

APPENDIX E
REGULATORY DATABASE SEARCH RESULTS



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Marshall USARC
1209 East Pinecrest Drive
Marshall, TX 75670**

Inquiry Number: 1717133.2s

July 18, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-13
Physical Setting Source Map Findings	A-14
Physical Setting Source Records Searched	A-36

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

1209 EAST PINECREST DRIVE
MARSHALL, TX 75670

COORDINATES

Latitude (North): 32.527800 - 32° 31' 40.1"
Longitude (West): 94.354400 - 94° 21' 15.8"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 372800.2
UTM Y (Meters): 3599559.8
Elevation: 328 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32094-E3 MARSHALL EAST, TX
Most Recent Revision: 1978

West Map: 32094-E4 MARSHALL WEST, TX
Most Recent Revision: 1978

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
MARSHALL USARC 1209 PINECREST DRIVE EAST MARSHALL, TX 75670	RCRA-SQG FINDS	TXR000043711

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:

FEDERAL RECORDS

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
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)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	State Superfund Registry
IOP	Innocent Owner/Operator Program
SWF/LF	Permitted Solid Waste Facilities
CLI	Closed Landfill Inventory
WasteMgt	Commercial Hazardous & Solid Waste Management Facilities
UST	Petroleum Storage Tank Database
AST	Petroleum Storage Tank Database
LIENS	Environmental Liens Listing
DEL SHWS	Deleted Superfund Registry Sites
TX Spills	Spills Database
AUL	Sites with Controls
TX VCP	Voluntary Cleanup Program Database
DRYCLEANERS	Drycleaner Registration Database Listing
BROWNFIELDS	Brownfields Site Assessments
ENF	Notice of Violations Listing
Ind. Haz Waste	Industrial & Hazardous Waste Database
ED AQUIF	Edwards Aquifer Permits
AIRS	Current Emission Inventory Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
----------------------	---------------------

EXECUTIVE SUMMARY

INDIAN UST..... USTs on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

EDR Historical Auto StationsEDR Proprietary Historic Gas Stations

EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

STATE AND LOCAL RECORDS

LTANKS: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Texas Commission on Environmental Quality's Leaking Petroleum Storage Tank Database.

A review of the LTANKS list, as provided by EDR, and dated 05/04/2006 has revealed that there is 1 LTANKS site within approximately 0.5 miles of the target property.

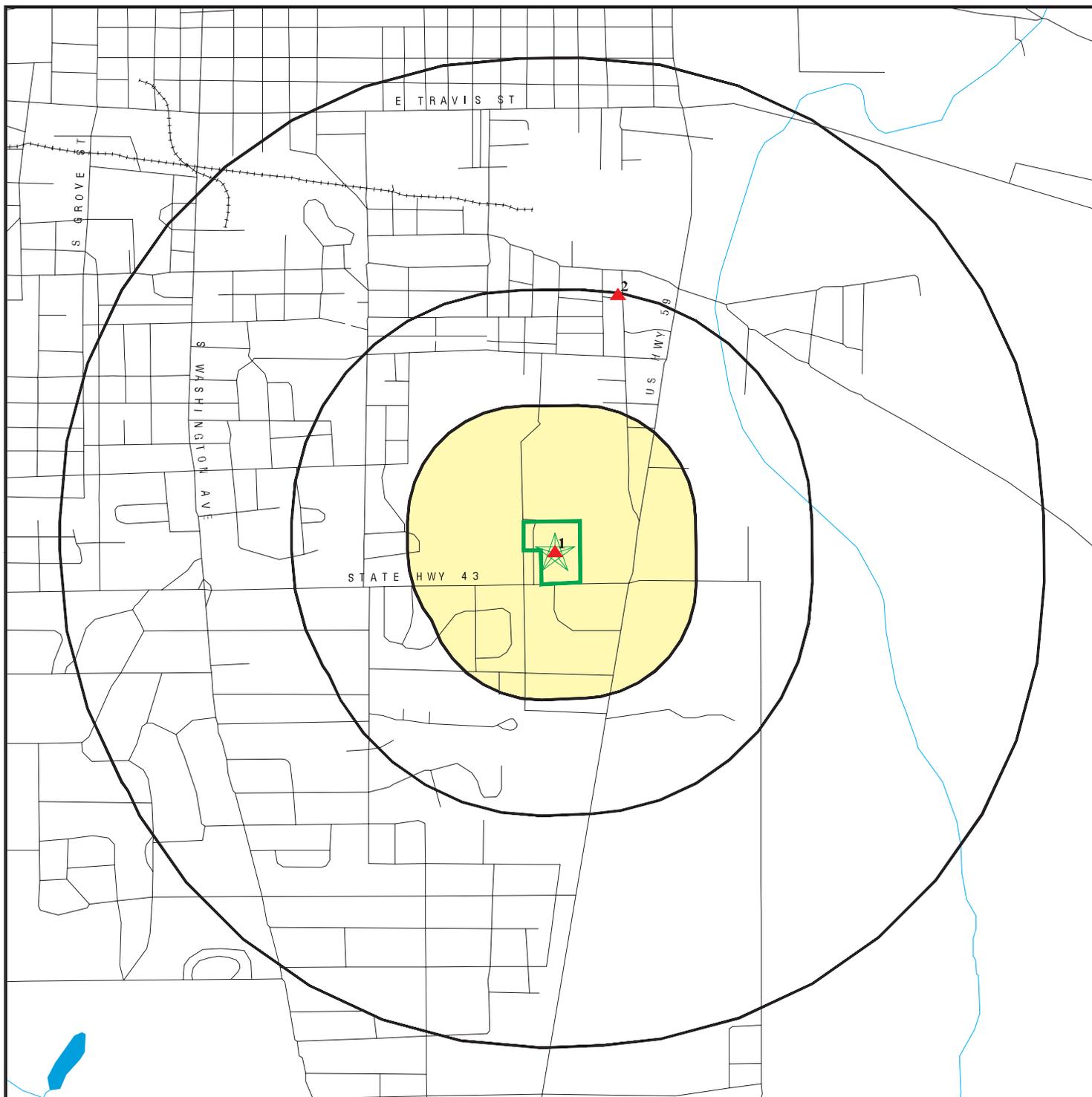
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MARSHALL WWTP</i>	<i>FIVE NOTCH RD</i>	<i>1/4 - 1/2N</i>	<i>2</i>	<i>6</i>
Status Code: FINAL CONCURRENCE ISSUED, CASE CLOSED				

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
MARSHALL CITY OF LANDFILL	CERC-NFRAP
WOLIVARS CORNER	UST
FUGLERS GROCERY & MARKET	UST
RED SIMPSON INC	RCRA-SQG, FINDS
B AND J COLLISION REPAIRS INC	RCRA-SQG, FINDS
ENTERGY POWER VENTURES LP	RCRA-SQG, FINDS

OVERVIEW MAP - 1717133.2s



-  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
-  Landfill Sites
-  Dept. Defense Sites

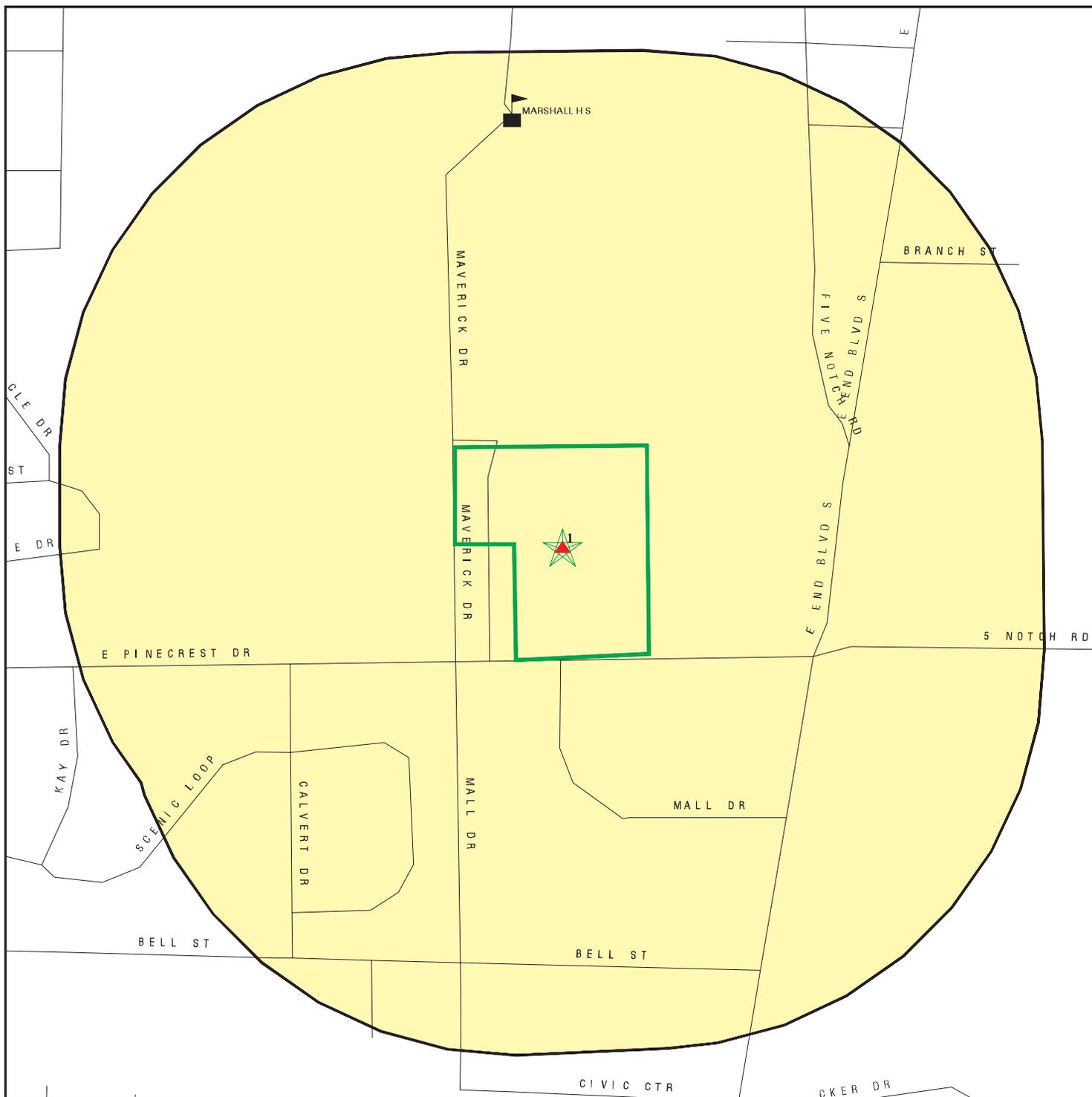
-  Indian Reservations BIA
-  Oil & Gas pipelines

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: Marshall USARC
 ADDRESS: 1209 East Pinecrest Drive
 Marshall TX 75670
 LAT/LONG: 32.5278 / 94.3544

CLIENT: ENSAFE
 CONTACT: Phil Hardy
 INQUIRY #: 1717133.2s
 DATE: July 18, 2006

DETAIL MAP - 1717133.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Landfill Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Oil & Gas pipelines



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: Marshall USARC
 ADDRESS: 1209 East Pinecrest Drive
 Marshall TX 75670
 LAT/LONG: 32.5278 / 94.3544

CLIENT: ENSAFE
 CONTACT: Phil Hardy
 INQUIRY #: 1717133.2s
 DATE: July 18, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
IOP		TP	NR	NR	NR	NR	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CLI		0.500	0	0	0	NR	NR	0
WasteMgt		TP	NR	NR	NR	NR	NR	0
LTANKS		0.500	0	0	1	NR	NR	1
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	0	0	0	NR	0
TX Spills		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
TX VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Ind. Haz Waste	TP		NR	NR	NR	NR	NR	0
ED AQUIF	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations	TP		NR	NR	NR	NR	NR	0
EDR Historical Cleaners	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1 **MARSHALL USARC**
Target **1209 PINECREST DRIVE EAST**
Property **MARSHALL, TX 75670**

RCRA-SQG **1005418615**
FINDS **TXR000043711**

Actual:
329 ft.

RCRAInfo:
 Owner: 90TH REGIONAL SUPPORT COMMAND
 (501) 771-7992
 EPA ID: TXR000043711
 Contact: JAMES WHEELER
 (501) 771-7992
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

2 **MARSHALL WWTP**
North **FIVE NOTCH RD**
1/4-1/2 **MARSHALL, TX 75670**
2625 ft.

UST **U001277118**
LTANKS **N/A**

Relative:
Higher

LTANKS:
 Facility ID: 0045526
 Facility Location: 5 NOTCH ROAD
 Reported Date: 1/28/1993
 Entered Date: 3/11/1993
 RPR Coordinator: RPR
 Region: 05
 Region City ID: TYLER
 LPST Id: 106053
 Responsible Party CITY OF MARSHALL
 RP Contact: LARRY MICHELS
 RP Telephone: 903/935-4510
 RP Address: PO BOX 698
 MARSHALL, TX 75670
 Priority: MINOR SOIL CONTAMINATION - DOES NOT REQUIRE A RAP
Status: **FINAL CONCURRENCE ISSUED, CASE CLOSED**

UST:

Facility ID:	0045526	Tank Installer:	Not reported
Tank ID:	1	Installation Date:	01/01/1988
Tank Emptied:	No	Status Date:	01/12/1993
Capacity:	550	Unit ID:	00119231
Tank Material of Construction:	Fiberglass-Reinforced Plastic (FRP)		
Pipe Material of Construction:	Steel		
Other Materials of Construction:	Not reported		
Tank Status:	Removed from the Ground		
Tank Construction & Containment:	Not reported		
Pipe Construction & Containment:	Not reported		
Other Construction & Containment:	Not reported		
Compartment Substance Stored:	Diesel		
Compartment Other Substance:	Not reported		
Tank Release Detection Method:	Not reported		
Tank Release Method Detection II:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MARSHALL WWTP (Continued)

U001277118

Tank Release Method Detection III:	Not reported
Other Tank Release Method Detection:	None
Tank Release Detection Variance :	No Variance
Pipe Release Detection Method:	Not reported
Other Pipe Release Detection Method :	None
Pipe Release Detection Variance :	No Variance
Spill and Overfill Protection:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Corrosion Protection:	Not reported
Other Corrosion Protection:	None
Vapor Recovery Equipment Status:	Not reported
Equipment Installed Date:	Not reported
Equipment Installer:	Not reported
Contractor Registration Number:	Not reported
Tank Registration Date:	02/09/1988
Installer License Number:	Not reported
Operator Name:	Not reported
Operator Telephone number:	Not reported
Operator Address:	
Operator Address building:	Not reported
Contact Operator Name:	
Contact Operator title:	Not reported
Contact Operator Phone:	Not reported
Self-Certification date:	Not reported
Signature Name:	Not reported
Signature Title Name:	Not reported
Signature Type Text:	Not reported
Certification Submitted Type:	Not reported
Registration Self-Certification Flag:	Not reported
Fees Self-Certification Flag:	Not reported
Financial Assurance Self-Certification flag:	Not reported
Technical standards Self-Certification flag:	Not reported
UST Delivery Certificate Expiration Date:	Not reported
Compartment letter:	Not reported
Financial Responsibility Type:	Not reported
Corrective Action Met Flag:	Not reported
Third Party Met Flag:	Not reported
Financial Assurance Beginning Date:	Not reported
Piping Design & Ext. Containment 3 :	Not reported
Piping Design & Ext. Containment 4 :	Not reported
Type of Piping :	Not reported
Internal Tank Lining Date :	00/00/0000
Pipe Connectors and Valves 1 :	Not reported
Pipe Connectors and Valves 2 :	Not reported
Pipe Connectors and Valves 3 :	Not reported
Other Tank Corrosion Protection Text:	None
Tank Corrosion Protection Variance :	No Variance
Pipe Corrosion Protection 3 :	Not reported
Pipe Corrosion Protection Variance :	No Variance
Stage 2 Vapor Recry Equipment Status :	Not reported
Stage 1 Equipment Installed Date :	Not reported
Tank Tested :	Tested
Compartment Capacity :	0000000
Owner ID :	10043
Owner Name :	CITY OF MARSHALL
Owner Address :	MARSHALL, TX 75671
Owner Contact Telephone :	903-935-4510

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MARSHALL WWTP (Continued)

U001277118

Owner Type : L
Owner Amendment Reason Code : 035
Owner Amendment Date : 04/01/09
Owner Tax ID : Not reported
Number of Facilities reported by Owner : 0004
Mail Undeliverable : Not reported
Bankruptcy In Effect : Not reported
Of Underground Storage Tanks : 0009
Of Aboveground Storage Tanks : 0001
Operator Effective Date : Not reported
Operator Type : L
Owner Contact Name:
Date Registration Form Received : 09/88/02
Facility Type : None of the above, or unidentified
Name of Facility Manager : BILL GIBSON
Title of Facility Manager : TREATMENT MANAGER
Facility Manager Phone : 9039354510
Sign Name on Registration Form : BILL GIBSON
Title of Signer of Registration Form : TREATMENT MANAGER
Date of Signature on Registration Form : 020388
Number of USTs: 0001
Number of ASTs: 0000
Facility PO Box : Not reported
Owner PO Box : PO BOX 698
Region Number : 05
Facility in Ozone non-attainment area : Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARSHALL	1001233800	RED SIMPSON INC	6741 HWY 154	75670	RCRA-SQG, FINDS
MARSHALL	U001274777	WOLIVARS CORNER	HWY 2208	75670	UST
MARSHALL	U003407219	FUGLERS GROCERY & MARKET	RT 5 HWY 154	75670	UST
MARSHALL	1004784744	B AND J COLLISION REPAIRS INC	HWY 59 9M N OF MARSHALL	75670	RCRA-SQG, FINDS
MARSHALL	1003874591	MARSHALL CITY OF LANDFILL	5 NOTCH RD S OF I-20	75670	CERC-NFRAP
MARSHALL	1006811778	ENTERGY POWER VENTURES LP	12039 STATE HIGHWAY 43 S	75672	RCRA-SQG, FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing 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). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/14/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 06/22/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: State Superfund Registry

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/07/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/07/2006
Number of Days to Update: 19

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5680
Last EDR Contact: 07/14/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

IOP: Innocent Owner/Operator Program

Contains information on all sites that are in the IOP. An IOP is an innocent owner or operator whose 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.

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/07/2006
Number of Days to Update: 21

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5894
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Quarterly

SWF/LF: Permitted Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 40

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6706
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Quarterly

CLI: Closed Landfill Inventory

Closed and abandoned landfills (permitted as well as unauthorized) across the state of Texas.

Date of Government Version: 08/30/1999
Date Data Arrived at EDR: 09/28/2000
Date Made Active in Reports: 10/30/2000
Number of Days to Update: 32

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6016
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Varies

WASTEMGT: Commercial Hazardous & Solid Waste Management Facilities

This list contains commercial recycling facilities and facilities permitted or authorized (interim status) by the Texas Natural Resource Conservation Commission.

Date of Government Version: 11/01/2003
Date Data Arrived at EDR: 02/17/2004
Date Made Active in Reports: 03/04/2004
Number of Days to Update: 16

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2920
Last EDR Contact: 05/04/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LTANKS: Leaking Petroleum Storage Tank Database

An inventory of reported leaking petroleum storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/04/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 06/07/2006
Number of Days to Update: 30

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2200
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Quarterly

UST: Petroleum Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/26/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 14

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Quarterly

AST: Petroleum Storage Tank Database

Registered Aboveground Storage Tanks.

Date of Government Version: 04/26/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 05/25/2006
Number of Days to Update: 17

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Quarterly

LIENS: Environmental Liens Listing

The listing covers TCEQ liens placed against either State Superfund sites or Federal Superfund sites to recover cost incurred by TCEQ.

Date of Government Version: 01/27/2006
Date Data Arrived at EDR: 01/27/2006
Date Made Active in Reports: 02/13/2006
Number of Days to Update: 17

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2209
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Varies

DEL SHWS: Deleted Superfund Registry Sites

Sites have been deleted from the state Superfund registry in accordance with the Act, ?361.189

Date of Government Version: 04/07/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/12/2006
Number of Days to Update: 16

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0666
Last EDR Contact: 07/14/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

SPILLS: Spills Database

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/13/2006
Date Made Active in Reports: 05/12/2006
Number of Days to Update: 29

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0983
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 06/07/2006
Number of Days to Update: 36

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5891
Last EDR Contact: 05/02/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Database

The Texas Voluntary Cleanup Program was established to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas.

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 06/07/2006
Number of Days to Update: 36

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5891
Last EDR Contact: 05/02/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

VCP: Voluntary Cleanup Program Sites

The 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.

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/12/2006
Number of Days to Update: 10

Source: Railroad Commission of Texas
Telephone: 512-463-6969
Last EDR Contact: 05/02/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Registration Database Listing

A listing of drycleaning facilities.

Date of Government Version: 04/04/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 05/12/2006
Number of Days to Update: 38

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Site Assessments

Brownfield site assessments that are being cleaned under EPA grant monies.

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/12/2006
Number of Days to Update: 10

Source: TCEQ
Telephone: 512-239-5872
Last EDR Contact: 05/02/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Semi-Annually

ENFORCEMENT: Notice of Violations Listing

A listing of permit violations.

Date of Government Version: 06/21/2006
Date Data Arrived at EDR: 06/27/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 15

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6012
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Semi-Annually

Ind. Haz Waste: Industrial & Hazardous Waste Database

Summary reports reported by waste handlers, generators and shippers in Texas.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/16/2005
Date Made Active in Reports: 06/09/2005
Number of Days to Update: 24

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0985
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ED AQUIF: Edwards Aquifer Permits

A listing of permits in the Edwards Aquifer Protection Program database. The information provided is for the counties located in the Austin Region (Hays, Travis, and Williamson counties).

Date of Government Version: 05/10/2006
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 06/07/2006
Number of Days to Update: 27

Source: Texas Commission on Environmental Quality, Austin Region
Telephone: 512-339-2929
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

AIRS: Current Emission Inventory Data

The database lists by company, along with their actual emissions, the TNRCC air accounts that emit EPA criteria pollutants.

Date of Government Version: 08/31/2005
Date Data Arrived at EDR: 01/25/2006
Date Made Active in Reports: 03/08/2006
Number of Days to Update: 42

Source: Texas Commission on Environmental Quality
Telephone: N/A
Last EDR Contact: 07/14/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN UST: USTs on Indian Land

Date of Government Version: 12/14/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/23/2006
Number of Days to Update: 40

Source: Environmental Protection Agency, Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Protective & Regulatory Services

Telephone: 512-438-3269

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MARSHALL USARC
1209 EAST PINECREST DRIVE
MARSHALL, TX 75670

TARGET PROPERTY COORDINATES

Latitude (North):	32.52780 - 32° 31' 40.1"
Longitude (West):	94.3544 - 94° 21' 15.8"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	372800.2
UTM Y (Meters):	3599559.8
Elevation:	328 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32094-E3 MARSHALL EAST, TX
Most Recent Revision:	1978
West Map:	32094-E4 MARSHALL WEST, TX
Most Recent Revision:	1978

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

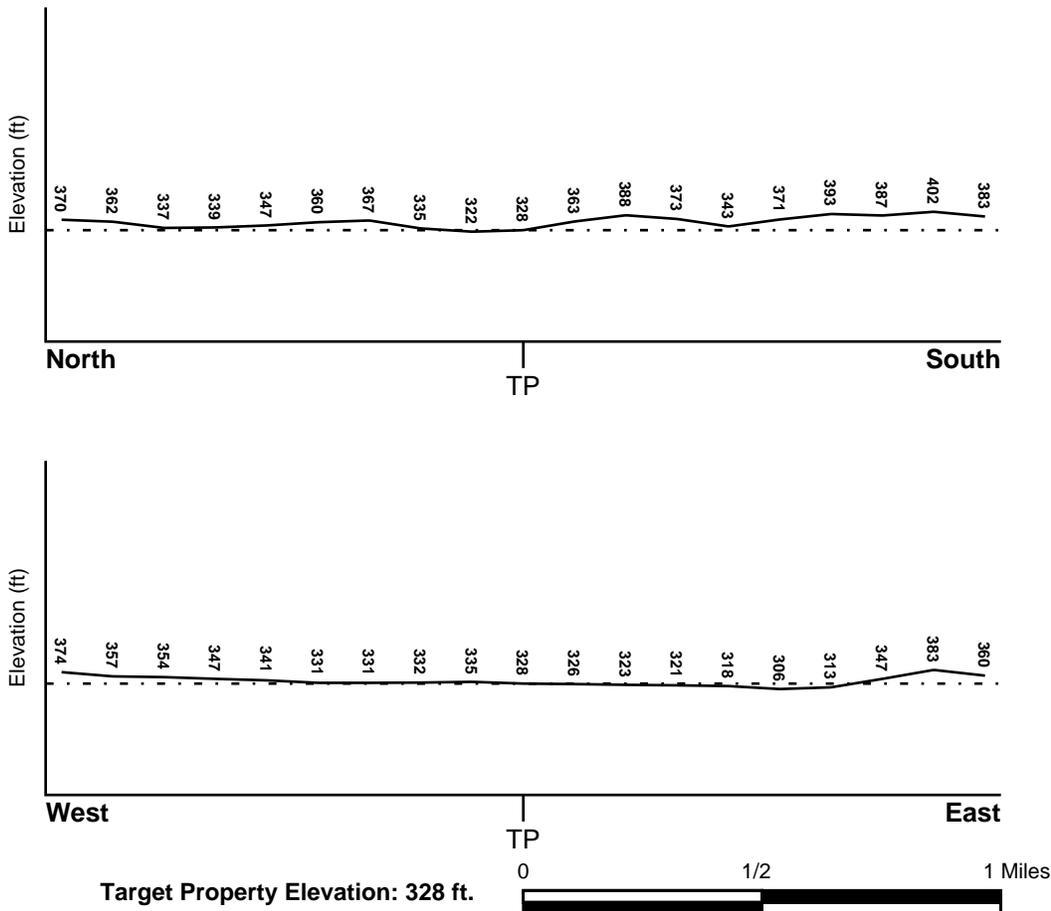
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
HARRISON, TX	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MARSHALL EAST	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

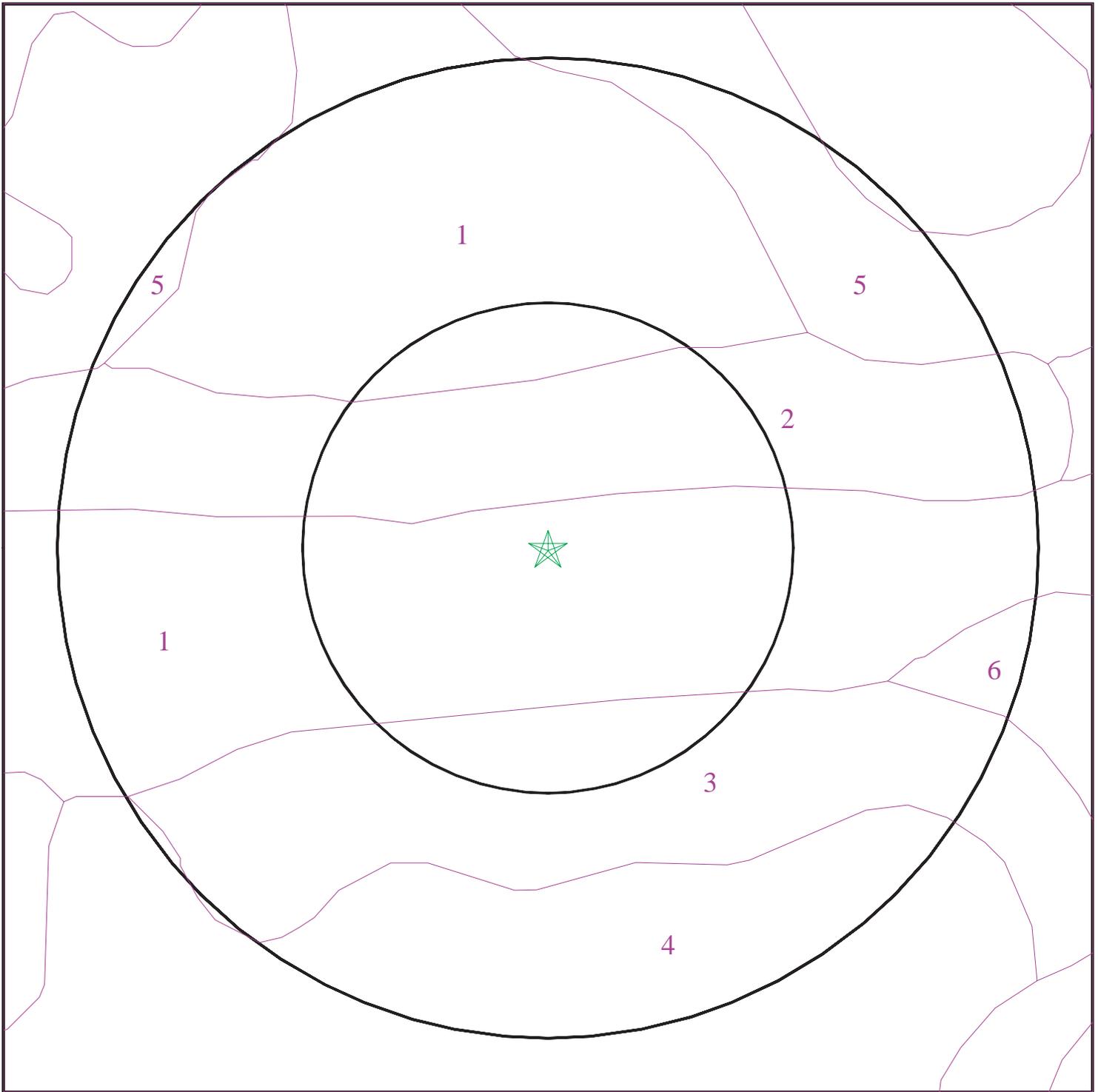
Era: Cenozoic
System: Tertiary
Series: Eocene Claiborne Group
Code: Te2 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 1717133.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Marshall USARC
ADDRESS: 1209 East Pinecrest Drive
Marshall TX 75670
LAT/LONG: 32.5278 / 94.3544

CLIENT: ENSAFE
CONTACT: Phil Hardy
INQUIRY #: 1717133.2s
DATE: July 18, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: BERNALDO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
2	3 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
3	11 inches	43 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	43 inches	80 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50

Soil Map ID: 2

Soil Component Name: MOOREVILLE

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
2	6 inches	52 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	52 inches	80 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50

Soil Map ID: 3

Soil Component Name: CUTHBERT

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 4.50

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	6 inches	26 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 5.50 Min: 3.60
3	26 inches	34 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 5.50 Min: 3.60
4	34 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 5.00 Min: 3.60

Soil Map ID: 4

Soil Component Name: KIRVIN

Soil Surface Texture: gravelly - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	gravelly - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.10
2	8 inches	32 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 5.50 Min: 3.60
3	32 inches	41 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 5.00 Min: 3.60
4	41 inches	61 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 5.00 Min: 3.60

Soil Map ID: 5

Soil Component Name: CUTHBERT

Soil Surface Texture: gravelly - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 4.50
2	14 inches	30 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 5.50 Min: 3.60
3	30 inches	36 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 5.50 Min: 3.60
4	36 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 5.00 Min: 3.60

Soil Map ID: 6

Soil Component Name: WOLFPEN

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	4 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 4.50
2	4 inches	35 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 4.50
3	35 inches	50 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
4	50 inches	80 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

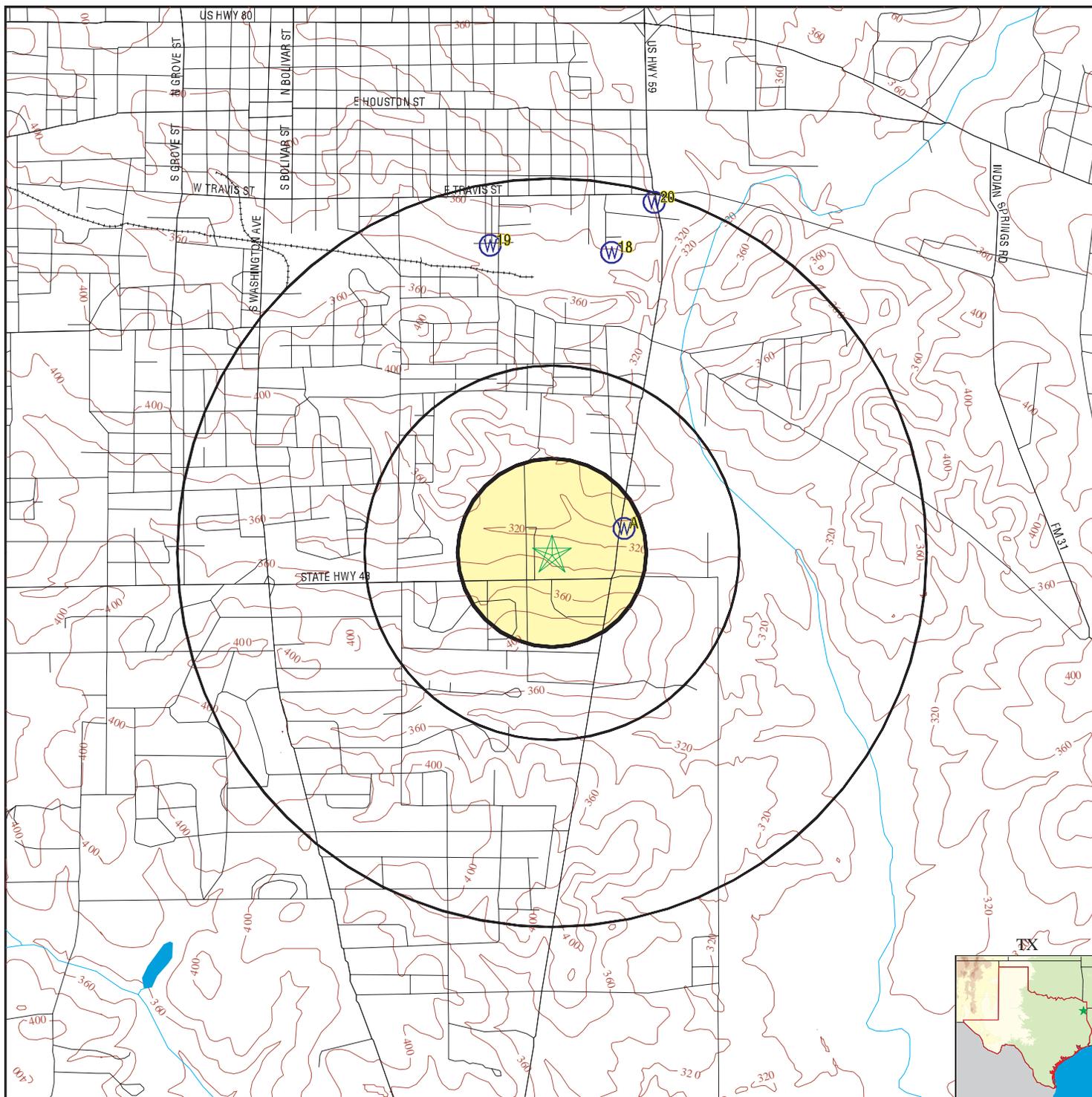
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	TXD1029683	1/8 - 1/4 Mile ENE
A2	TXD1029684	1/8 - 1/4 Mile ENE
A3	TXD1029682	1/8 - 1/4 Mile ENE
A4	TXD1029671	1/8 - 1/4 Mile East
A5	TXD1029672	1/8 - 1/4 Mile East
A6	TXD1029690	1/8 - 1/4 Mile ENE
A7	TXD1029676	1/8 - 1/4 Mile ENE
A8	TXD1029675	1/8 - 1/4 Mile ENE
A9	TXD1029674	1/8 - 1/4 Mile ENE
A10	TXD1029686	1/8 - 1/4 Mile ENE
A11	TXD1029687	1/8 - 1/4 Mile ENE
A12	TXD1029685	1/8 - 1/4 Mile ENE
A13	TXD1029688	1/8 - 1/4 Mile ENE
A14	TXD1029678	1/8 - 1/4 Mile ENE
A15	TXD1029677	1/8 - 1/4 Mile ENE
A16	TXD1029689	1/8 - 1/4 Mile ENE
A17	TXD1029679	1/8 - 1/4 Mile ENE
18	TX0000000013458	1/2 - 1 Mile North
19	TX0000000013457	1/2 - 1 Mile NNW
20	TXD1029817	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 1717133.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil or gas wells (in certain Texas counties)

SITE NAME: Marshall USARC
 ADDRESS: 1209 East Pinecrest Drive
 Marshall TX 75670
 LAT/LONG: 32.5278 / 94.3544

CLIENT: ENSAFE
 CONTACT: Phil Hardy
 INQUIRY #: 1717133.2s
 DATE: July 18, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029683

Rec id:	21649		
Edr site i:	61130	Edr record:	1
Owner name:	TIE INVESTORS LLC	Ownerwell:	SB # 11
Address:	429 MEMORY LANE	Citystatez:	WOODLAWN ,TX75694
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 05 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To		8 ft
Dmethod:	Not Reported		
Bcompleto:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companynam:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-1 RED AND TAN MOTTLED CLAY SAND1-2 GRAY SILT2-4 LIGHT GRAY CLAY4-8 GRAY AND ORANGE TAN MOTTLED SILTY CLAY		
Typesettin:	Not Reported		
Oid :	111		

A2
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029684

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec id:	21650	Edr record:	1
Edr site i:	60890	Ownerwell:	SB # 10
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 05 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To		8 ft
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-2 REDDISH ORANGE SANDY LOAM2-5 SILTY LOAM, GRAY 5-7 GRAY & RED MOTTLED CLAY WITH ORGANIC MATERIAL7-8 DARK RED AND LIGHT GRAY CLAY WITH SANDSTONE PEBBLES		
Typesettin:	Not Reported		
Oid :	111		

**A3
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029682

Rec id:	21418	Edr record:	1
Edr site i:	18773	Ownerwell:	SB # 1
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 05 W
Elevation:	No Data	Gpsused:	GARMIN

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To	10 ft	
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsize:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-2 ORANGE TAN AND LIGHT GRAY MOTTLED SANDY LOAM2-4 ORANGISH TO TAN SANDY LOAM WITH 6 LAYERS OF REDDISH BROWN SILTY CLAY4-6 GRAY SANDY LOAM WITH 6 LAYERS OF SILTY ALAY (BROWN AND RED)6-7 GRAY S LOAM WITH 6 LAYERS OF SILTY CLAY7-8 GRAY SANDY LOAM		
Typesettin:	Not Reported		
Oid :	111		

**A4
East
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029671

Rec id:	21464	Edr record:	1
Edr site i:	45603	Ownerwell:	MW # 1
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcystate:	MARSHALL ,TX	Lat:	32° 31 42N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	9/4/2003	Completedd:	9/4/2003
Diameter:	8 in From Surface To	15 ft	
Dmethod:	Hollow Stem Auger		
Bcompletio:	Not Reported		
Packedfrom:	3 ft to 15 ft		
Packsize:	20/40		
Finterval:	From 0 ft to 1 ft with	2 CONCRETE	(#sacks and material)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	HAND MIX	Cementedby:	DIXIE DRILLING
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Variance:	No Data
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data		
Packers:	BENTONITE CHIPS		1-3
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-5 DARK REDDISH BROWN SANDY CLAY5-11 LIGHT TAN REDDISH SILTY CLAY11-13 DARK REDDISH CLAYEY SAND13-15 DARK GRAY SILTY SANDY SHALE		
Typesettin:	2 NEW PVC RISER	0-5	SCH 402 NEW
Oid :	PVC SCREEN	5-15	.010
	111		

**A5
East
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029672

Rec id:	21641		
Edr site i:	62889	Edr record:	1
Owner name:	TIE INVESTORS LLC	Ownerwell:	SB #7
Address:	429 MEMORY LANE	Citystatez:	WOODLAWN ,TX75694
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 42N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To		12 ft
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-2 ORANGE SANDY CLAY2-6 ORANGE, BROWN AND GRAY MOTTLED SILTY CLAY & SAND LOAM6-9 GRAY SILTY CLAY9-12 ORANGE BROWN SANDY CLAY		
Typesettin:	Not Reported		
Oid :	111		

**A6
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029690

Rec id:	17140			
Edr site i:	53322	Edr record:	1	
Owner name:	TIE INVESTORS LLC	Ownerwell:	SB # 6	
Address:	429 MEMORY LANE	Citystatez:	WOODLAWN	,TX75694
Grid:	35-30-7			
Waddress:	1996 HWY 59			
Wcystate:	MARSHALL ,TX	Lat:	32°	31 45N
Wcounty:	Harrison	Lon:	094°	21 05 W
Elevation:	No Data	Gpsused:	GARMIN	
Typeofwork:	New Well	Propuse:	Environmental Soil Boring	
Sdate:	9/3/2003	Completedd:	9/3/2003	
Diameter:	1.5 in From Surface To	5 ft		
Dmethod:	Not Reported			
Bcompletio:	Not Reported			
Packedfrom:	Not Reported			
Packsizes:	Not Reported			
Finterval:	No Data			
Sinterval:	No Data			
Tinterval:	No Data			
Usedmethod:	Not Reported	Cementedby:	Not Reported	
Contaminat:	Not Reported	Propertyli:	Not Reported	
Verrimetho:	Not Reported	Variance:	Not Reported	
Surface:	No Data	Staticleve:	No Data	
Flow:	No Data			
Packers:	No Data			
Cementinwe:	No Data	Typepump:	No Data	
Pumpbowl:	Not Reported	Welltests:	No Data	
Yield:	Not Reported			
Watertype:	No Data	Stratadept:	No Data	
Chemicalma:	No Data	Undesirabl:	No	
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required			
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY	
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707	
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Regnum: No Data
 Comments: No Data
 Ftdescript: 0-2 ORANGE SANDY LOAM2-4 ORANGE SILTY CLAY WITH LIGHT GRAY SILTY SAND4-5 SILTY CLAY
 Typesettin: Not Reported
 Oid : 111

**A7
 ENE
 1/8 - 1/4 Mile
 Lower**

TX WELLS TXD1029676

Rec id:	21439	Edr record:	1
Edr site i:	69859	Ownerwell:	MW # 3
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 43N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	9/4/2003	Completedd:	9/4/2003
Diameter:	8 in From Surface To		18 ft
Dmethod:	Hollow Stem Auger		
Bcompletio:	Not Reported		
Packedfrom:	6 ft to 18 ft		
Packsizes:	20/40		
Finterval:	From 0 ft to 1 ft with		2 CONCRETE (#sacks and material)
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	HAND MIX	Cementedby:	DIXIE DRILLING
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Variance:	No Data
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data		
Packers:	BENTONITE CHIPS		1-6
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-5 DARK REDDISH BROWN SANDY CLAY5-11 LIGHT TAN REDDISH SILTY CLAY11-15 DARK REDDISH CLAYEY SAND15-18 DARK GRAY SILTY SANDY SHALE		
Typesettin:	2 NEW PVC RISER	0-8	SCH 402 NEW
	PVC SCREEN	8-18	.010
Oid :	111		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A8
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029675

Rec id:	21374	Edr record:	1
Edr site i:	36667	Ownerwell:	SB # 17
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcystate:	MARSHALL ,TX	Lat:	32° 31 43N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To	5 ft	
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companynam:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-2 TAN SAND 2-5 TAN AND REDDISH MOTTLED CLAYEY SAND WITH IRON DEPOSITS AT 4-5		
Typesettin:	Not Reported		
Oid :	111		

A9
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029674

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec id:	17144	Edr record:	1
Edr site i:	52697	Ownerwell:	SB # 2
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 43N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To		8 ft
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsiz:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO ,TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-4 ORANGISH GRAY AND TAN MOTTLED SANDY LOAM4-8 GRAY SANDY LOAM WITH LAYERS OF RED SILTY CLAY		
Typesettin:	Not Reported		
Oid :	111		

**A10
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029686

Rec id:	21648	Edr record:	1
Edr site i:	61758	Ownerwell:	SB # 12
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To	5	ft
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsiz:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-4 TAN AND ORANGISH BROWN MOTTLED SILTY CLAY4-5 RED, ORANGE, BROWN AND LIGHT GRAY MOTTLED CLAY		
Typesettin:	Not Reported		
Oid :	111		

**A11
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029687

Rec id:	21397	Edr record:	1
Edr site i:	31634	Ownerwell:	SB # 4
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To	8	ft
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsiz:	Not Reported		
Finterval:	No Data		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-4 FILL MATERIAL, BROWN AND LIGHT BROWN SILT & CLAY4-8 RED, ORANGE, BROWN AND LIGHT GRAY MOTTLED CLAY		
Typesettin:	Not Reported		
Oid :	111		

**A12
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029685

Rec id:	21647		
Edr site i:	61763	Edr record:	1
Owner name:	TIE INVESTORS LLC	Ownerwell:	SB # 13
Address:	429 MEMORY LANE	Citystatez:	WOODLAWN ,TX75694
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 04 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To	5 ft	
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-3.5 TAN SANDY CLAY GRADING TO BROWN AND ORANGE BROWN SILTY CLAY3.5-5 LIGHT TAN & RED MOTTLED SA SILTY CLAY		
Typesettin:	Not Reported		
Oid :	111		

**A13
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029688

Rec id:	21646			
Edr site i:	61783	Edr record:	1	
Owner name:	TIE INVESTORS LLC	Ownerwell:	SB # 14	
Address:	429 MEMORY LANE	Citystatez:	WOODLAWN ,TX75694	
Grid:	35-30-7			
Waddress:	1996 HWY 59			
Wcystate:	MARSHALL ,TX	Lat:	32° 31 44N	
Wcounty:	Harrison	Lon:	094° 21 04 W	
Elevation:	No Data	Gpsused:	GARMIN	
Typeofwork:	New Well	Propuse:	Environmental Soil Boring	
Sdate:	9/3/2003	Completedd:	9/3/2003	
Diameter:	1.5 in From Surface To	5 ft		
Dmethod:	Not Reported			
Bcompletio:	Not Reported			
Packedfrom:	Not Reported			
Packsizes:	Not Reported			
Finterval:	No Data			
Sinterval:	No Data			
Tinterval:	No Data			
Usedmethod:	Not Reported	Cementedby:	Not Reported	
Contaminat:	Not Reported	Propertyli:	Not Reported	
Verrimetho:	Not Reported	Variance:	Not Reported	
Surface:	No Data	Staticleve:	No Data	
Flow:	No Data			
Packers:	No Data			
Cementinwe:	No Data	Typepump:	No Data	
Pumpbowl:	Not Reported	Welltests:	No Data	
Yield:	Not Reported			
Watertype:	No Data	Stratadept:	No Data	
Chemicalma:	No Data	Undesirabl:	No	
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required			
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY	
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707	
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Regnum: No Data
 Comments: No Data
 Ft Descript: 0-3.5 TAN CLAYEY SAND GRADING TO BROWN AND ORANGE BROWN SILTY CLAY 3.5-5 LIGHT TAN AND RED SANDY CLAY
 Typesettin: Not Reported
 Oid : 111

A14
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029678

Rec id:	21637	Edr record:	1
Edr site i:	62926	Ownerwell:	SB # 15
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 43N
Wcounty:	Harrison	Lon:	094° 21 03 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To		13 ft
Dmethod:	Not Reported		
Bcompleto:	Not Reported		
Packedfrom:	Not Reported		
Packsiz:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ft Descript:	0-2 TAN CLAYEY SAND GRADING TO BROWN AND ORANGE SITLY CLAY 2-10 LIGHT TAN AND RED SANDY CLAY WITH LIGHT TAN SAND SEAMS BETWEEN 4 AND 710-13 LIGHT GRAY AND ORANGISH BROWN SILTY CLAY		
Typesettin:	Not Reported		
Oid :	111		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A15
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029677

Rec id:	17139	Edr record:	1
Edr site i:	53704	Ownerwell:	SB # 16
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 43N
Wcounty:	Harrison	Lon:	094° 21 03 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To	5 ft	
Dmethod:	Not Reported		
Bcompleto:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companynam:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-2 TAN SAND WITH SOME METAL FRAGMENTS OR DEPOSITS2-5 TAN AND REDDISH MOTTLED CLAYEY SAND WITH DEPOSITS		
Typesettin:	Not Reported		
Oid :	111		

A16
ENE
1/8 - 1/4 Mile
Lower

TX WELLS TXD1029689

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec id:	21378	Edr record:	1
Edr site i:	36315	Ownerwell:	SB # 5
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 44N
Wcounty:	Harrison	Lon:	094° 21 03 W
Elevation:	No Data	Gpsused:	GARMIN
Typeofwork:	New Well	Propuse:	Environmental Soil Boring
Sdate:	9/3/2003	Completedd:	9/3/2003
Diameter:	1.5 in From Surface To		5 ft
Dmethod:	Not Reported		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	No Data		
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	Not Reported	Cementedby:	Not Reported
Contaminat:	Not Reported	Propertyli:	Not Reported
Verrimetho:	Not Reported	Variance:	Not Reported
Surface:	No Data	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO , TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-5 RED, ORANGE, BROWN AND LIGHT GRAY MOTTLED CLAY		
Typesettin:	Not Reported		
Oid :	111		

**A17
ENE
1/8 - 1/4 Mile
Lower**

TX WELLS TXD1029679

Rec id:	17148	Edr record:	1
Edr site i:	52586	Ownerwell:	MW # 2
Owner name:	TIE INVESTORS LLC	Citystatez:	WOODLAWN ,TX75694
Address:	429 MEMORY LANE		
Grid:	35-30-7		
Waddress:	1996 HWY 59		
Wcitystate:	MARSHALL ,TX	Lat:	32° 31 43N
Wcounty:	Harrison	Lon:	094° 21 02 W
Elevation:	No Data	Gpsused:	GARMIN

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Type of work:	New Well	Propose:	Monitor
Sdate:	9/4/2003	Completedd:	9/4/2003
Diameter:	8 in	From Surface To	15 ft
Dmethod:	Hollow Stem Auger		
Bcompletio:	Not Reported		
Packedfrom:	3 ft to	15 ft	
Packsize:	20/40		
Finterval:	From 0 ft to	1 ft with	2 CONCRETE (#sacks and material)
Sinterval:	No Data		
Tinterval:	No Data		
Usedmethod:	HAND MIX	Cementedby:	DIXIE DRILLING
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Variance:	No Data
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data		
Packers:	BENTONITE CHIPS	1-3	
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companyname:	DIXIE DRILLING	Companyadd:	9120 MARIANNA WAY
Ccitystate:	ALVARADO, TX 76009	Licensenum:	4707
Wsignature:	T. SHAUN OBANNON	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-5 DARK REDDISH BROWN SANDY CLAY5-11 LIGHT TAN REDDISH SILTY CLAY11-13 DARK REDDISH CLAYEY SAND13-15 DARK GRAY SILTY SANDY SHALE		
Typesettin:	2 NEW PVC RISER	0-5 SCH 402	NEW
Oid :	PVC SCREEN	5-15 .010	
	111		

**18
North
1/2 - 1 Mile
Higher**

TX WELLS TX0000000013458

WELL DEPTH:	473	SOURCE OF DEPTH:	DRILLER'S LOG
TYPE OF LIFT:	NONE	TYPE OF POWER:	Not Reported
HORSEPOWER:	Not Reported	PRIMARY WATER USE:	UNUSED
SECOND WATER USE:	Not Reported	TERTIA WATER USE:	Not Reported
WATER LEVEL AVAIL:	N	WATER QUAL AVAIL:	Y
WELL LOGS AVAIL:	Not Reported	OTHER DATA AVAIL:	Not Reported
DATE COLL OR UPDAT:	Not Reported	REPORTING AGENCY:	US GEOLOGICAL SURVEY
WELL SCHED IN FILE:	Y	CONSTRUCT METHOD:	Not Reported
COMPLETION:	Not Reported	CASING MATERIAL:	Not Reported
SCREEN MATERIAL:	Not Reported	LITH LOG TYPE:	Not Reported
LITH INT BY:	Not Reported	LITH DATE:	Not Reported
TODAYS DATE:	04/07/1999 00:00:00	USER NAME:	Not Reported
STATE WELL NUMBER:	3530704	COUNTY CODE:	203
BASIN:	Sabine River	ZONE:	1
REGION NUMBER:	7	PREVIOUS WELL NU:	#67
LATITUDE:	323222	LAT DEC:	32.5394444
LONGITUDE:	942106	LONG DEC:	-94.3516667
OWNER 1:	City of Marshall	OWNER 2:	Not Reported
DRILLER 1:	Layne Texas Co.	DRILLER 2:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

SOURCE OF COORDS: 1
 AQUIFER CODE: 124CPRS
 AQUIFER ID1: Carrizo-Wilcox
 AQUIFER ID2: Queen City
 AQUIFER ID3: Not Reported
 ELEV OF LSD: 332
 METH OF MEAS ELEV: ALTIMETER
 USER CODE ECON: 538090
 DATE DRILLED: 06151937
 WELL TYPE: Withdrawal of Water

STATE WELL NUMBER: 3530704
 MM DATE: 11
 DD DATE: 12
 YY DATE: 1941
 SAMPLE NUMBER: 1
 STORET: HARDNESS, TOTAL (MG/L AS CaCO3)
 FLAG: Not Reported
 CONST VAL: 51
 PLUS MINUS: Not Reported

STATE WELL NUMBER: 3530704
 MM DATE: 12
 DD DATE: 0
 YY DATE: 1944
 SAMPLE NUMBER: 1
 STORET: IRON, TOTAL (UG/L AS FE)
 FLAG: Not Reported
 CONST VAL: 140.
 PLUS MINUS: Not Reported

STATE WELL NUMBER: 3530704
 MM DATE: 12
 DD DATE: 0
 YY DATE: 1944
 SAMPLE NUMBER: 1
 STORET: MANGANESE, TOTAL (UG/L AS MN)
 FLAG: Not Reported
 CONST VAL: 90.
 PLUS MINUS: Not Reported

Water Quality Information:

STATE WELL NUMBER:	3530704	MM DATE:	11
DD DATE:	12	YYDATE:	1941
SAMPLE NUMBER:	1	SAMPLE TIME:	Not Reported
TEMP CENTIGRADE:	Not Reported	TOP S INTERVAL:	Not Reported
BOTTOM S INTERVAL:	Not Reported	SAMP INT AQCODE:	Not Reported
COLLECTION REMARKS:	Analysis taken from M-110	RELIABILITY REM:	04
COLLECTING AGENCY:	03	LAB CODE:	12
BU WQANALYSIS:	B	Q00955 FLAG:	Not Reported
Q00955 SILICA MGL:	Not Reported	Q00910 FLAG:	Not Reported
Q00910 CALCIUM MGL:	18	Q00920 FLAG:	Not Reported
Q00920 MAGNES MGL:	1.5	Q00929 FLAG:	c
Q00929 SODIUM MGL:	103	Q00937 FLAG:	Not Reported
Q00937 POTASS MGL:	Not Reported	Q01080 FLAG:	Not Reported
Q01080 STRONTIUM:	Not Reported	Q00445 CARB MGL:	0
Q00440 BICARB MGL:	177	Q00945 FLAG:	Not Reported
Q00945 SULFATE MGL:	100	Q00940 FLAG:	Not Reported
Q00940 CHLORIDE MG:	18	Q00951 FLAG:	Not Reported
Q00951 FLUORIDE MG:	.1	Q71850 FLAG:	Not Reported
Q71850 NITRATE MGL:	Not Reported	Q00403 FLAG:	Not Reported
Q00403 PH:	Not Reported	Q70300 TDS:	327
Q00415 PHEN ALK:	0	Q00410 TOTAL ALK:	145.04
Q00900 TOT HARDNES:	51	Q00932 PERCENT NA:	81
Q00931 SAR:	6.27	Q71860 RSC:	1.88
Q00095 FLAG:	Not Reported	Q00095 SPEC COND:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	cmuller

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

STATE WELL NUMBER:	3530704	MM DATE:	12
DD DATE:	0	YYDATE:	1944
SAMPLE NUMBER:	1	SAMPLE TIME:	Not Reported
TEMP CENTIGRADE:	Not Reported	TOP S INTERVAL:	Not Reported
BOTTOM S INTERVAL:	Not Reported	SAMP INT AQCODE:	Not Reported
COLLECTION REMARKS:	Not Reported	RELIABILITY REM:	Not Reported
COLLECTING AGENCY:	02	LAB CODE:	01
BU WQANALYSIS:	B	Q00955 FLAG:	Not Reported
Q00955 SILICA MGL:	22	Q00910 FLAG:	Not Reported
Q00910 CALCIUM MGL:	27	Q00920 FLAG:	Not Reported
Q00920 MAGNES MGL:	6	Q00929 FLAG:	c
Q00929 SODIUM MGL:	95	Q00937 FLAG:	Not Reported
Q00937 POTASS MGL:	Not Reported	Q01080 FLAG:	Not Reported
Q01080 STRONTIUM:	Not Reported	Q00445 CARB MGL:	0
Q00440 BICARB MGL:	195	Q00945 FLAG:	Not Reported
Q00945 SULFATE MGL:	100	Q00940 FLAG:	Not Reported
Q00940 CHLORIDE MG:	25	Q00951 FLAG:	Not Reported
Q00951 FLUORIDE MG:	.4	Q71850 FLAG:	<
Q71850 NITRATE MGL:	.4	Q00403 FLAG:	Not Reported
Q00403 PH:	7.9	Q70300 TDS:	371
Q00415 PHEN ALK:	0	Q00410 TOTAL ALK:	159.79
Q00900 TOT HARDNES:	92	Q00932 PERCENT NA:	69
Q00931 SAR:	4.31	Q71860 RSC:	1.36
Q00095 FLAG:	Not Reported	Q00095 SPEC COND:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	cmuller

19
NNW
1/2 - 1 Mile
Higher

TX WELLS TX0000000013457

WELL DEPTH:	375	SOURCE OF DEPTH:	ANOTHER GOVERNMENT AGENCY
TYPE OF LIFT:	NONE	TYPE OF POWER:	Not Reported
HORSEPOWER:	Not Reported	PRIMARY WATER USE:	UNUSED
SECOND WATER USE:	Not Reported	TERTIA WATER USE:	Not Reported
WATER LEVEL AVAIL:	H	WATER QUAL AVAIL:	Y
WELL LOGS AVAIL:	Not Reported	OTHER DATA AVAIL:	Not Reported
DATE COLL OR UPDAT:	06191970	REPORTING AGENCY:	TWDB or Predecessor Agency
WELL SCHED IN FILE:	Y	CONSTRUCT METHOD:	Not Reported
COMPLETION:	Not Reported	CASING MATERIAL:	Not Reported
SCREEN MATERIAL:	Not Reported	LITH LOG TYPE:	Not Reported
LITH INT BY:	Not Reported	LITH DATE:	Not Reported
TODAYS DATE:	04/07/1999 00:00:00	USER NAME:	Not Reported
STATE WELL NUMBER:	3530703	COUNTY CODE:	203
BASIN:	Sabine River	ZONE:	1
REGION NUMBER:	7	PREVIOUS WELL NU:	#68
LATITUDE:	323223	LAT DEC:	32.5397222
LONGITUDE:	942126	LONG DEC:	-94.3572222
OWNER 1:	City of Marshall	OWNER 2:	Not Reported
DRILLER 1:	Layne Texas Co.	DRILLER 2:	Not Reported
SOURCE OF COORDS:	1		
AQUIFER CODE:	124WLCX		
AQUIFER ID1:	Carrizo-Wilcox	AQUIFER ID2:	Not Reported
AQUIFER ID3:	Not Reported	ELEV OF LSD:	332
METH OF MEAS ELEV:	INTERPOLATED FROM TOPO MAP		
USER CODE ECON:	538090		
DATE DRILLED:	07 1937	WELL TYPE:	Withdrawal of Water

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

STATE WELL NUMBER:	3530703	MM DATE:	7
DD DATE:	22	YY DATE:	1940
SAMPLE NUMBER:	1		
STORET:	IRON, TOTAL (UG/L AS FE)		
FLAG:	Not Reported	CONST VAL:	400.
PLUS MINUS:	Not Reported		

STATE WELL NUMBER:	3530703	MM DATE:	12
DD DATE:	0	YY DATE:	1944
SAMPLE NUMBER:	1		
STORET:	IRON, TOTAL (UG/L AS FE)		
FLAG:	Not Reported	CONST VAL:	140.
PLUS MINUS:	Not Reported		

STATE WELL NUMBER:	3530703	MM DATE:	12
DD DATE:	0	YY DATE:	1944
SAMPLE NUMBER:	1		
STORET:	MANGANESE, TOTAL (UG/L AS MN)		
FLAG:	Not Reported	CONST VAL:	80.
PLUS MINUS:	Not Reported		

Water Level Information:

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	P
DEPTH FROM LSD:	-100	MM DATE:	0
DD DATE:	0	YY DATE:	1937
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	04
METHOD OF MEAS:	7	REMARK:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	P
DEPTH FROM LSD:	-180.9	MM DATE:	11
DD DATE:	12	YY DATE:	1941
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	04
METHOD OF MEAS:	7	REMARK:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	P
DEPTH FROM LSD:	-41.85	MM DATE:	6
DD DATE:	19	YY DATE:	1970
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	01
METHOD OF MEAS:	1	REMARK:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	P
DEPTH FROM LSD:	-41.25	MM DATE:	3
DD DATE:	3	YY DATE:	1971
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	01
METHOD OF MEAS:	1	REMARK:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	P
DEPTH FROM LSD:	-43.57	MM DATE:	2
DD DATE:	11	YY DATE:	1972
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	01
METHOD OF MEAS:	1	REMARK:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	P
DEPTH FROM LSD:	-44.72	MM DATE:	2
DD DATE:	14	YY DATE:	1973
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	01
METHOD OF MEAS:	1	REMARK:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

STATE WELL NUMBER:	3530703	PN WELL VISIT MARK:	N
DEPTH FROM LSD:	Not Reported	MM DATE:	2
DD DATE:	7	YY DATE:	1974
MEASUREMENT NUMBER:	01	MEASURING AGENCY:	01
METHOD OF MEAS:	1	REMARK:	63
DATE ENTERED:	Not Reported	USER NAME:	Not Reported

Water Quality Information:

STATE WELL NUMBER:	3530703	MM DATE:	7
DD DATE:	22	YYDATE:	1940
SAMPLE NUMBER:	1	SAMPLE TIME:	Not Reported
TEMP CENTIGRADE:	Not Reported	TOP S INTERVAL:	Not Reported
BOTTOM S INTERVAL:	Not Reported	SAMP INT AQCODE:	Not Reported
COLLECTION REMARKS:	Not Reported	RELIABILITY REM:	Not Reported
COLLECTING AGENCY:	02	LAB CODE:	01
BU WQANALYSIS:	B	Q00955 FLAG:	Not Reported
Q00955 SILICA MGL:	24	Q00910 FLAG:	Not Reported
Q00910 CALCIUM MGL:	32	Q00920 FLAG:	Not Reported
Q00920 MAGNES MGL:	9	Q00929 FLAG:	c
Q00929 SODIUM MGL:	90	Q00937 FLAG:	Not Reported
Q00937 POTASS MGL:	Not Reported	Q01080 FLAG:	Not Reported
Q01080 STRONTIUM:	Not Reported	Q00445 CARB MGL:	0
Q00440 BICARB MGL:	195	Q00945 FLAG:	Not Reported
Q00945 SULFATE MGL:	94	Q00940 FLAG:	Not Reported
Q00940 CHLORIDE MG:	39	Q00951 FLAG:	<
Q00951 FLUORIDE MG:	.4	Q71850 FLAG:	<
Q71850 NITRATE MGL:	.4	Q00403 FLAG:	Not Reported
Q00403 PH:	7.2	Q70300 TDS:	384
Q00415 PHEN ALK:	0	Q00410 TOTAL ALK:	159.79
Q00900 TOT HARDNES:	116	Q00932 PERCENT NA:	62
Q00931 SAR:	3.62	Q71860 RSC:	.86
Q00095 FLAG:	Not Reported	Q00095 SPEC COND:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	cmuller

STATE WELL NUMBER:	3530703	MM DATE:	11
DD DATE:	12	YYDATE:	1941
SAMPLE NUMBER:	1	SAMPLE TIME:	Not Reported
TEMP CENTIGRADE:	Not Reported	TOP S INTERVAL:	Not Reported
BOTTOM S INTERVAL:	Not Reported	SAMP INT AQCODE:	Not Reported
COLLECTION REMARKS:	Analysis taken from M-110	RELIABILITY REM:	04
COLLECTING AGENCY:	03	LAB CODE:	12
BU WQANALYSIS:	B	Q00955 FLAG:	Not Reported
Q00955 SILICA MGL:	Not Reported	Q00910 FLAG:	Not Reported
Q00910 CALCIUM MGL:	10	Q00920 FLAG:	Not Reported
Q00920 MAGNES MGL:	3.9	Q00929 FLAG:	c
Q00929 SODIUM MGL:	89	Q00937 FLAG:	Not Reported
Q00937 POTASS MGL:	Not Reported	Q01080 FLAG:	Not Reported
Q01080 STRONTIUM:	Not Reported	Q00445 CARB MGL:	0
Q00440 BICARB MGL:	165	Q00945 FLAG:	Not Reported
Q00945 SULFATE MGL:	77	Q00940 FLAG:	Not Reported
Q00940 CHLORIDE MG:	15	Q00951 FLAG:	Not Reported
Q00951 FLUORIDE MG:	.2	Q71850 FLAG:	Not Reported
Q71850 NITRATE MGL:	Not Reported	Q00403 FLAG:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Q00403 PH:	Not Reported	Q70300 TDS:	276
Q00415 PHEN ALK:	0	Q00410 TOTAL ALK:	135.21
Q00900 TOT HARDNES:	40	Q00932 PERCENT NA:	82
Q00931 SAR:	6.05	Q71860 RSC:	1.88
Q00095 FLAG:	Not Reported	Q00095 SPEC COND:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	cmuller
STATE WELL NUMBER:	3530703	MM DATE:	12
DD DATE:	0	YYDATE:	1944
SAMPLE NUMBER:	1	SAMPLE TIME:	Not Reported
TEMP CENTIGRADE:	Not Reported	TOP S INTERVAL:	Not Reported
BOTTOM S INTERVAL:	Not Reported	SAMP INT AQCODE:	Not Reported
COLLECTION REMARKS:	Not Reported	RELIABILITY REM:	Not Reported
COLLECTING AGENCY:	02	LAB CODE:	01
BU WQANALYSIS:	B	Q00955 FLAG:	Not Reported
Q00955 SILICA MGL:	24	Q00910 FLAG:	Not Reported
Q00910 CALCIUM MGL:	33	Q00920 FLAG:	Not Reported
Q00920 MAGNES MGL:	7	Q00929 FLAG:	c
Q00929 SODIUM MGL:	73	Q00937 FLAG:	Not Reported
Q00937 POTASS MGL:	Not Reported	Q01080 FLAG:	Not Reported
Q01080 STRONTIUM:	Not Reported	Q00445 CARB MGL:	0
Q00440 BICARB MGL:	189	Q00945 FLAG:	Not Reported
Q00945 SULFATE MGL:	75	Q00940 FLAG:	Not Reported
Q00940 CHLORIDE MG:	27	Q00951 FLAG:	Not Reported
Q00951 FLUORIDE MG:	.4	Q71850 FLAG:	<
Q71850 NITRATE MGL:	.4	Q00403 FLAG:	Not Reported
Q00403 PH:	7.9	Q70300 TDS:	332
Q00415 PHEN ALK:	0	Q00410 TOTAL ALK:	154.87
Q00900 TOT HARDNES:	111	Q00932 PERCENT NA:	58
Q00931 SAR:	3.01	Q71860 RSC:	.87
Q00095 FLAG:	Not Reported	Q00095 SPEC COND:	Not Reported
DATE ENTERED:	Not Reported	USER NAME:	cmuller

**20
NNE
1/2 - 1 Mile
Higher**

TX WELLS TXD1029817

Rec id:	21597	Edr record:	1
Edr site i:	68902	Ownerwell:	MW-4 & MW-5
Owner name:	Food Fast Holdings	Citystatez:	Tyler ,TX75701
Address:	2703 DC Drive Suite 100		
Grid:	35-30-7		
Waddress:	503 East end Boulevard		
Wcitystate:	Marshall ,TX	Lat:	32° 32 29N
Wcounty:	Harrison	Lon:	094° 20 59 W
Elevation:	No Data	Gpsused:	Garmin / Etrix
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	3/11/2004	Completedd:	3/11/2004
Diameter:	8 in From Surface To	Completedd:	20 ft
Dmethod:	Hollow Stem Auger		
Bcompletio:	Not Reported		
Packedfrom:	Not Reported		
Packsizes:	Not Reported		
Finterval:	From 0 ft to .5 ft with 1 Concrete (#sacks and material)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sinterval:	From .5 ft to 1.5 ft with	1 Bentonite	(#sacks and material)
Tinterval:	From 1.5 ft to 20 ft with	11 20/40 sand	(#sacks and material)
Usedmethod:	Gravity	Cementedby:	Jackie Raines
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Variance:	No Data
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data		
Packers:	No Data		
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported		
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No
Certificat:	The driller certified that the driller drilled this well (or the well was drilled under the drillers direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required		
Companynam:	Precision Probe and Drilling	Companyadd:	6133 Verona Lane
Ccitystate:	Shreveport , LA 71105	Licensenum:	54661
Wsignature:	Jackie Raines	Dsignature:	No Data
Regnum:	No Data		
Comments:	No Data		
Ftdescript:	0-5 Silty Clay Red and brown Moist5-10 Sandy clay redf and orange mottling moist10-15 Clayey sand tan moist to wet15-20 Clayey sand tan wet		
Typesettin:	2 New PVC	2.5-20 .0102	new PVC
Oid :	0-2.5 Riser 123		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: TX Radon

Radon Test Results

County	Mean	Total Sites	%>4 pCi/L	%>20 pCi/L	Min pCi/L	Max pCi/L
HARRISON	.5	22	.0	.0	<.5	1.2

Federal EPA Radon Zone for HARRISON County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 75670

Number of sites tested: 13

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Texas Groundwater Database

Source: Texas Water Development Board

Telephone: 512-936-0837

Texas Public Water Supply Database on Ground and Surface Water

Source: Texas Commission on Environmental Quality

Texas Water Wells DOL

Source: Texas Department of Licensing and Regulation

Telephone: 512-463-6599

OTHER STATE DATABASE INFORMATION

Texas Oil and Gas Wells: Inventory of oil and gas wells in select Texas counties

Source: Texas Railroad Commission

Oil and gas well locations in the following counties: Bexar, Brazoria, Collin, Dallas, Denton, El Paso, Fort Bend, Galveston, Gregg, Harris, Hidalgo, Jefferson, Lubbock, Montgomery, Nueces, Tarrant, and Travis.

RADON

State Database: TX Radon

Source: Department of Health

Telephone: 512-834-6688

Final Report of the Texas Indoor Radon Survey

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Phil Hardy
ENSAFE
5724 Summer Trees Drive
Memphis, TN 38134

Order Date: 7/18/2006 **Completion Date:** 7/18/2006
Inquiry #: 1717133.3
P.O. #: 0888802978 0025 TS01
Site Name: Marshall USARC

Customer Project: EJV-ECP Proj.
1013941ERN 850-457-1796

Address: 1209 East Pinecrest Drive
City/State: Marshall, TX 75670
Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.



EDR® Environmental
Data Resources Inc

**EDR Historical
Topographic Map
Report**

**Marshall USARC
1209 East Pinecrest Drive
Marshall, TX 75670**

Inquiry Number: 1717133.4

July 18, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900's.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This report contains information obtained from a variety of public and other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.** It can not be concluded from this report that coverage information for the target and surrounding properties does not exist from other sources. Any analyses, estimates, ratings or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Any liability on the part of EDR is strictly limited to a refund of the amount paid for this report.

Copyright © 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Marshall USARC
1209 East Pinecrest Drive
Marshall, TX 75670**

Inquiry Number: 1717133.5

July 20, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

Marshall USARC
1209 East Pinecrest Drive
Marshall, TX 75670

Inquiry Number: 1717133.6

Tuesday, July 18, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**

Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1924 through 1924. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: July 18, 2006

Target Property:

1209 East Pinecrest Drive
Marshall, TX 75670

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Street Not Listed in Research Source	Page's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Marshall, TX 75670

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Street Not Listed in Research Source	Page's City Directory