

## Appendix D

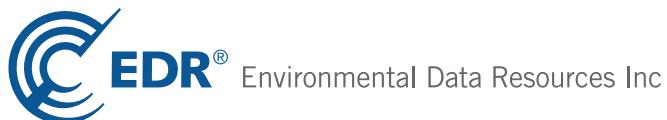
EDR Database Report Executive Summary and Radius Search Map  
Phase I Environmental Site Assessment Executive Summary

**FEMA E535-01 EA**

Rio Grande Dr / Jersey Meadows Dr  
Houston, TX 77040

Inquiry Number: 2664063.2s  
December 21, 2009

# The EDR Radius Map™ Report with GeoCheck®



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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

RIO GRANDE DR / JERSEY MEADOWS DR  
HOUSTON, TX 77040

#### COORDINATES

Latitude (North): 29.897000 - 29° 53' 49.2"  
Longitude (West): 95.574600 - 95° 34' 28.6"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 251382.4  
UTM Y (Meters): 3309978.0  
Elevation: 114 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 29095-H5 SATSUMA, TX  
Most Recent Revision: 1995

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

Proposed NPL..... Proposed National Priority List Sites

## EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Transporters, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

SHWS..... State Superfund Registry

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Permitted Solid Waste Facilities

CLI..... Closed Landfill Inventory

WasteMgt..... Commercial Hazardous & Solid Waste Management Facilities

### ***State and tribal leaking storage tank lists***

LPST..... Leaking Petroleum Storage Tank Listing

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

UST..... Petroleum Storage Tank Database

## EXECUTIVE SUMMARY

AST..... Petroleum Storage Tank Database  
INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal institutional control / engineering control registries**

AUL..... Sites with Controls

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Voluntary Cleanup Program Database

### **State and tribal Brownfields sites**

BROWNFIELDS..... Brownfields Site Assessments

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

#### **Local Lists of Hazardous waste / Contaminated Sites**

US CDL..... Clandestine Drug Labs  
DEL SHWS..... Deleted Superfund Registry Sites  
PRIORITYCLEANERS..... Dry Cleaner Remediation Program Prioritization List  
US HIST CDL..... National Clandestine Laboratory Register

#### **Local Land Records**

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System  
LIENS..... Environmental Liens Listing  
HIST LIENS..... Environmental Liens Listing

#### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Spills Database

#### **Other Ascertainable Records**

RCRA-NonGen..... RCRA - Non Generators  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees

## EXECUTIVE SUMMARY

|                       |   |
|-----------------------|---|
| UMTRA.....            | Uranium Mill Tailings Sites   |
| MINES.....            | Mines Master Index File   |
| TRIS.....             | Toxic Chemical Release Inventory System   |
| TSCA.....             | Toxic Substances Control Act  |
| FTTS.....             | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| HIST FTTS.....        | FIFRA/TSCA Tracking System Administrative Case Listing  |
| SSTS.....             | Section 7 Tracking Systems  |
| ICIS.....             | Integrated Compliance Information System  |
| PADS.....             | PCB Activity Database System  |
| MLTS.....             | Material Licensing Tracking System  |
| RADINFO.....          | Radiation Information Database  |
| FINDS.....            | Facility Index System/Facility Registry System  |
| RAATS.....            | RCRA Administrative Action Tracking System  |
| IOP.....              | Innocent Owner/Operator Program   |
| UIC.....              | Underground Injection Wells Database Listing  |
| DRYCLEANERS.....      | Drycleaner Registration Database Listing  |
| ENF.....              | Notice of Violations Listing  |
| Ind. Haz Waste.....   | Industrial & Hazardous Waste Database   |
| ED AQUIF.....         | Edwards Aquifer Permits   |
| AIRS.....             | Current Emission Inventory Data   |
| TIER 2.....           | Tier 2 Chemical Inventory Reports   |
| USD.....              | Municipal Settings Designations Database  |
| RWS.....              | Radioactive Waste Sites   |
| INDIAN RESERV.....    | Indian Reservations   |
| SCRD DRYCLEANERS..... | State Coalition for Remediation of Drycleaners Listing  |
| PCB TRANSFORMER.....  | PCB Transformer Registration Database   |

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

|                                   |   |
|-----------------------------------|---|
| Manufactured Gas Plants.....      | EDR Proprietary Manufactured Gas Plants |
| EDR Historical Auto Stations..... | EDR Proprietary Historic Gas Stations   |
| EDR Historical Cleaners.....      | EDR Proprietary Historic Dry Cleaners   |

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/01/2009 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

| <u>Equal/Higher Elevation</u>               | <u>Address</u> | <u>Direction / Distance</u>          | <u>Map ID</u>   | <u>Page</u>     |
|---|----------------|--------------------------------------|-----------------|-----------------|
| <b><i>JONES ROAD GROUND WATER PLUME</i></b> |                | <b><i>NW 1/2 - 1 (0.553 mi.)</i></b> | <b><i>1</i></b> | <b><i>7</i></b> |

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 09/01/2009 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

| <u>Equal/Higher Elevation</u>               | <u>Address</u> | <u>Direction / Distance</u>          | <u>Map ID</u>   | <u>Page</u>     |
|---|----------------|--------------------------------------|-----------------|-----------------|
| <b><i>JONES ROAD GROUND WATER PLUME</i></b> |                | <b><i>NW 1/2 - 1 (0.553 mi.)</i></b> | <b><i>1</i></b> | <b><i>7</i></b> |

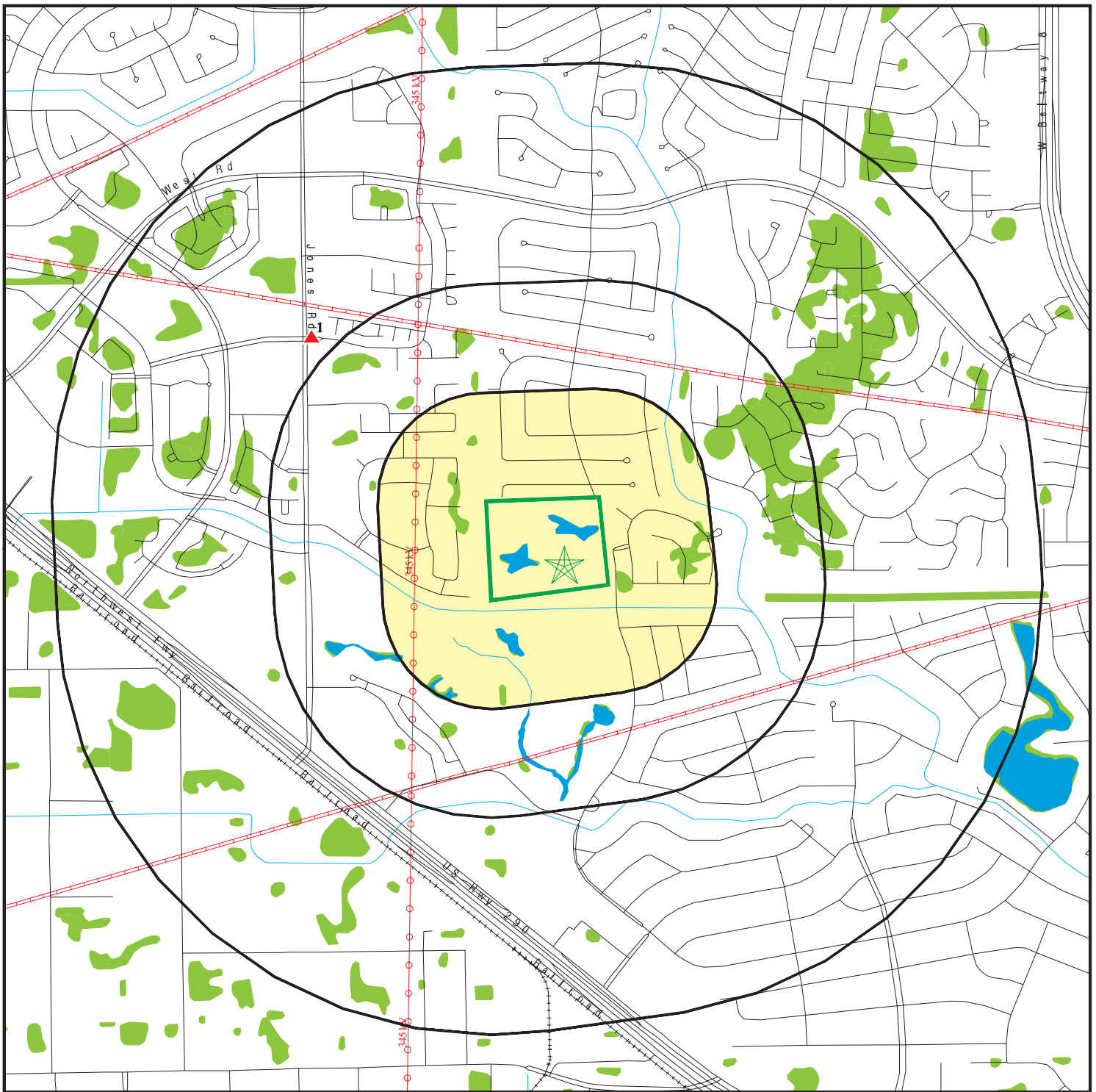












## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

| <u>Site Name</u>                   | <u>Database(s)</u> |
|------------------------------------|--------------------|
| AZTEC MANUFACTURING (HOUSTON)      | VCP,AUL            |
| FMR PLUS CLEANERS                  | PRIORITY CLEANERS  |
| BNSF GREEN'S BAYOU DERAILMENT      | CERCLIS            |
| RIO NEUQUEN/ALUMINUM PHOSPHIDE     | CERCLIS,FINDS      |
| EVERGREEN DEVELOPMENT LANDFILL     | LF                 |
| HOUSTON SOUTHWEST TRANSFER STATION | LF                 |
| DJ HOLCOMB LANDFILL                | LF                 |
| NGS LANDFILL                       | LF                 |
| SOUTHWESTERN ENVIRONMENTAL SOLID W | LF                 |
| ENVIRON TECH SOLID WASTE INCINERAT | LF                 |
| COMPLETE COMPLIANCE CORP TRANSFER  | LF                 |
| WPF OF HOUSTON COMPOSTING FACILITY | LF                 |
| NEGEV LANDFILL                     | LF                 |
| ECCOR TRANSFER STATION             | LF                 |
| BROWNING-FERRIS INDUSTRIES LANDFIL | LF                 |
| EVERGREEN DEVELOPMENT LANDFILL     | LF                 |
| AMERICAN REF-FUEL LIQUID WASTE INC | LF                 |
| CITY OF HOUSTON TRANSFER STATION F | LF                 |
| CITY OF HOUSTON TRANSFER STATION F | LF                 |
| DIAMOND SHAMROCK                   | LPST               |
| HILLCROFT TRANSIT CENTER           | LPST               |
| GRAPELAND                          | CLI                |

# OVERVIEW MAP - 2664063.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines
-  National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: FEMA E535-01 EA  
 ADDRESS: Rio Grande Dr / Jersey Meadows Dr  
 Houston TX 77040  
 LAT/LONG: 29.8970 / 95.5746

CLIENT: Crouch Environmental Services  
 CONTACT: Dave Young  
 INQUIRY #: 2664063.2s  
 DATE: December 21, 2009 5:35 pm

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**Phase I**

**Environmental Site Assessment and  
Wetland Reconnaissance**

**Proposed  
White Oak Bayou Detention Basin  
at Jersey Meadows**

**Harris County, Texas  
Purchase Order No. 0325064  
Project ID No. E535-01-00-R001**

*Prepared for:*  
**Harris County Flood Control District**



**Turner Collie & Braden Inc.**

*Environmental Planning*

0005 8 0 21 July 2000

**Environmental Site Assessment and Wetland Reconnaissance  
for Future Project E535-01-00-R001**

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**EXECUTIVE SUMMARY**

This study assesses the potential for selected environmental risks on the approximately 43-acre site west of White Oak Bayou designated as future project site E535-01-00-R001. The scope of this site assessment consisted of compiling and summarizing regulatory agency records, identifying pipelines, reviewing aerial photographs and maps which could provide some indication of past and current land uses, and conducting a site investigation and Wetland Reconnaissance. A summary of the most pertinent findings is as follows:

- A regulatory environmental database search revealed six separate sites within one mile of the site. These sites would not be expected to impact the E535-01-00 site.
- Jersey Meadow Golf Partners own the E535-01-00 site. Mr. Mims was not aware of any environmental incident that may indicate the presence of environmental contaminants on this property. The two ponds are used for stormwater collection and irrigation purposes, as is the closed eight-inch well, located onsite.
- The pesticides/herbicides Barricade, Sevin, Daconil, Kerb, and copper sulfate are used in accordance with the manufacturer's instructions on the site, and should not pose a health or environmental risk. It is recommended that these products not be applied on the site within 48 hours of site development to protect workers from the skin and eye irritations these products can cause.
- Several overhead electrical lines and buried utility lines are present on or immediately adjacent to the site. The presence of pipelines and utility lines within the property boundaries will require coordination with the owners prior to commencing construction or excavation activities.
- No potentially jurisdictional waters of the United States, including wetlands, are located on the site. Since man-made ponds created in uplands and used continuously for the original purpose of irrigation are not considered jurisdictional by the United States Army Corps of Engineers, Ponds 1 and 2, should not be considered jurisdictional waters of the United States under Section 404 of the Clean Water Act, and will not require a wetland delineation. The United States Army Corps of Engineers, however, has taken jurisdiction of similar areas in the past and the potential for them to do so is present. Complete documentation including purpose for the ponds, their continuous use, and their date of creation should be prepared in the event that HCFCD is questioned regarding the jurisdiction of these ponds.

Turner Collie & Braden Inc. conducted the evaluation described in this report in accordance with American Society for Testing and Materials (ASTM) Designation: E 1527-97 - *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and in a manner consistent with the level of care and skill ordinarily exercised by members of the

**Environmental Site Assessment and Wetland Reconnaissance  
for Future Project E535-01-00-R001**

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engineering profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty or guarantee, expressed or implied, is made.