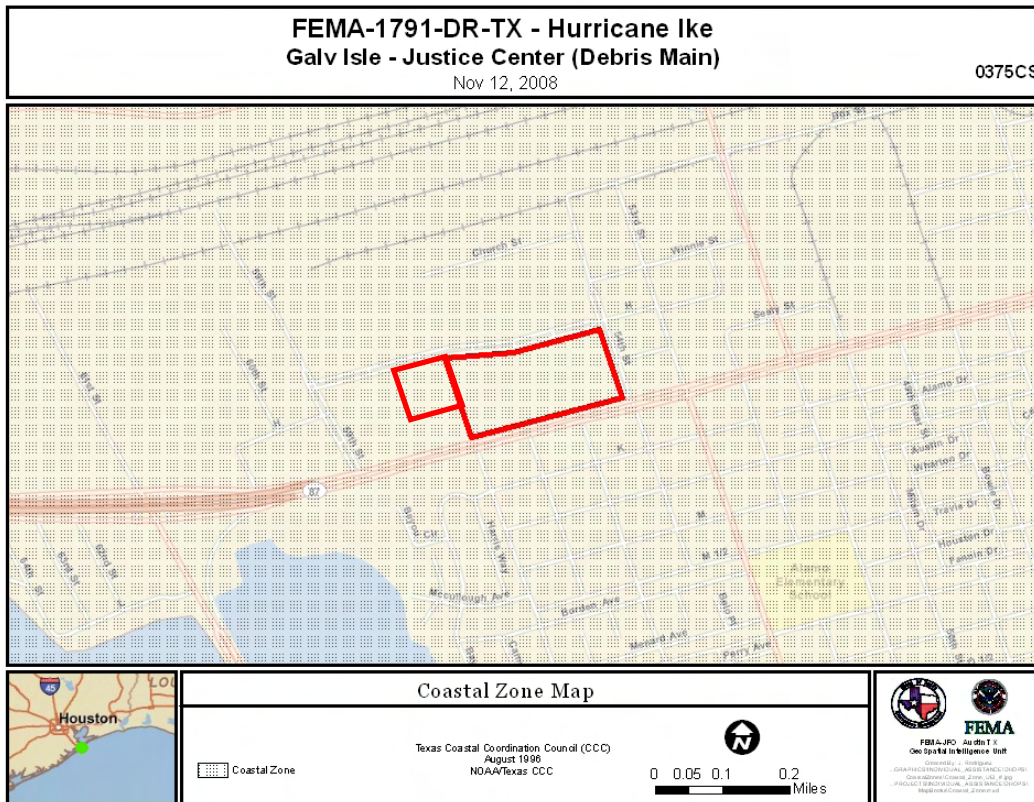
Project Conditions:

- This site is located in the floodplain and must accordingly comply with the minimum requirements of the National Flood Insurance Program as outlined in 44 CFR Part 60. Coordination must be done with the county floodplain administrator to ensure compliance with the NFIP as administered in the local floodplain ordinance, which may be more stringent than the NFIP's minimum requirements, including issuance of appropriate permitting.
- Per 44 CFR 9.11(d)(8), minimization standards, existing flood warning and preparedness plans should be amended in consideration of the proposed action to minimize the effect of floods on human health, safety and welfare. This includes giving special consideration to unique hazard potential such as rapid-rise from a future flood. An evacuation plan that includes written evacuation procedures for the temporary housing site occupants must be prepared, posted and made available to them.
- Area soils shall be covered and/or wetted during construction to minimize dust.
- No permanent building foundations will be installed.
- Utilities are either installed above-ground or if placed below ground trenching is limited to a depth on 4'.
- All fencing will be temporary with a post-depth no greater than 4' and no poured footings permitted.
- 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).
- Guidelines for design and construction shall adhere to the following conditions set forth in above mentioned agreement. No permanent building foundations will be installed. Utilities are either installed above-ground or if placed below ground trenching is limited to a depth on 4'. All fencing will be temporary with a post-depth no greater than 4' and no poured footings permitted.
- Artifacts from the historical cotton industry would be fenced and protected.
- Once the temporary housing need has ended, the site would be seeded and restored to previous conditions to the extent practical and/or used by the landowner in a manner consistent with local zoning.

Location: Justice Center, Galveston Island, Galveston Texas









TEXAS
HISTORICAL
COMMISSION

The State Agency for Historic Preservation

RICK PERRY, GOVERNOR

JOHN L. NAU, III, CHAIRMAN

F. LAWRENCE OAKS, EXECUTIVE DIRECTOR

November 20, 2008

Chelsea Klein, Historic Preservation Specialist
U.S. Department of Homeland Security
Federal Emergency Management Agency
Austin Joint Field Office
6001 Airport Blvd., Suite 200
Austin, TX 78572

*Re: Project review under Section 106 of the National Historic Preservation Act of 1966,
FEMA-1791-DR-TX, Hurricane Ike, Individual Assistance – Proposed Community Site
for Temporary Housing, Justice Center, Avenue H and Broadway at 57th St., Galveston,
Galveston County, Texas (FEMA/106)*

Dear Ms. Klein,

Thank you for your correspondence describing the above referenced project. This letter serves as comment on the proposed undertaking from the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission.

The review staff, led by Linda Henderson and Elizabeth Butman, has completed its review of the material provided, received on November 14, 2008. We do not concur with your determination that there will be no historic properties affected by the proposed undertaking. The two cotton press structures at the proposed Justice Center temporary community housing site are **ELIGIBLE** for listing in the National Register of Historic Places under Criterion A for Industry and Agriculture at the local level of significance. In addition, we have heard of plans to interpret these structures at a later date.

However, the undertaking will have **NO ADVERSE EFFECT** upon these historic resources, provided the following condition is met:

- Fencing shall be erected around each of the cotton compresses sufficient to protect the structures from construction activities and prevent access for the duration of the site's use as temporary housing.

If this condition is met, no further Section 106 coordination with our office will be required for the proposed project.

Thank you for your cooperation in this federal review process, and for your efforts to preserve the irreplaceable heritage of Texas. We look forward to future consultation with your office and hope to maintain a partnership that will foster effective historic preservation. **If you have any questions concerning our review or if we can be of further assistance, please contact Elizabeth Butman at 512/463-7687.**

Sincerely,

A handwritten signature in cursive script that reads "A. Elizabeth Butman".

A. Elizabeth Butman, Forest Region Project Reviewer
For: F. Lawrence Oaks, State Historic Preservation Officer

FLO/eb

Cc: Alecyia Gallaway, Chair, Galveston County Historical Commission



FEMA

December 5, 2008

MEMORANDUM TO FILE Phone Conversation with Linda Henderson Texas Historic Commission

FROM: Kathleen M. Bergeron
 FEMA JFO Historic Preservation Team Lead

SUBJECT: Phone conversation regarding Justice Center Community Site fencing

Per phone conversation at 9:05 a.m. on December 5, 2008 with Linda Henderson, Texas Historical Commission Historian regarding fencing condition around the historic cotton compresses on the Justice Center Community Site, Avenue H and Broadway at 57th Street, Galveston, Galveston County, Texas.

Ms. Bergeron phoned to ask Ms. Henderson if a fence around the perimeter of the community site area instead of fencing around the cotton compresses since the cotton compresses are not located on community site property boundaries. The cotton compresses are located on property not leased/owned by FEMA, therefore FEMA has not access to the cotton compresses. Ms. Henderson stated that the fencing around the perimeter of the community site would meet that condition.

Appendix B

Floodplain Management – 8-Step Determination

**Executive Order 11988 – Floodplain Management
Eight Step Decision Making Process
1791 DR TX Proposed Community Housing Site Development
Galveston Island, Galveston County**

Executive Order 11988 (Floodplain Management) requires federal agencies ‘to avoid to the extent possible the long and short term adverse impacts associated with the occupancy and modification of the floodplain and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative. The Federal Emergency Management Agency’s (FEMA) implementing regulations are at 44 CFR Part 9, which include an eight step decision making process for compliance with this Executive Order. The following consists of the 8 step decision making process for proposed development of temporary community housing sites (e.g. group sites) on Galveston Island.

Background

Hurricane Ike, a Category 2 hurricane with a storm surge above normal high tide levels, moved across the Texas coast on September 13, 2008. President Bush declared a major disaster for the State of Texas due to extensive damages signing a disaster declaration (FEMA-1791-DR-TX) on September 13, 2008, authorizing the Department of Homeland Security’s FEMA to provide federal assistance in designated areas. FEMA administers 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 expeditiously provide emergency and temporary housing for eligible applicants whose homes are uninhabitable or destroyed as a result of the declared event.

Localized catastrophic damage from Hurricane Ike has resulted in an extraordinary demand for housing assistance in Galveston County, and in particular on Galveston Island. To date, about 70,748 requests for Federal assistance have been received for Galveston County, and of these, there are about 15,336 applications (total Pre-Placement Interviews) for temporary housing assistance (FEMA Individual Assistance Program Summary Report 12/2/2008). A significant proportion of this demand will be met by provision of rental assistance for applicants to secure an available unit in Galveston County. Once rental resources are exhausted, FEMA provides direct housing assistance through provision of a manufactured housing unit (mobile home or Park model) which can be placed on a private site, an available pad leased in an existing commercial park or in a FEMA-developed community site. To date, a total of 792 applicants (FEMA Individual Assistance Program Summary Report 12/1/2008) have been confirmed eligible for direct housing assistance countywide. FEMA estimates up to 792 applicants will ultimately need direct housing assistance in Galveston County (FEMA Individual Assistance Program Manufactured Housing Activity Report 12/1/2008). Some of this demand will be met by placing a unit on an applicant’s private site or providing them with a mobile home or Park Model on an available pad leased in a commercial park (573 combined feasible sites as of 12/1/2008). However, once these options are exhausted FEMA anticipates a significant number of applicants still will remain in need of direct housing, thus supporting the need to develop temporary community housing sites, hereafter “community site.” Much of the temporary housing demand is for Galveston Island residents, where there are 213 applicants eligible and approved (P4-Approved, zip 77550, 77551, and 77554 12/3/2008) for direct housing assistance. There are 86 applicants (P8) whereby private and commercial site option have been determined not available or suitable (DARAC Detail Report 12/03/08).

Step 1 Determine whether the proposed action is located in a 100-year floodplain:

The proposed action involves development of community housing sites on Galveston Island to provide temporary housing for island residents that have been displaced by Hurricane Ike. All of Galveston

Island is located in FEMA designated flood zones, mostly Coastal High Hazard or V zone, but there are some areas on the eastern end of the island that are flood zone A (see Figure 1 Galveston Island flood zones).

Step 2 Notify the public at the earliest possible time:

A broad initial public notice of proposed floodplain action in Galveston County was published in the Galveston Daily News on October 19, 2008 (attached). The notice included a 15 day comment period which ended on November 2, 2008. Coordination with the City of Galveston’s floodplain administrator (Wendy O’Donohoe) regarding placement of manufactured housing units in the floodplain relative to the City’s floodplain ordinance was initiated on November 7, 2008

Step 3 Identify and evaluate practicable alternatives:

No Action: While no action on the part of the FEMA may be an option, it would not alleviate the urgent unmet housing needs identified on Galveston Island through FEMA’s registration process. Under this scenario, Galveston Island residents would continue to use their current short term housing solution such as remaining with friends, relatives, or in a hotel; as they resolve their long-term housing solution.

Actions Outside the Floodplain: To help serve the temporary housing needs of Galveston Island FEMA’s DHOPS have been evaluating available rental resources, existing commercial mobile home parks, and locations suitable for development of a community site. As noted above, existing rental resources will be exhausted first off the island followed by lease and installation of a unit in a commercial site not in the floodplain. DHOPS has identified 45 commercial mobile home parks within 25 miles of Galveston Island, which DHOPS has determine is a reasonable commute. As of 12/1/08, a total of 61 pads were determined feasible for unit installation and have been leased for unit installation. Of these commercial parks, 36 are not within a designated flood zone. Seven of the 36 parks were evaluated for potential to expand. The results of this survey are presented in Table 1.

Table 1. Commercial mobile home parks evaluated for potential for expansion

Park Name	City	Distance from Island	Potential pad yield from expansion	Comment
Trinity Gateway MHP	Hitchcock	15 miles	16 pads	
Reef	La Marque	10 miles	14 pads	
Oak MHP	La Marque	10 miles	1 pad	
Dickinson Fiesta MHP	Dickinson	19 miles	0 pad	
Rancho Delray MHP	League City	26 miles	15 pads	Does not want to lease to FEMA
Town Village MHP	League City	26 miles	15 pads	Does not want to lease to FEMA
Baywind MHP	Bacliff	21 miles	0 pad	Does not want to lease to FEMA

Source: CH2MHill assessment 10/8-18/08.

Improvement or expansion of the above existing mobile home parks could yield a total of 31 pads for new leases and installation of FEMA-provided mobile home units.

Furthermore, FEMA’s DHOPS has identified, through GIS data, privately owned land that may be available and generally suitable for community site development within 25 miles of Galveston Island and that are not in the floodplain. A total of 70 land parcels were identified and assessed. Of these parcels, 59 were determined infeasible due to lack of local Government approval, no interest from the land owners or various technical shortfalls which make their use impracticable. Of the 11 remaining sites which have the infrastructure available, it is anticipated that all but one or two will be dropped due to location, local approval and owner reluctance. Even if the one or two remaining properties are later determined feasible, none are closer to the City or Peninsula than Edgewater Park in Bacliff, so they would not influence the outcome of this process. FEMA’s DHOPS has completed land assessments of several sites in coordination with community officials. Table 2 lists sites that have been evaluated and are the highest potential for being developed and are above the floodplain.

Table 2. Community sites identified and assessed for development.

Site Name	City	Distance from Island	Potential No of pads	Comment
Edgewater Park	Bacliff	18 miles	300 pads	Under final design
High Island School Site	High Island	20 miles	85 pads	Under final design
Bayview 1	Bayview	21 miles	40 pads	Under initial design

Although not listed, several sites near Galveston Island have already been eliminated from further consideration because they were determined unsuitable for temporary housing purposes. These sites include two sites in Hitchcock and one site in Santa Fe. Developing the above community sites could yield a total of 425 pads for unit placement.

Action in the Floodplain (Proposed Action): To help serve the temporary housing needs of Galveston Island FEMA’s DHOPS have been evaluating available rental resources on the island and exhausting those first. As noted above, the demand for rental resources outstrips the supply. Thus, on November 5, 2008 the City of Galveston granted a variance to its floodplain ordinance that temporarily allows FEMA to place manufactured housing units in the floodplain, Zone A, without needing to meet the normal elevation requirements. As a result, eligible applicants can have a FEMA-provided mobile home or Park Model placed on their lot, assuming it is a feasible site (an abbreviated 8-step decision making process has been completed for private and commercial site placement in the floodplain). A total of 516 (P4-Approved, zip 77550, 77551, and 77554, FEMA Individual Assistance Program Manufactured Housing Activity Report 12/3/2008) private sites have been considered for unit placement on Galveston Island. Of these only 170 were determined infeasible for unit placement and 63 have been withdrawn (FEMA Individual Assistance Program Manufactured Housing Activity Report 12/3/2008). Because of the small lot sizes, most residential private sites on Galveston Island are infeasible for placement of a mobile home or Park Model. There are no commercial mobile home parks on Galveston Island. Accordingly, at this time there may be up to about 283 Galveston Island applicants in need of direct housing.

Concurrent to identification and feasibility inspection of private sites on Galveston Island as well as off-island efforts, FEMA is identifying and evaluating ‘cluster’ sites (parcels that would accommodate 2 to 6 units). About 33 cluster sites have been identified to date and are in the process of securing approval to install units. FEMA has also worked with local officials to prioritize places on Galveston Island that may

be suitable for temporary community housing site purposes. These community sites would yield a total of 144 pads for unit installation and occupancy. Table 3 lists those sites that are in Flood Zone A.

Table 3. Potential Community Site Locations on Galveston Island.

Site Name	Address	Unit Capacity	Comment
Moody's	Ball to Winnie, 45 th to 46 th	14 pads	Being evaluated
Schreiber Field	83 rd Street & Stewart Road	54 pads	Being evaluated
Port Overflow	Market, Mechanic and 30th	10 pads	Being evaluated
Justice Center West	Broadway, Ave H, & 54th	30 pads	Site requires a Phase II Environmental Site Assessment to evaluate environmental conditions.
Church Street	37 th and 41th	75 pads	Pending ROE

Step 4 Identify impacts of the proposed action associated with occupancy or modification of the floodplain:

Galveston Island's floodplains were fully developed and occupied long before Hurricane Ike made landfall. The City regulates floodplain development through its floodplain ordinance. Floodplain impacts from development of community housing sites on Galveston Island include modification of the floodplain with new construction and occupancy of the sites. While the community housing sites may be new construction, they are temporary with occupancy not to exceed 18 months. Once the temporary housing need has expired, the community sites will be dismantled and units returned to FEMA storage facilities. Only residents that were already living on Galveston Island are eligible for direct housing assistance therein, and thus would be occupying these sites. Provision of temporary housing on Galveston Island will enable residents that have the means and interest to repair or rebuild their damaged home thereby maintaining community continuity by keeping resident children in the local school district and providing local business with customers and employees. At the same time, the proposed action would facilitate continued long term occupancy of the floodplain. Occupancy of the floodplain, notwithstanding requirements of the City of Galveston's floodplain ordinance, means repaired property and residents remain at risk and vulnerable to future flood damage.

Step 5 Design or modify the proposed action to minimize threats to life and property and natural and beneficial floodplain values:

Flood hazard risks are partially minimized as a result of the community sites' temporary occupancy. Community housing sites will be developed in accordance with the City of Galveston's floodplain ordinance variance. While this provides a temporary variance to the normally required mobile home unit elevation requirements, FEMA will be elevating units to the highest level practicable, where it is safe to do so and within the 56" maximum elevation value recommended by mobile home manufacturers for installations. Units will also be strapped down.

To minimize site resident health and safety risks, DHOPS will develop site evacuation plans in the event of flood hazard. These plans should be developed in coordination with the City of Galveston's emergency management officials. Applicants will be notified of the flood risk and site evacuation plan upon unit assignment.

Step 6 Reevaluate the proposed action:

FEMA DHOPS has evaluated the alternatives to developing community housing sites on Galveston Island's floodplain (proposed action) and has determined that there are no practicable alternatives because: 1) all of Galveston Island is designated floodplain; 2) the island was already fully developed and occupied prior to Hurricane Ike's landfall; 3) the island's housing stock incurred significant Hurricane Ike damage; 4) Galveston Island residents have applied for federal housing assistance and would be voluntarily occupying community housing sites; 5) City and County Officials have approved community sites on the island; 6) alternative temporary housing options off the island will not sufficiently achieve the objective to quickly house displaced residents; 7) the community housing sites are temporary; and 8) the short-term benefit of housing displaced residents in a flood hazard zone outweigh the intermediate risks to public safety and the federal investment.

Step 7 Findings and final public notice:

After evaluating alternatives, including impacts and mitigation opportunities, to achieve unmet housing needs on Galveston Island; FEMA has determined developing a limited number of community sites on Galveston Island is the most practicable alternative and intends to proceed. The final notice was published in the *Galveston Daily News* on 10, 2008 for a five day comment period, and all pertinent comments received by the deadline have been considered.

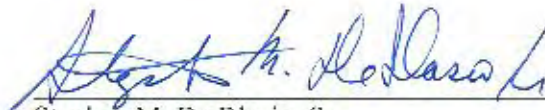
Step 8 Implement the proposed action:

Community temporary housing sites will be implemented in accordance with the above outlined floodplain development requirements and mitigation measures. The applicant will be notified of the flood hazard risk and evacuation plans during unit assignment.




Duke Mazurek
Human Services Branch Director
FEMA-DR-TX-1791

12/15/08
Date



Stephen M. De Blasio, Sr.
Federal Coordinating Officer
FEMA- DR-TX-1791

12/15/08
Date



Donald R. Fairley, REM
Environmental Liaison Officer
FEMA- DR-TX-1791

12/15/08
Date

Appendix C

Hazardous, Toxic, and Radiological Waste Phase II Report

December 19, 2008

Kristy Morten
Environmental Section
U.S. Army Corps of Engineers
2000 Fort Point Rd
Galveston, Texas 77553

Subject: DRAFT Results of Phase II Environmental Site Assessment on vacant land located adjacent to Galveston County Justice Center, Galveston, Texas

Dear Ms. Morten:

PBS&J was contracted by the USACE to conduct a Phase II Environmental Site Assessment (ESA) with regard to the above referenced site. The subject site is approximately 17 acres of vacant land bounded by Avenue H along the north, 54th Street along the east, and Avenue J (Broadway Street) along the south (Figure 1). PBS&J understands that the subject site was most recently used to stage various storm debris collected from Hurricane Ike clean up efforts.

TECHNICAL APPROACH

The objective of this Phase II ESA was to quantify the impacts that may have resulted from the prior use and storage of staged storm debris. The investigation was designed to characterize the nature of potential contaminants and determine if the surface soils have been impacted. This investigation was not designed to delineate the lateral and vertical extent of contamination identified at the site; however, the site characterization may serve as a basis for determining the spatial extent of contaminants. Field and laboratory data collected during the investigation documents the conditions of the surface and near surface soils at the project site. Additionally, a site-specific health and safety and plan was prepared prior to conducting any field activities.

The Phase II ESA consisted of the sampling and analysis of surface and near-surface soils. No ground water sampling was conducted. Soil sampling was performed using a direct push, soil probe sampling system. By using this system, no drill cuttings were produced and sampling was conducted in a timely manner with minor environmental disturbance. Soils were sampled in a uniform, grid-like pattern at 23 locations on approximately 200 foot centers to characterize surface and near surface soils (surface to 4 feet below ground level) (Figure 2). Soil samples were logged and visually screened for potential contaminants.

Surface and near surface soils were characterized by visual observation and chemical analysis. Retrieved soil samples were classified in accordance with the Unified Soil Classification System (USCS) and Munsell Color Chart specifications, and described by a PBS&J geologist. A composite of each 2-foot interval (0 – 2 ft and 2 – 4 ft) was prepared. A portion of the soil composite was retained for chemical analysis and was placed in labeled jars and stored in chilled coolers for delivery to the laboratory.

Based on limited information of site conditions and prior on-site activities, PBS&J prepared a list of potential organic and inorganic constituents of concern (COCs). The list of organic chemical constituents selected included benzene, toluene, ethylbenzene, xylenes (BTEX), pesticides, herbicides, polychlorinated biphenyls, and total petroleum hydrocarbons (TPH). Inorganic constituents included RCRA 8 total metals. Pending laboratory results, additional chemical analysis was performed on select samples which included characterization of hydrocarbons by testing for polycyclic aromatic hydrocarbons (PAHs).

TOPOGRAPHY AND STRATIGRAPHY

The subject property is located on very gently sloping terrain, which drains primarily to the west-northwest. In general, surface runoff is directed onto surface street gutters that parallel Avenues H and J. Surface elevations at the site range from approximately 4 to 5 feet above mean sea level (msl).

Mapping by the Bureau of Economic Geology (BEG) shows the site is situated primarily on an outcrop of Fill, which according to BEG literature consists of dredged material for the purpose of raising the land surface above alluvium and barrier-island deposits. Underlying this fill material is naturally alluvium deposits and/or barrier-island deposits which are composed predominantly of sand, silt, and clay sediments.

Site stratigraphy assessed from the 23 borings consists predominately of a thin layer of construction or pavement material (asphalt, concrete, gravel, sand and/or shell fragments) and underlying native silty sand. The surface unit ranged from approximately one to six feet thick and is characterized as a moderate yellowish brown, very fine-grained, firm, silty sand with an overlying thin (0.5 to 1 ft thick) layer of former building site fill. The underlying silty sand unit became medium gray and wet at depths of approximately 4 to 5 feet below ground surface.

CHEMICAL ANALYSIS

Soil samples collected during the investigation were analyzed for BTEX using Environmental Protection Agency (EPA) Method 8260B, Resource Conservation and Recovery Act (RCRA) (8) total metals using EPA Methods 6010B and 7471, pesticides using EPA Method 8081, herbicides using EPA Method 8151, polychlorinated biphenyls using EPA Method 8082, total petroleum hydrocarbons (TPH) using Texas Commission on Environmental Quality (TCEQ) Method TX1005, volatile organics using 8260B and semi

volatile organics using 8270C. Chemical analyses were performed by Accutest Laboratories, Houston, Texas.

Analytical quality assurance (QA) was provided by the use of EPA-approved analytical methods, adherence to QA/QC protocols established by the analyzing laboratory, and careful examination of the data. Soil duplicates, equipment blanks, and trip blanks were included for QA/QC purposes.

DISCUSSION OF RESULTS

As previously state, the objective of this Phase II assessment is to quantify the impacts that may have resulted from prior uses with the intent to determine if the potential contaminants in the surface soils provide a concern for human health or the environment. To properly evaluate the relative concentrations of organic and inorganic constituents, the analytical results must be compared to established health-based screening levels that consider potential exposure pathways. The following section provides a brief description of this approach.

Regulatory Framework

The Texas Risk Reduction Program (TRRP) provides the corrective action process that is used to address releases of constituents of concern (COCs) to environmental media. Once a release of COCs has been identified and if the release is subject to TRRP, the TCEQ is notified. The TRRP controls the assessment and response actions taken to address the release. In general the TRRP process includes the following steps:

1. An affected property assessment is performed
2. Critical protective concentration limits (PCLs) are determined for each COC
3. A response action is developed/implemented, as necessary

A PCL is the concentration of a COC which can remain in-place and be protective of human health and the environment. In general, the following PCLs apply to the subject site:

- $^{GW}Soil_{ing}$: PCL for surface and subsurface soil to protect groundwater for ingestion (soil to groundwater protection)
- $^{Tot}Soil_{comb}$: PCL for surface soil for combined ingestion, dermal contact, inhalation of volatiles/particulates, and ingestion of vegetables

The TCEQ publishes values for Tier 1 PCLs. For the subject site, the appropriate Tier 1 PCLs will be for a residential land use (non-industrial) with a 30-acre source area. For soils, compliance with the groundwater protection requirements can be demonstrated by either meeting the Tier 1 PCLs published by the TCEQ, or by

performing synthetic precipitation leaching procedure (SPLP) analysis to demonstrate that soils are not leaching COCs at concentrations in excess of the groundwater PCL.

Soil Analytical Results

Table 1 presents a summary of the analytical results for the RCRA 8 metals and total petroleum hydrocarbons. Only the constituents that were detected above the reporting/detection limits are included in the table. Also presented in Table 1 are the Texas Specific Background concentrations for metals and the Tier 1 PCLs for each constituent. The complete laboratory results will be provided as an attachment in the final draft of this report.

As seen in Table 1, arsenic, chromium and lead were detected in all soil samples. Barium was reported in 29 of the 46 soil samples. Selenium was reported in 14 of the 46 samples. Cadmium and mercury were each reported in one sample. None of the metals concentrations exceed the PCL for surface soil ($^{Tot}Soil_{comb}$). However, arsenic, barium, lead, chromium and cadmium were reported in concentrations in excess of the groundwater protection PCL ($^{GW}Soil_{ing}$). Four of the forty-six samples exceeded the groundwater protection PCL ($^{GW}Soil_{ing}$) for at least one of these metals. An SPLP analysis was performed on each of the soil samples to determine if site soils are in compliance with the groundwater protection requirements. The SPLP analysis indicates that only one sample (B-4 (0-2ft)) exceeds the groundwater protection standard. This analysis indicates that arsenic has a concentration of 0.038 mg/l which exceeds the groundwater protection standard ($^{GW}GW_{ing}$) of 0.01 mg/l.

TPH was reported in a total of 13 of the 46 samples. None of the TPH concentration exceed the PCL for surface soil ($^{Tot}Soil_{comb}$). However, hydrocarbons identified within the C12-C28 and C28-C35 range were reported in concentrations in excess of the groundwater protection PCL ($^{GW}Soil_{ing}$). Selected samples were submitted for additional analysis to characterize the hydrocarbon constituents. These results are summarized in Table 2. As the data suggest, none of these individual constituents exceed the groundwater protection PCL ($^{GW}Soil_{ing}$).

Each soil samples was analyzed for BTEX compounds. None of the samples reported a detectable concentration of any of the BTEX compounds.

Each soil sample was analyzed for PCBs. Only one soil sample (Dup-1 (0-2ft)) reported a detectable concentration of any of the components of PCBs. This sample was a duplicate of sample B-5 (0-2ft). PCBs were not detected in the replicate sample. This PCB concentration (0.0289 mg/kg of Aroclor 1260) does not exceed the groundwater protection PCL ($^{GW}Soil_{ing}$) of 11 mg/l.

Each soil sample was analyzed for pesticides. Two samples reported detectable concentrations for pesticides. B-1 (2-4ft) and Dup-3 (2-4ft). Only one constituent, gamma-BHC (Lindane) was reported in a concentration (0.0208 mg/kg) excess of the groundwater protection PCL (^{GW}Soil_{ing}) of 0.0046 mg/kg.

Each soil sample was analyzed for herbicides. None of the soil samples reported a detectable concentration of any of the herbicides.

CONCLUSIONS

A limited surface investigation was performed within the subject property to verify the presence and/or absence of COCs. This investigation assessed the potential impact from previously staged Hurricane Ike storm debris. The potential COCs were identified as BTEX, RCRA (8) total metals, pesticides, herbicides, polychlorinated biphenyls, and TPH. The results of soil analysis have been evaluated using appropriate screening levels established by the TCEQ under the Texas Risk Reduction Program (TRRP).

The results of the investigation indicate minimal but detectable impacts to the project site related to prior activities. These impacts are quantified by detectable concentrations of naturally occurring inorganic metals, one component of PCBs, four pesticide constituents and selected hydrocarbons. However, the vast majority of the reported COCs tested in this assessment either are not of a detectable concentration or are of such a low concentration that there is no apparent risk to human health or the environment. The current concern relates to the presence of arsenic (B-4 (0-2ft)) and gamma-BHC (Lindane) (Dup-3 (2-4) i.e B-17 2-4ft) that exist in a concentration in excess of the critical PCL.

I look forward to discussing the results of these findings and finalizing this report. Please contact us if you have any questions or comments.

Sincerely,

Steve McVey, PG

Xc: Tony Risko, PE

Attachments: Figures 1-2
Laboratory Report – Accutest

TABLE 1
CONSTITUENTS OF CONCERN REPORTED ABOVE LABORATORY DETECTION LIMITS
PHASE II ESA - 17 AC VACANT SITE
GALVESTON, TEXAS

Boring	Lab ID	Units	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	TPH(>C6-C12)	TPH(>C12-C28)	TPH(>C28-C35)
TX-Specific Background		mg/kg	5.9	300	NA	30	15	0.04	0.3	NA	NA	NA
TRRP PCL: ^{GW} Soil _{mg}		mg/kg	2.5	220	0.75	1200	1.5	0.0039	1.1	33	99	99
TRRP PCL: ^{tot} Soil _{comb}		mg/kg	24	7800	52	23000	500	2.1	310	1100	2000	2000
B-1(0-2)	(T24951-4)	mg/kg	10.7	37		5.3	15.3				38.7	54.3
B-1(2-4)	(T24951-5)	mg/kg	5.3	23.1		9.4	15.9				21.3	
B-2(0-2)	(T24951-6)	mg/kg	1.9	21.3		3.8	6.3		0.66		122	168
B-2(2-4)	(T24951-7)	mg/kg	1.2			2.1	1.9					
B-3(0-2)	(T24951-8)	mg/kg	1.9	17.5		3.3	3.5				40.5	50.8
B-3(2-4)	(T24951-9)	mg/kg	2.3			3.3	2.8					
B-4(0-2)	(T24951-10)	mg/kg	11.9	19.1		5.7	6.8		0.82		260	308
B-4(2-4)	(T24951-11)	mg/kg	1.7			1.9	1.9					
B-5(0-2)	(T24951-12)	mg/kg	4.7	24.9		4.3	17.8	0.018			92.4	147
B-5(2-4)	(T24951-13)	mg/kg	1.1	22.9		1.9	2		0.79			
B-6(0-2)	(T24951-14)	mg/kg	1.3	17.6		2.1	2.4					
B-6(2-4)	(T24951-15)	mg/kg	1.5	15.7		9.8	2.3					
B-7(0-2)	(T24951-16)	mg/kg	2.3	20.7		2.4	2.6		0.68			
B-7(2-4)	(T24951-17)	mg/kg	1.7	20.6		5.4	2.9		0.9			
B-8(0-2)	(T24951-18)	mg/kg	1.2			1.6	1.8					
B-8(2-4)	(T24951-19)	mg/kg	1.6			2.4	2.4					
B-9(0-2)	(T24951-20)	mg/kg	1.5			2.3	2.2					
B-9(2-4)	(T24951-21)	mg/kg	2			2.8	3					
B-10(0-2)	(T24951-22)	mg/kg	2.5	20.6		5.3	3.5				20.6	
B-10(2-4)	(T24951-23)	mg/kg	2.5	18.3		4	3.4					
B-11(0-2)	(T24951-24)	mg/kg	3.6	32.4		6.9	5.8		0.79		13.9	
B-11(2-4)	(T24951-25)	mg/kg	1.6	37		2.8	2.7					
B-12(0-2)	(T24951-26)	mg/kg	1.4	16.8		2.6	3.4		0.67		41.8	18.7
B-12(2-4)	(T24951-27)	mg/kg	2	13.2		3.1	3					
B-13(0-2)	(T24962-1)	mg/kg	1.7			2.6	6				31.3	
B-13(2-4)	(T24962-2)	mg/kg	1.2			1.7	2.1					

December 29, 2008

Kelly Cook, TCEQ Homeland Security Coordinator, Office of Compliance and Enforcement, requested that the Toxicology Section (TS) review some soil sampling results to determine if there were any human-health concerns. This review does not include a determination of the applicability of the TRRP rule, nor does it evaluate potential resource protection issues, such as groundwater protection.

It appears that surface soil samples (0-2 and 2-4 feet below ground surface) were collected at 23 locations. The samples were reported to be taken at a location in Galveston that the Federal Emergency Management Agency (FEMA) intends to use for a trailer park. The results provided are for seven metals (arsenic, barium, cadmium, chromium, lead, mercury, and selenium) and for several fraction ranges of total petroleum hydrocarbons (TPH).

The approach for reviewing these sampling results was similar to the approach used in the screening evaluation of Hurricane Ike residue samples collected by the TCEQ in the months following the hurricane. Results were compared to Texas Risk Reduction Program (TRRP) residential total soil combined ($^{Tot}Soil_{Comb}$) protective concentration levels (PCLs). The residential $^{Tot}Soil_{Comb}$ PCLs are designed to be protective of long-term exposure (350 days per year for 30 years) from incidental ingestion, inhalation, and dermal contact with soil, as well as ingestion of vegetables grown in the soil.

None of the reported results exceeded their respective TRRP residential $^{Tot}Soil_{Comb}$ PCLs. Adverse health effects would not be expected from short- or long-term exposure to the reported concentrations of metals or TPH. If the soil samples evaluated are representative of the soil at the FEMA property, then the levels of those constituents evaluated are acceptable for the intended residential use.

If you have any questions or concerns about this evaluation, please contact me at 512-239-1792.

Sincerely,
Michael Aplin, M.S.
Senior Toxicologist
TCEQ – Toxicology Section
512-239-1792



Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000000784>

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

Target Property:
Justice Center
Galveston County, Texas 77551

Prepared For:
ECS-Houston

Order #: 386
Job #: 784
Date: 11/10/2008

TARGET PROPERTY SUMMARY

Justice Center

Galveston County, Texas 77551

Centroid County: **Galveston**

Centroid Zipcode: **77551**

Centroid State: **TX**

USGS Quadrangle: **Galveston, TX**

Target Property Geometry: **Point**

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

(-94.829840, 29.291190)

County/Countries Covered:

Galveston (TX)

Zipcode(s) Covered:

Galveston TX: 77550, 77551, 77554

State(s) Covered:

TX

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

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DATABASE FINDINGS SUMMARY (SOURCE)

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	Target Property
BIENNIAL REPORTING SYSTEM	BRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	Target Property
EPA DOCKET DATA	DOCKETS	0	0	Target Property
FEDERAL ENGINEERING CONTROLS	EC	0	0	Target Property
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNS	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRS	0	0	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRS	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	Target Property
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	Target Property
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDES	0	0	Target Property
PCB ACTIVITY DATABASE	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCS	0	0	Target Property
CERCLIS LIENS	SFLIENS	0	0	Target Property
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	Target Property
TOXICS RELEASE INVENTORY	TRI	0	0	Target Property
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	Target Property
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	Target Property and Adjoining
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAG	0	0	Target Property and Adjoining
BROWNFIELDS MANAGEMENT SYSTEM	BF	3	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		3	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	1	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
PETROLEUM STORAGE TANKS	PST	6	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	1	0	0.5000
BROWNFIELDS SITE ASSESSMENTS	BSA	1	0	0.5000



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

DATABASE FINDINGS SUMMARY (SOURCE)

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	2	0	0.5000
INNOCENT OWNER / OPERATOR	IOP	1	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	8	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
TIER II CHEMICAL REPORTING PROGRAM	TIERII	1	0	0.5000
VOLUNTARY CLEANUP PROGRAM	VCP	1	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
STATE SUPERFUND	SF	0	0	1.0000
SUB-TOTAL		22	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		25	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	3	0	0	3
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

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	3	0	0	3

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	1	0	0	0	0	1
PIHW	.2500	0	0	0	0	0	0	0
PST	.2500	0	6	0	0	0	0	6
APAR	.5000	0	0	1	0	0	0	1
BSA	.5000	0	0	1	0	0	0	1
CALF	.5000	0	0	2	0	0	0	2
IOP	.5000	0	0	1	0	0	0	1
LPST	.5000	1	2	5	0	0	0	8
MSWLF	.5000	0	0	0	0	0	0	0



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DATABASE FINDINGS SUMMARY (DETAIL)

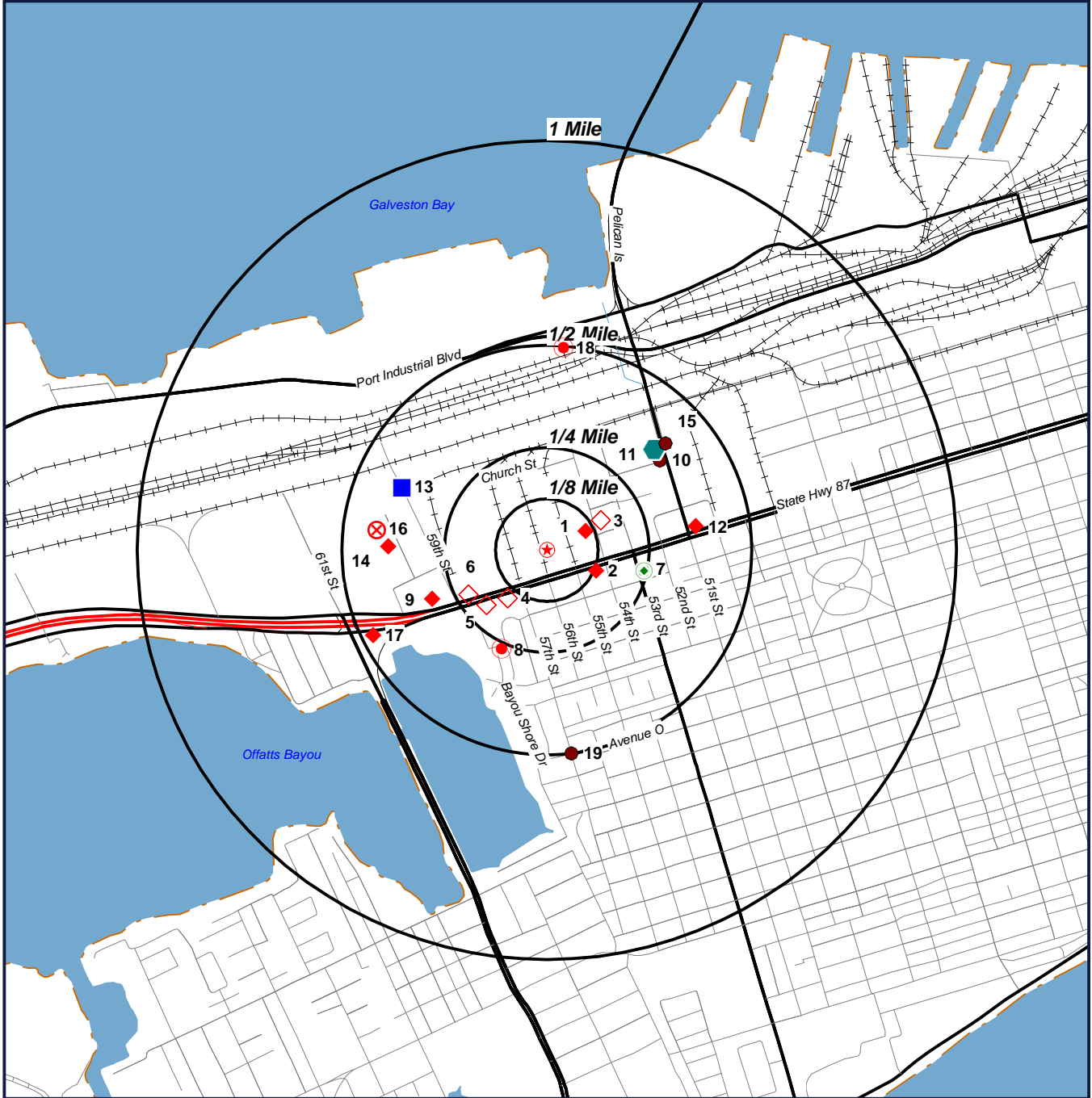
ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RRCVCP		.5000	0	0	0	0	0	0
RWS		.5000	0	0	0	0	0	0
TIERII		.5000	0	0	1	0	0	1
VCP		.5000	0	0	1	0	0	1
WMRF		.5000	0	0	0	0	0	0
SF		1.000	0	0	0	0	0	0
SUB-TOTAL			1	9	12	0	0	22
TRIBAL								
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	9	15	0	0	25
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RADIUS MAP



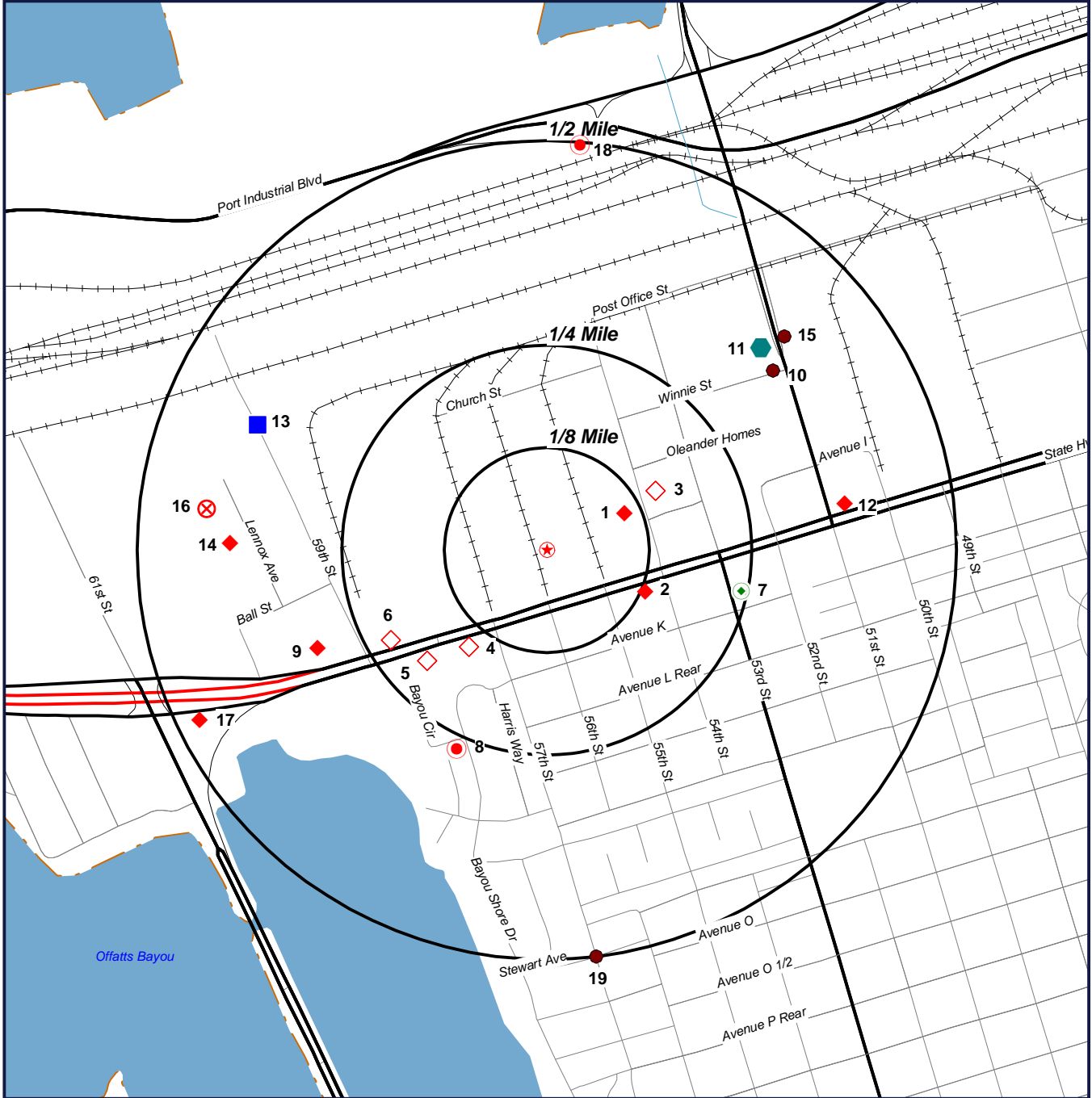
**Justice Center
Galveston County, Texas
77551**

- ⊕ Target Property (TP)
- ◆ LPST
- ◇ PST
- ⊕ IHW
- CALF
- BF
- ⬢ IOP
- TIERII
- BSA
- ⊗ VCP



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RADIUS MAP



**Justice Center
Galveston County, Texas
77551**



- ⊕ Target Property (TP)
- ◆ LPST
- ◇ PST
- ⊕ IHW
- CALF
- BF
- ◆ IOP
- TIERII
- BSA
- ⊗ VCP

GeoSearch

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ORTHOPHOTO MAP



- ★ Target Property (TP)
- ◆ LPST
- ◇ PST
- ⊕ IHW
- CALF
- BF
- ⬢ IOP
- TIERII
- BSA
- ⊗ VCP

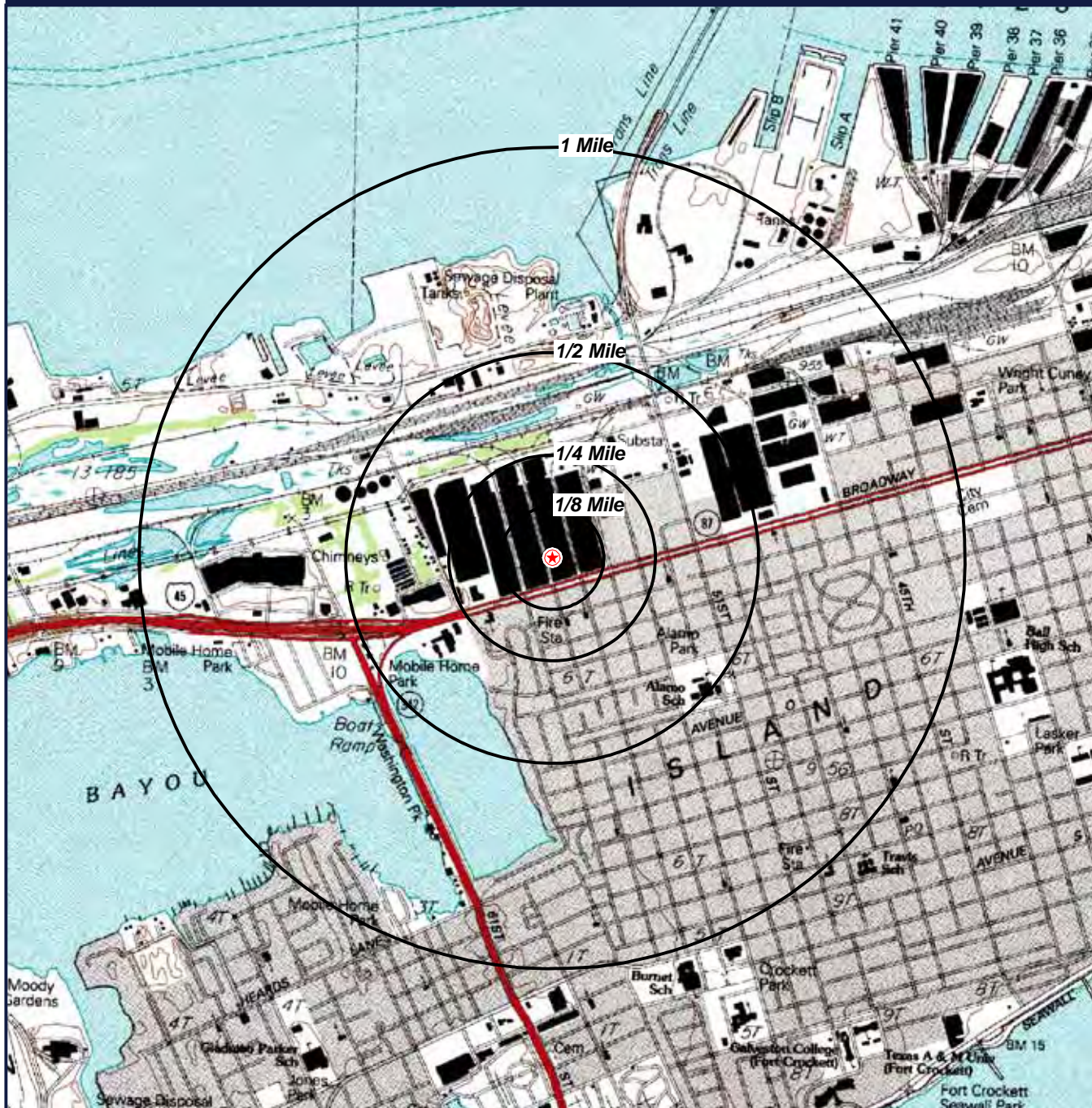
Quadrangle(s): Galveston
Source: USDA (2004)
Justice Center
Galveston County, Texas
77551



GeoSearch

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TOPOGRAPHIC MAP



★ Target Property (TP)

Quadrangle(s): Galveston
Source: USGS, 1994
Justice Center
Galveston County, Texas
77551



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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	LPST	114675	0.105 NE	827 53RD STREET PROPERTY	827 53 ST	GALVESTON, 77551	1
2	LPST	106401	0.146 E	STOP N GO 817	5401 BROADWAY	GALVESTON, 77550	2
2	PST	0038596	0.130 SE	BROADWAY GAS STATION	5411 BROADWAY	GALVESTON, 77550	3
2	PST	0039817	0.146 E	STOP N GO 817	5401 BROADWAY	GALVESTON, 77550	6
2	LPST	099598	0.130 SE	FISCA OIL SERVICE STATION 79	5411 BROADWAY	GALVESTON, 77550	8
3	PST	0067576	0.152 NE	CLOSED STREET	5309 AVENUE I	GALVESTON, 77551	9
4	PST	0070153	0.152 SW	RACETRAC 612	5714 BROADWAY ST	GALVESTON, 77551	11
5	PST	0057127	0.199 SW	BROADWAY FUNERAL HOME	5815 BROADWAY	GALVESTON, 77551	15
6	PST	0036136	0.220 SW	J R MCCONNELL	5828 BROADWAY	GALVESTON, 77550	17
7	IHW	61669	0.242 E	DR JS GARAGE	1024 53RD ST	GALVESTON, 77550	20
8	CALF	1054	0.267 SW	OLD INCINERATOR DUMP	BAYOU SHORE AREA, AROUND OLD INCINE	GALVESTON, 77551	21
9	LPST	107349	0.305 SW	FORMER A W QUINN DISTRIBUTING	6006 BROADWAY	GALVESTON, 77550	22
10	BF	10874	0.353 NE	ESTATE OF WILLIAM R. BLACK, DECEASED	699 51ST STREET	GALVESTON	23
11	IOP	549	0.361 NE	601 51ST STREET	601 51ST STREET	GALVESTON, 77551-4177	24
12	LPST	106926	0.368 E	EXXON 64692	5028 BROADWAY	GALVESTON, 77550	25
13	TIERII	2V8G0Z008QZK	0.385 NW	CITY OF GALVESTON 59TH & POST OFFICE STR	5902 POST OFFICE	GALVESTON, 77551	26
14	LPST	099366	0.386 W	GALVESTON FIRE DEPT TRAINING FLD	59TH	GALVESTON, 77551	27
15	BSA	G017	0.390 NE	ESTATE OF WILLIAM R. BLACK	600 51ST STREET	GALVESTON, 77550	28
16	VCP	1962	0.418 W	CITY OF GALVESTON OLD MUNICIPAL INCINERA	#3 LENNOX AVENUE	GALVESTON, 77551	29
16	BF	20882	0.418 W	OLD MUNICIPAL INCINERATOR	3 LENNOX AVENUE	GALVESTON, 77551	30
16	APAR	1962	0.418 W	CITY OF GALVESTON OLD MUNICIPAL INCINERA	#3 LENNOX AVE	GALVESTON, 77551	31
17	LPST	097473	0.472 SW	CHEVRON STATION 60108372	6027 BROADWAY	GALVESTON, 77550	32



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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 #
17	LPST	093006	0.472 SW	CHEVRON SS 108372	6027 BROADWAY	GALVESTON, 77550	33
18	CALF	1333	0.495 N	KELSO TRACT	N SIDE OF GALVESTON NEAR PERMIT #16	GALVESTON, 77554	34
19	BF	11984	0.500 S	57TH AND STEWART ST.		GALVESTON	35



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 1

Distance from Property: 0.10 mi. NE

FACILITY INFORMATION

LPST ID#: **114675** FACILITY ID#: **NOT REPORTED**

REPORTED DATE: **7/1/1999**

NAME: **827 53rd Street Property**

ADDRESS: **827 53 ST**

GALVESTON

PRIORITY CODE: **(4.0) ASSESSMENT INCOMPLETE, NO APPARENT RECEPTORS IMPACTED**

STATUS CODE: **(1) PREASSESSMENT / RELEASE DETERMINATION**

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: **BAKER INTERESTS**

ADDRESS: **2125 CHURCH ST**

GALVESTON, TX 77550

CONTACT: **THERESA BAKER**

PHONE: **409-765-6635**



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 2

Distance from Property: 0.15 mi. E

FACILITY INFORMATION

LPST ID#: **106401** FACILITY ID#: **0039817**

REPORTED DATE: **3/29/1993**

NAME: **STOP N GO 817**

ADDRESS: **5401 BROADWAY
GALVESTON**

PRP INFORMATION

NAME: **NATIONAL CONVENIENCE STORES**

ADDRESS: **PO BOX 758**

HOUSTON, TX 77001-0758

CONTACT: **JOHN WILLRODT**

PHONE: **713-863-2318**

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

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

TANK INFORMATION

TANKID#/TYPE: **1/UST**

INSTALLED: **01/01/1974**

STATUS(DATE): **REMOVED FROM GROUND (03/26/1993)**

CAPACITY(gal.): **8000** CONTENTS: **GASOLINE**

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

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

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

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

SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 2

Distance from Property: 0.13 mi. SE

FACILITY INFORMATION

FACILITY ID #: 0038596
NAME: **BROADWAY GAS STATION**
ADDRESS: 5411 BROADWAY
GALVESTON, TX 77550
TYPE: **UNIDENTIFIED**
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: **ASLAM KAPADIA**
PHONE: 409--74-0-73 43
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: **R CREWS JR, VP**
DATE OF SIGNATURE ON REGISTRATION FORM: 05/07/86

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: **IN USE**
INSTALL DATE: 01/01/1971 STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: 05/08/1986
CAPACITY: 12000 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 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:

OWNER INFORMATION

CUSTOMER #: 48928
NAME: **G B A K PROPERTIES INC**
ADDRESS: 11111 WILCREST GREEN DR STE 350 A
HOUSTON, TX 77042
TYPE: **CORPORATION**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 2
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 7
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: **ASLAM KAPADIA**
PHONE: 713-266-9786



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: **3** TANK STATUS: **IN USE**
INSTALL DATE: **01/01/1971** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **8000 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 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 #: **2** TANK STATUS: **IN USE**
INSTALL DATE: **01/01/1971** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **12000 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 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)

UNIT ID: 00101763 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

UNIT ID: 00101764 TANK ID: 3 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

UNIT ID: 00101765 TANK ID: 2 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 2

Distance from Property: 0.15 mi. E

FACILITY INFORMATION

FACILITY ID #: 0039817
NAME: **STOP N GO 817**
ADDRESS: 5401 BROADWAY
GALVESTON, TX 77550
TYPE: **RETAIL**
TCEQ REGION: 12
FACILITY IN OZONE NON-ATTAINMENT AREA: **YES**
NUMBER OF UNDERGROUND TANKS AT FACILITY: 2
NUMBER OF ABOVEGROUND TANKS AT FACILITY: 0
FACILITY CONTACT: **M HINSHAW, DIST.MGR.**
PHONE: 713-486-4086
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: **W CALVERT, GAS.MGR.**
DATE OF SIGNATURE ON REGISTRATION FORM: 04/28/86

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: **REMOVED FROM GROUND, TANK IS EMPTY**
INSTALL DATE: 01/01/1974 STATUS DATE: 03/26/1993
REGISTRATION DATE: 05/08/1986
CAPACITY: 8000 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 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:

OWNER INFORMATION

CUSTOMER #: 21599
NAME: **DIAMOND SHAMROCK REFINING AND MARKETING COMPANY**
ADDRESS: PO BOX 696000
SAN ANTONIO, TX 78269
TYPE: **CORPORATION**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 575
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 1805
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 13
OWNER CONTACT: **KENT HAMEL**
PHONE: 210-345-4670



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 2 TANK STATUS: REMOVED FROM GROUND, TANK IS EMPTY
INSTALL DATE: 01/01/1974 STATUS DATE: 03/26/1993
REGISTRATION DATE: 05/08/1986
CAPACITY: 8000 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 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: 00105319 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: 00105320 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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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 2

Distance from Property: 0.13 mi. SE

FACILITY INFORMATION

LPST ID#: **099598** FACILITY ID#: **0038596**

REPORTED DATE: **6/21/1991**

NAME: **FISCA OIL SERVICE STATION 79**

ADDRESS: **5411 BROADWAY
GALVESTON**

PRP INFORMATION

NAME: **FISCA OIL CO INC**

ADDRESS: **PO BOX 3363
KANSAS CITY, KS 66103**

CONTACT: **MICHAEL SZABO**

PHONE: **913-236-7000**

PRIORITY CODE: **(1D) GROUP 1 GROUNDWATER, PLUME HAS/LIKELY TO MIGRATE OFF-SITE**

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

TANK INFORMATION

TANKID#/TYPE: **1/UST** INSTALLED: **01/01/1971** STATUS(DATE): **IN USE (NOT REPORTED)**

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

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

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

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

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

SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 3

Distance from Property: 0.15 mi. NE

FACILITY INFORMATION

FACILITY ID #: **0067576**
NAME: **CLOSED STREET**
ADDRESS: **5309 AVENUE I**
GALVESTON, TX 77551
TYPE: **UNIDENTIFIED**
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: **JAMES BRADY**
PHONE: **409--76-5-66 35**
DATE REGISTRATION FORM RECEIVED: **12/15/95**
SIGNATURE ON REGISTRATION FORM: **JAMES C BRADY, OWNER**
DATE OF SIGNATURE ON REGISTRATION FORM: **12/07/95**

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: **07/31/1987** STATUS DATE: **08/01/1987**
REGISTRATION DATE: **12/15/1995**
CAPACITY: **6000 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: **UNKNOWN**
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:

OWNER INFORMATION

CUSTOMER #: **47209**
NAME: **BRADY JAMES C**
ADDRESS: **2125 CHURCH**
GALVESTON, TX 77550
TYPE: **PRIVATE OR CORPORATE**
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: **2**
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: **4**
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: **0**
OWNER CONTACT: **JAMES BRADY**
PHONE: **409-765-6635**



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 2 TANK STATUS: REMOVED FROM GROUND
INSTALL DATE: 07/31/1987 STATUS DATE: 08/01/1987
REGISTRATION DATE: 12/15/1995
CAPACITY: 6000 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: **UNKNOWN**

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: 00177068 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

UNIT ID: 00177069 TANK ID: 2 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: **NO VARIANCE**

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: **NO VARIANCE**

SPILL AND OVERFILL PREVENTION

NOT REPORTED

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

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY



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PETROLEUM STORAGE TANKS (PST)

MAP ID# 4

Distance from Property: 0.15 mi. SW

FACILITY INFORMATION

FACILITY ID #: 0070153
NAME: RACETRAC 612
ADDRESS: 5714 BROADWAY ST
GALVESTON, TX 77551
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: LISA CIOTOLI
PHONE: 770-43-1-76 00
DATE REGISTRATION FORM RECEIVED: 11/13/97
SIGNATURE ON REGISTRATION FORM: MAX MCBRAYER, VP ENG
DATE OF SIGNATURE ON REGISTRATION FORM: 11/11/97

SELF-CERTIFICATION INFORMATION

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 02/12/08
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/09/02
SIGNATURE ON CERTIFICATION: LISA A CIOTOLI, DIRECTOR OF ENVIRONM, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 01/23/07
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/08/02
SIGNATURE ON CERTIFICATION: LISA A CIOTOLI, DIR OF ENVIRONMENTAL, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 01/12/06
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/07/02
SIGNATURE ON CERTIFICATION: LISA A CIOTOLI, DIRECTOR OF ENVIRON, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 01/17/05
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/06/02
SIGNATURE ON CERTIFICATION: LISA A CIOTOLI, DIRECTOR OF ENVIRON, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 01/08/04
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/05/02
SIGNATURE ON CERTIFICATION: LISA A CIOTOLI, DIRECTOR, OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 11/29/02
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/04/02
SIGNATURE ON CERTIFICATION: MAX MCBRAYER JR, VICE PRESIDENT, LEGALLY-AUTHORIZED REP OF OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 12/11/01
TYPE OF CERTIFICATION SUBMITTED: ANNUAL RENEWAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/03/02
SIGNATURE ON CERTIFICATION: MAX MCBRAYER JR, , OWNER

* MOST RECENT INFORMATION REPORTED

CERTIFICATION DATE: 12/01/00
TYPE OF CERTIFICATION SUBMITTED: INITIAL
UST DELIVERY CERTIFICATE EXPIRATION DATE: 20/02/02
SIGNATURE ON CERTIFICATION: MAX MCBRAYER JR, VP, OWNER

OWNER INFORMATION

CUSTOMER #: 35542
NAME: RACETRAC PETROLEUM INC
ADDRESS: 3225 CUMBERLAND BLVD SE STE 100
ATLANTA, GA 30339
TYPE: CORPORATION
NUMBER OF FACILITIES REPORTED BY CURRENT OWNER: 112
NUMBER OF UNDERGROUND TANKS FOR CURRENT OWNER: 355
NUMBER OF ABOVEGROUND TANKS FOR CURRENT OWNER: 0
OWNER CONTACT: MAX MCBRAYER JR
PHONE: 800-388-8035



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PETROLEUM STORAGE TANKS (PST)

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: **3** TANK STATUS: **IN USE**
INSTALL DATE: **10/09/1997** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **11/13/1997**
CAPACITY: **12000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

TYPE OF PIPING: **PRESSURIZED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **COMPOSITE (STEEL WITH EXTERNAL FIBERGLASS-REINFORCED PLASTIC CLADDING)**
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), SHEAR/IMPACT VALVES (UNDER DISPENSER)
TANK CORROSSION PROTECTION (I thru III)

COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE

TANK CORROSSION PROTECTION VARIANCE: **NO VARIANCE**

PIPE CORROSSION PROTECTION (I thru III)

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **TWO-POINT SYSTEM OR COAXIAL SYSTEM TYPE**
STAGE 1 EQUIPMENT INSTALL DATE: **01/01/1997**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **BALANCE SYSTEM OR ASSIST SYSTEM TYPE**
STAGE 2 EQUIPMENT INSTALL DATE: **01/01/1997**
TANK TESTED ? : **NO**
INSTALLER NAME:

TANK ID #: **2** TANK STATUS: **IN USE**
INSTALL DATE: **10/09/1997** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **11/13/1997**
CAPACITY: **12000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

TYPE OF PIPING: **PRESSURIZED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **COMPOSITE (STEEL WITH EXTERNAL FIBERGLASS-REINFORCED PLASTIC CLADDING)**
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), SHEAR/IMPACT VALVES (UNDER DISPENSER)
TANK CORROSSION PROTECTION (I thru III)

COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE

TANK CORROSSION PROTECTION VARIANCE: **NO VARIANCE**

PIPE CORROSSION PROTECTION (I thru III)

FIBERGLASS-REINFORCED PLASTIC TANK OR PIPING (NONCORRODIBLE)

PIPE CORROSSION PROTECTION VARIANCE: **NO VARIANCE**
STAGE 1 VAPOR RECOVERY EQUIPMENT STATUS: **TWO-POINT SYSTEM OR COAXIAL SYSTEM TYPE**
STAGE 1 EQUIPMENT INSTALL DATE: **01/01/1997**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **BALANCE SYSTEM OR ASSIST SYSTEM TYPE**
STAGE 2 EQUIPMENT INSTALL DATE: **01/01/1997**
TANK TESTED ? : **NO**
INSTALLER NAME:



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: 1 TANK STATUS: **IN USE**
INSTALL DATE: **10/09/1997** STATUS DATE: **NOT REPORTED**
REGISTRATION DATE: **11/13/1997**
CAPACITY: **15000 GALLONS** SUBSTANCE STORED: **GASOLINE**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

DOUBLE WALL

TYPE OF PIPING: **PRESSURIZED**
TANK INTERNAL PROTECTION (INTERNAL LINING) DATE: **NOT REPORTED**
TANK MATERIAL: **COMPOSITE (STEEL WITH EXTERNAL FIBERGLASS-REINFORCED PLASTIC CLADDING)**
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), SHEAR/IMPACT VALVES (UNDER DISPENSER)

TANK CORROSION PROTECTION (I thru III)

COMPOSITE TANK (STEEL WITH FIBERGLASS-REINFORCED PLASTIC EXTERNAL LAMINATE

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: **01/01/1997**
STAGE 2 VAPOR RECOVERY EQUIPMENT STATUS: **BALANCE SYSTEM OR ASSIST SYSTEM TYPE**
STAGE 2 EQUIPMENT INSTALL DATE: **01/01/1997**
TANK TESTED ? : **NO**
INSTALLER NAME:

UNIT ID: **00185002** TANK ID: **3** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET

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

INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET

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

AUTO. FLOW RESTRICTOR VALVE, AUTO. HIGHT LEVEL ARLARM WITH 3 OR 4, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP

SPILL AND OVERFILL PREVENTION VARIANCE: **NO VARIANCE**
UNIT ID: **00185003** TANK ID: **2** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET

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

INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET

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

AUTO. FLOW RESTRICTOR VALVE, AUTO. HIGHT LEVEL ARLARM WITH 3 OR 4, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP

SPILL AND OVERFILL PREVENTION VARIANCE: **NO VARIANCE**
UNIT ID: **00185004** TANK ID: **1** COMPARTMENT LETTER: **A**

TANK RELEASE DETECTION METHOD

INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET

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

INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET

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

AUTO. FLOW RESTRICTOR VALVE, AUTO. HIGHT LEVEL ARLARM WITH 3 OR 4, FACTORY/BUILT SPILL CONTAINER/BUCKET/SUMP

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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PETROLEUM STORAGE TANKS (PST)

MAP ID# 5

Distance from Property: 0.20 mi. SW

FACILITY INFORMATION

FACILITY ID #: 0057127
NAME: BROADWAY FUNERAL HOME
ADDRESS: 5815 BROADWAY
GALVESTON, TX 77551
TYPE: OTHER
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: CAMILLE SUNSERI, OWNER
PHONE: 409-744-4544
DATE REGISTRATION FORM RECEIVED: 12/21/90
SIGNATURE ON REGISTRATION FORM: CAMILLE M SUNSERI, OWNER
DATE OF SIGNATURE ON REGISTRATION FORM: 12/21/90

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: 01/01/1960 STATUS DATE: 08/08/1998
REGISTRATION DATE: 12/21/1990
CAPACITY: 500 GALLONS SUBSTANCE STORED: GASOLINE
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

SINGLE WALL

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

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

TANK MATERIAL: UNKNOWN

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 ?: YES

INSTALLER NAME:

UNIT ID: 00137426 TANK ID: 1 COMPARTMENT LETTER: A

TANK RELEASE DETECTION METHOD

NOT REPORTED

TANK RELEASE DETECTION VARIANCE: NO VARIANCE

PIPE RELEASE DETECTION METHOD

NOT REPORTED

PIPE RELEASE DETECTION VARIANCE: NO VARIANCE

SPILL AND OVERFILL PREVENTION

NOT REPORTED

SPILL AND OVERFILL PREVENTION VARIANCE: NO VARIANCE

OWNER INFORMATION

CUSTOMER #: 31897
NAME: SUNSERI CAMILLE
ADDRESS: 5815 BROADWAY
GALVESTON, TX 77551
TYPE: PRIVATE OR CORPORATE
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: CAMILLE SUNSERI
PHONE: 4097444544



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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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PETROLEUM STORAGE TANKS (PST)

MAP ID# 6

Distance from Property: 0.22 mi. SW

FACILITY INFORMATION

FACILITY ID #: 0036136
NAME: J R MCCONNELL
ADDRESS: 5828 BROADWAY
GALVESTON, TX 77550
TYPE: UNIDENTIFIED
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: DON HUBBELL, SPECIAL PROJECTS
PHONE: 409-762-1191
DATE REGISTRATION FORM RECEIVED: 05/08/86
SIGNATURE ON REGISTRATION FORM: DON HUBBELL, SPECIAL PROJECTS
DATE OF SIGNATURE ON REGISTRATION FORM: 05/06/86

SELF-CERTIFICATION INFORMATION

NO SELF-CERTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK INFORMATION

TANK ID #: 1 TANK STATUS: PERM. FILLED IN PLACE
INSTALL DATE: 01/01/1971 STATUS DATE: 03/31/1975
REGISTRATION DATE: 05/08/1986
CAPACITY: 3000 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: UNKNOWN
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:

OWNER INFORMATION

CUSTOMER #: 16658
NAME: MCCONNELL J R
ADDRESS: 2226 STRAND
GALVESTON, TX 77550
TYPE: PRIVATE OR CORPORATE
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:
PHONE: 4097621191



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PETROLEUM STORAGE TANKS (PST)

TANK ID #: **3** TANK STATUS: **PERM. FILLED IN PLACE**
INSTALL DATE: **01/01/1971** STATUS DATE: **03/31/1975**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **12000 GALLONS** SUBSTANCE STORED: **USED OIL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

TYPE OF PIPING:

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

TANK MATERIAL: **UNKNOWN**

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:

TANK ID #: **2** TANK STATUS: **PERM. FILLED IN PLACE**
INSTALL DATE: **01/01/1971** STATUS DATE: **03/31/1975**
REGISTRATION DATE: **05/08/1986**
CAPACITY: **12000 GALLONS** SUBSTANCE STORED: **USED OIL**
TANK DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

PIPING DESIGN AND EXTERNAL CONTAINMENT (I thru IV)

NOT REPORTED

TYPE OF PIPING:

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

TANK MATERIAL: **UNKNOWN**

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:



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PETROLEUM STORAGE TANKS (PST)

UNIT ID: 00095603 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: 00095604 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

UNIT ID: 00095605 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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INDUSTRIAL AND HAZARDOUS WASTE (IHW)

MAP ID# 7

Distance from Property: 0.24 mi. E

FACILITY INFORMATION

REGISTRATION #: **61669** EPA ID: **NOT REPORTED**

TNRCC ID #: **020013**

NAME: **DR JS GARAGE**

ADDRESS: **1024 53RD ST**

GALVESTON, TX

CONTACT: **EUGENE TILLMAN**

PHONE: **NOT REPORTED**

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

INDUSTRIAL WASTE PERMIT #: **NOT REPORTED**

MUNICIPAL WASTE PERMIT #: **NOT REPORTED**

SIC CODE: **99990**

WASTE GENERATOR: **YES**

WASTE RECEIVER: **NO**

WASTE TRANSPORTER: **NO**

TRANSFER FACILITY: **NO**

MAQUILADORA (MEXICAN FACILITY): **NO**

STATUS: **INACTIVE**

AMOUNT OF WASTE GENERATED: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

GENERATOR TYPE: **NON-INDUSTRIAL AND/OR MUNICIPAL**

THIS FACILITY IS A NOTIFIER

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

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

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): **01/24/2003**

ACTIVITIES

ACTIVITY TYPE: **UNKNOWN**

ACTIVITY DESCRIPTION: **NOT REPORTED**

WASTE

NO RECORDS



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CLOSED & ABANDONED LANDFILL INVENTORY (CALF)

MAP ID# 8

Distance from Property: 0.27 mi. SW

SITE INFORMATION

ID: 1054

DATE OPEN: 0

SITE NAME: OLD INCINERATOR DUMP

DATE CLOSED: 1940

LOCATION: BAYOU SHORE AREA, AROUND OLD

SIZE (ACRES): 0

COMMENTS INCINERATOR

IDENTIFIED IN GALVESTON DAILY NEWS ARTICLE; AREA FILL OPERATION IN SWAMPY AREA; RESIDENTIAL AREA OVER OLD FILL AREA



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 9

Distance from Property: 0.31 mi. SW

FACILITY INFORMATION

LPST ID#: **107349** FACILITY ID#: **0055543**
REPORTED DATE: **9/8/1993**
NAME: **FORMER A W QUINN DISTRIBUTING**
ADDRESS: **6006 BROADWAY**
GALVESTON

PRP INFORMATION

NAME: **UNITED STATES NATIONAL BANK**
ADDRESS: **2201 MARKET ST**
GALVESTON, TX 77553
CONTACT: **DAVID JONES**
PHONE: **409-770-7153**

PRIORITY CODE: **(4A) SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & REMEDIAL ACTION PLAN (RAP)**
STATUS CODE: **(6A) FINAL CONCURRENCE ISSUED, CASE CLOSED**

TANK INFORMATION

TANKID#/TYPE: **2/AST** INSTALLED: **01/01/1979** STATUS(DATE): **OUT OF USE (08/31/1994)**
CAPACITY(gal.): **3000** CONTENTS: **GASOLINE**
TANK MATERIAL/CONTAINMENT: **STEEL / UNKNOWN**
PIPE MATERIAL/CONTAINMENT: **NOT REPORTED / NOT REPORTED**
TANK/PIPE RELEASE DETECTION: **NOT REPORTED / NOT REPORTED**
TANK/PIPE CORROSION PROTECTION: **NOT REPORTED / NOT REPORTED**
SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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BROWNFIELDS MANAGEMENT SYSTEM (BF)

MAP ID# 10

Distance from Property: 0.35 mi. NE

SITE INFORMATION

ID#: 10874

NAME: ESTATE OF WILLIAM R. BLACK, DECEASED

ADDRESS: 699 51ST STREET
GALVESTON, TX

PROPERTY SIZE (Acres): 1.15

CURRENT OWNER: NOT REPORTED

USAGE TYPE: NOT REPORTED

CURRENT USE: NOT REPORTED

PROPERTY DESCRIPTION/ FORMER USE:

City of Galveston (Steve Leblanc) P.O. Box 779 Galveston, TX 77553-0779

ENVIRONMENTAL ASSESSMENT ACTIVITY: PHASE II ENVIRONMENTAL ASSESSMENT

START DATE: 1/25/2000

COMPLETION DATE: 1/25/2000

CONTAMINATE(S): NOT REPORTED

CONTAMINATE(S)

CLEANED UP: NOT REPORTED

MEDIA(S) AFFECTED: NOT REPORTED

MEDIA(S)

CLEANED UP: NOT REPORTED

STATE & TRIBAL ENROLLMENT ID: NOT REPORTED

STATE & TRIBAL ENROLLMENT DATE: NOT REPORTED

PROPERTY NOT ENROLLED IN A STATE & TRIBAL PROGRAM?: NOT REPORTED

ARE INSTITUTIONAL CONTROLS REQUIRED?: NOT REPORTED



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INNOCENT OWNER / OPERATOR (IOP)

MAP ID# 11

Distance from Property: 0.36 mi. NE

FACILITY INFORMATION

ID#: 549

DATE IOP RECIEVED: 4/13/2006

CERTIFICATE ISSUED: 3/22/2007

NAME: 601 51ST STREET

ADDRESS: 601 51ST STREET
GALVESTON, TX

CONTAMINANTS: CHLORINATED SOLVENTS

MEDIA AFFECTED: GROUNDWATER

PHASE: COMPLETED

PROPERTY USE: SALVAGE YARD

ACRES: 2.32

OTHER CONTACTS (CONSULTANT/ATTORNEY)

ORGANIZATION: NOT REPORTED

PHONE: NOT REPORTED FAX: NOT REPORTED

APPLICANT INFORMATION

ORGANIZATION: RICHARD BYRON NELSON

ADDRESS: 9761 CHANTILLY CIRCLE
GALVESTON, TX 77551-1628

INTEREST IN SITE: OWNER

PHONE: 409-744-6241 FAX: NOT REPORTED



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 12 Distance from Property: 0.37 mi. E

FACILITY INFORMATION

LPST ID#: **106926** FACILITY ID#: **0026669**
REPORTED DATE: **7/12/1993**
NAME: **EXXON 64692**
ADDRESS: **5028 BROADWAY**
GALVESTON

PRP INFORMATION

NAME: **EXXONMOBIL**
ADDRESS: **PO BOX 4552 RM KT1270**
HOUSTON, TX 77210-4552
CONTACT: **TOM F WILSON**
PHONE: **713-656-9219**

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: **4/UST** INSTALLED: **01/01/1972** STATUS(DATE): **REMOVED FROM GROUND (06/30/1993)**
CAPACITY(gal.): **1000** CONTENTS: **USED OIL**
TANK MATERIAL/CONTAINMENT: **STEEL / NOT REPORTED**
PIPE MATERIAL/CONTAINMENT: **STEEL / NOT REPORTED**
TANK/PIPE RELEASE DETECTION: **NOT REPORTED / NOT REPORTED**
TANK/PIPE CORROSION PROTECTION: **NOT REPORTED / NOT REPORTED**
SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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TIER I / CHEMICAL REPORTING PROGRAM (TIERII)

MAP ID# 13

Distance from Property: 0.38 mi. NW

SITE INFORMATION

UNIQUE ID: 2V8G0Z008QZK

SITE ID: FATR20062V8G0Z008QZK

NAME: CITY OF GALVESTON 59TH & POST OFFICE STREET

ADDRESS: 5902 POST OFFICE

GALVESTON, TX 77551

SIGNED DATE: 2-14-2007

VALIDATION REPORT: THIS FACILITY PASSED ALL VALIDATION CHECKS.

MAILING ADDRESS: P.O BOX 779

GALVESTON, TX 77553-0779

SITE DETAILS

CHEMICAL LOCATION: SOUTH END OF BUILDING UPSTAIRS

CHEMICAL AMOUNT: 6000 POUNDS

CHEMICAL LOCATION: SOUTH OF BUILDING BY GATE

CHEMICAL AMOUNT: 4500 GALLONS

CHEMICAL NAME: CHLORINE

MAXIMUM AMOUNT: 6000 POUNDS

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

PURE: YES MIXTURE: NOT REPORTED

CHEMICAL NAME: ZINC OTHOPHOSPHATE (VIRCHEM 932)

MAXIMUM AMOUNT: 47700 GALLONS

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

PURE: NOT REPORTED MIXTURE: YES



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 14

Distance from Property: 0.39 mi. W

FACILITY INFORMATION

LPST ID#: **099366** FACILITY ID#: **0058735**
REPORTED DATE: **6/20/1991**
NAME: **GALVESTON FIRE DEPT TRAINING FLD**
ADDRESS: **59TH**
GALVESTON

PRP INFORMATION

NAME: **CITY OF GALVESTON**
ADDRESS: **PO BOX 779**
GALVESTON, TX 77553
CONTACT: **ROBERT GERVAIS**
PHONE: **409-797-3530**

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: **5/AST** INSTALLED: **01/01/1965** STATUS(DATE): **OUT OF USE (10/30/1986)**
CAPACITY(gal.): **2150** CONTENTS: **GASOLINE**
TANK MATERIAL/CONTAINMENT: **STEEL / EARTHEN DIKEN**
PIPE MATERIAL/CONTAINMENT: **NOT REPORTED / NOT REPORTED**
TANK/PIPE RELEASE DETECTION: **NOT REPORTED / NOT REPORTED**
TANK/PIPE CORROSION PROTECTION: **NOT REPORTED / NOT REPORTED**
SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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BROWNFIELDS SITE ASSESSMENTS (BSA)

MAP ID# 15

Distance from Property: 0.39 mi. NE

SITE INFORMATION

ID#: **G017**

NAME: **ESTATE OF WILLIAM R. BLACK**

ADDRESS: **600 51ST STREET
GALVESTON TX 77550**

ACRES: **1.152**

FACILITY TYPE: **WRECKER SERVICE/JUNK YARD**

APPLICATION DATE: **3/18/1999**

CERTIFICATE OF COMPLETION DATE: **NOT REPORTED**

TYPE OF CERTIFICATE ISSUED: **NOT REPORTED**

PHASE: **COMPLETED**

CONTAMINANT/S: **NOT REPORTED**

MEDIA AFFECTED: **SOILS**

REMEDY: **NOT REPORTED**

APPLICANT INFORMATION

ORGANIZATION: **CITY OF GALVESTON**

WIN TURNER, PROJECT COORDINATOR

C/O KMA ENVIRONMENTAL/P.O. BOX 92

TEXAS CITY, TX 77592-0092

PHONE: **409-943-4159**

FAX: **409-943-4744**



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VOLUNTARY CLEANUP PROGRAM (VCP)

MAP ID# 16

Distance from Property: 0.42 mi. W

SITE INFORMATION

ID#: 1962
NAME: CITY OF GALVESTON OLD MUNICIPAL INCINERATOR
ADDRESS: #3 LENNOX AVENUE
GALVESTON TEXAS
ACRES: 4.654
FACILITY TYPE: VACANT PROPERTY
APPLICATION DATE: 08/18/06
DATE OF AGREEMENT: NOT REPORTED
CERTIFICATE OF COMPLETION DATE: NOT REPORTED
TYPE OF CERTIFICATE ISSUED:
TYPE LEAD: OWNER
PHASE: INVESTIGATION
CONTAMINANT/S: SVOCS, METALS, PESTICIDES
MEDIA AFFECTED: SOILS/GROUNDWATER
REMEDY: NOT REPORTED
INSTITUTIONAL CONTROL: NOT REPORTED
TNRCC SOLID WASTE REGISTRATION #: NOT REPORTED
LPST #: 99366
EPA CERCLIS# NOT REPORTED
EPA RCRIS #: NOT REPORTED

APPLICANT INFORMATION

ORGANIZATION: CITY OF GALVESTON
STEVE LEBLANC, CITY MANAGER
P.O. BOX 779
GALVESTON, TX 77553
PHONE: 409-797-3520
FAX: 409-797-3521

CONSULTANT/ATTORNEY INFORMATION

ORGANIZATION: CITY OF GALVESTON
SUSIE GREEN, CITY ATTORNEY
P.O. BOX 779
GALVESTON, TX 77553
PHONE: 409-797-3530
FAX: 409-797-3531

MAP ID# 16

Distance from Property: 0.42 mi. W

SITE INFORMATION

ID#: 1962
NAME: CITY OF GALVESTON OLD MUNICIPAL INCINERATOR
ADDRESS: #3 LENNOX AVENUE
GALVESTON TEXAS
ACRES: 4.654
FACILITY TYPE: VACANT PROPERTY
APPLICATION DATE: 08/18/06
DATE OF AGREEMENT: NOT REPORTED
CERTIFICATE OF COMPLETION DATE: NOT REPORTED
TYPE OF CERTIFICATE ISSUED:
TYPE LEAD: OWNER
PHASE: INVESTIGATION
CONTAMINANT/S: SVOCS, METALS, PESTICIDES
MEDIA AFFECTED: SOILS/GROUNDWATER
REMEDY: NOT REPORTED
INSTITUTIONAL CONTROL: NOT REPORTED
TNRCC SOLID WASTE REGISTRATION #: NOT REPORTED
LPST #: 99366
EPA CERCLIS# NOT REPORTED
EPA RCRIS #: NOT REPORTED

APPLICANT INFORMATION

ORGANIZATION: CITY OF GALVESTON
STEVE LEBLANC, CITY MANAGER
P.O. BOX 779
GALVESTON, TX 77553
PHONE: 409-797-3520
FAX: 409-797-3521

CONSULTANT/ATTORNEY INFORMATION

ORGANIZATION: CITY OF GALVESTON
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P.O. BOX 779
GALVESTON, TX 77553
PHONE: 409-797-3530
FAX: 409-797-3531



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BROWNFIELDS MANAGEMENT SYSTEM (BF)

MAP ID# 16

Distance from Property: 0.42 mi. W

SITE INFORMATION

ID#: 20882

NAME: OLD MUNICIPAL INCINERATOR

ADDRESS: 3 LENNOX AVENUE

GALVESTON, TX 77551

PROPERTY SIZE (Acres): 4.7

CURRENT OWNER: NOT REPORTED

USAGE TYPE: NOT REPORTED

CURRENT USE: NOT REPORTED

PROPERTY DESCRIPTION/ FORMER USE:

City municipal incinerator, city fire department training site

ENVIRONMENTAL ASSESSMENT ACTIVITY: PHASE I ENVIRONMENTAL ASSESSMENT

START DATE: 4/1/2003

COMPLETION DATE: 4/1/2003

CONTAMINATE(S): NOT REPORTED

CONTAMINATE(S)

CLEANED UP: NOT REPORTED

MEDIA(S) AFFECTED: NOT REPORTED

MEDIA(S)

CLEANED UP: NOT REPORTED

STATE & TRIBAL ENROLLMENT ID: NOT REPORTED

STATE & TRIBAL ENROLLMENT DATE: NOT REPORTED

PROPERTY NOT ENROLLED IN A STATE & TRIBAL PROGRAM?: NOT REPORTED

ARE INSTITUTIONAL CONTROLS REQUIRED?: NOT REPORTED



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AFFECTED PROPERTY ASSESSMENT REPORTS (APAR)

MAP ID# 16 Distance from Property: 0.42 mi. W

FACILITY INFORMATION

PROGRAM ID: 1962
FACILITY NAME: CITY OF GALVESTON
ADDRESS: #3 LENNOX AVE
GALVESTON ,TX 77551
COUNTY: GALVESTON

TYPE OF FACILITY: OLD MUNICIPAL INCINERATOR
CONTAMINANTS: METALS
FACILITY STATUS: INVESTIG

PROGRAM: VCP
PROGRAM STATUS: ACTIVE
APAR RECEIVED DATE: 09/18/2006

CONTACTS

APPLICANT: LEBLANC, STEVE

MAP ID# 16 Distance from Property: 0.42 mi. W

FACILITY INFORMATION

PROGRAM ID: 1962
FACILITY NAME: CITY OF GALVESTON
ADDRESS: #3 LENNOX AVE
GALVESTON ,TX 77551
COUNTY: GALVESTON

TYPE OF FACILITY: OLD MUNICIPAL INCINERATOR
CONTAMINANTS: METALS
FACILITY STATUS: INVESTIG

PROGRAM: VCP
PROGRAM STATUS: ACTIVE
APAR RECEIVED DATE: 09/18/2006

CONTACTS

APPLICANT: LEBLANC, STEVE



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 17

Distance from Property: 0.47 mi. SW

FACILITY INFORMATION

LPST ID#: **097473** FACILITY ID#: **0028601**

REPORTED DATE: **9/29/1990**

NAME: **CHEVRON STATION 60108372**

ADDRESS: **6027 BROADWAY
GALVESTON**

PRP INFORMATION

NAME: **CHEVRON USA INC**

ADDRESS: **PO BOX 4256
HOUSTON, TX 77210**

CONTACT: **ANDREW SPECKHARD**

PHONE: **713-754-3601**

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: **01/01/1983** STATUS(DATE): **REMOVED FROM GROUND (11/30/1989)**

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

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

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

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

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

SPILL/OVERFILL PROTECTION: **NOT REPORTED**



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LEAKING PETROLEUM STORAGE TANKS (LPST)

MAP ID# 17

Distance from Property: 0.47 mi. SW

FACILITY INFORMATION

LPST ID#: 093006 FACILITY ID#: 0028601

REPORTED DATE: 5/12/1989

NAME: CHEVRON SS 108372

ADDRESS: 6027 BROADWAY
GALVESTON

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

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

NO TANK INFORMATION AVAILABLE

PRP INFORMATION

NAME: CHEVRON USA INC

ADDRESS: PO BOX 4256
HOUSTON, TX 77210

CONTACT: MICHELLE COWHERD

PHONE: 713-219-5229



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CLOSED & ABANDONED LANDFILL INVENTORY (CALF)

MAP ID# 18

Distance from Property: 0.50 mi. N

SITE INFORMATION

ID: 1333

DATE OPEN: 0

SITE NAME: KELSO TRACT

DATE CLOSED: 0

LOCATION: N SIDE OF GALVESTON NEAR PERMIT #164

SIZE (ACRES): 0

COMMENTS

IDENTIFIED IN 1980 HIGHWAY MAPS FROM HOUSTON-GALVESTON AREA COUNCIL OF GOVERNMENTS SITE UNKNOWN TO COG
REP ,CORD. SET AT 7002 PT. INDUSTRIAL



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BROWNFIELDS MANAGEMENT SYSTEM (BF)

MAP ID# 19

Distance from Property: 0.50 mi. S

SITE INFORMATION

ID#: 11984
NAME: 57TH AND STEWART ST.
ADDRESS: NOT REPORTED
GALVESTON, TX
PROPERTY SIZE (Acres): NOT REPORTED
CURRENT OWNER: NOT REPORTED
USAGE TYPE: NOT REPORTED
CURRENT USE: NOT REPORTED
PROPERTY DESCRIPTION/ FORMER USE: NOT REPORTED
ENVIRONMENTAL ASSESSMENT ACTIVITY: PHASE I ENVIRONMENTAL ASSESSMENT
START DATE: 6/30/1999
COMPLETION DATE: 6/30/1999
CONTAMINATE(S): NOT REPORTED
CONTAMINATE(S)
CLEANED UP: NOT REPORTED
MEDIA(S) AFFECTED: NOT REPORTED
MEDIA(S)
CLEANED UP: NOT REPORTED
STATE & TRIBAL ENROLLMENT ID: NOT REPORTED
STATE & TRIBAL ENROLLMENT DATE: NOT REPORTED
PROPERTY NOT ENROLLED IN A STATE & TRIBAL PROGRAM?: NOT REPORTED
ARE INSTITUTIONAL CONTROLS REQUIRED?: NOT REPORTED



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

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

PIHW	Permitted Industrial Hazardous Waste Sites	(4/2008)
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Owner and facility information is included in this database of all permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. Permitted IHW facilities are regulated under 30 Texas Administrative Code Chapter 335 in addition to federal regulations.

PST	Petroleum Storage Tanks	(7/2008)
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The Petroleum Storage Tank database is administered by the TCEQ (Texas Commission on Environmental Quality). Both Underground storage tanks (USTs) and Aboveground storage tanks (ASTs) are included in this report. Petroleum Storage Tank registration has been a requirement with the TCEQ since 1986.

RRCVCP	Railroad Commission VCP and Brownfield Sites	(10/2008)
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According to the Railroad Commission of Texas, their Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

RWS	Radioactive Waste Sites	(7/2006)
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This TCEQ database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

SF	State Superfund	(2/2008)
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The state Superfund program mission is to remediate abandoned or inactive sites within the state that pose an unacceptable risk to public health and safety or the environment, but which do not qualify for action under the federal Superfund program (NPL - National Priority Listing). Information in this database includes any recent developments and the anticipated action for these sites.

SIEC01	State Institutional/Engineering Controls	(9/2008)
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The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of



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completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination.

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

TIERII	Tier II Chemical Reporting Program	(12/2006)
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The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2006 and 2005 calendar years.

VCP	Voluntary Cleanup Program	(9/2008)
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The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses.

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



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INDIANRES Indian Reservations (1/2000)

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

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands (5/2008)

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

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

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

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

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



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RCRA DESCRIPTIONS

Acronyms

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

Generator Types

Large Quantity Generators

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

Small Quantity Generators

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

Conditionally Exempt Small Quantity Generators

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

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



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