

**APPENDIX E**  
**REGULATORY DATABASE SEARCH RESULTS**



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Callaghan Road USARC  
600 Callaghan Road  
San Antonio, TX 78228**

**Inquiry Number: 1717405.2s**

**July 18, 2006**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

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# 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
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-16

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

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# EXECUTIVE SUMMARY

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

## TARGET PROPERTY INFORMATION

### ADDRESS

600 CALLAGHAN ROAD  
SAN ANTONIO, TX 78228

### COORDINATES

Latitude (North): 29.441700 - 29° 26' 30.1"  
Longitude (West): 98.601500 - 98° 36' 5.4"  
Universal Transverse Mercator: Zone 14  
UTM X (Meters): 538648.6  
UTM Y (Meters): 3256812.0  
Elevation: 753 ft. above sea level

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 29098-D5 SAN ANTONIO WEST, TX  
Most Recent Revision: 1993

## 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>
CLETO RODRIGUEZ MEMORIAL US ARMY 600 CALLAGHAN RD SAN ANTONIO, TX 78228	UST	N/A

## 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  
Proposed NPL..... Proposed National Priority List Sites  
Delisted NPL..... National Priority List Deletions

## EXECUTIVE SUMMARY

<b>NPL RECOVERY</b>	Federal Superfund Liens
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CORRACTS</b>	Corrective Action Report
<b>RCRA-TSDF</b>	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b>	Resource Conservation and Recovery Act Information
<b>RCRA-SQG</b>	Resource Conservation and Recovery Act Information
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>FINDS</b>	Facility Index System/Facility Registry System
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

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

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
<b>INDIAN UST</b>	USTs on Indian Land

# EXECUTIVE SUMMARY

## EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants

**EDR Historical Auto Stations**EDR Proprietary Historic Gas Stations

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

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

## FEDERAL RECORDS

**CERCLIS-NFRAP:** 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/01/2006 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

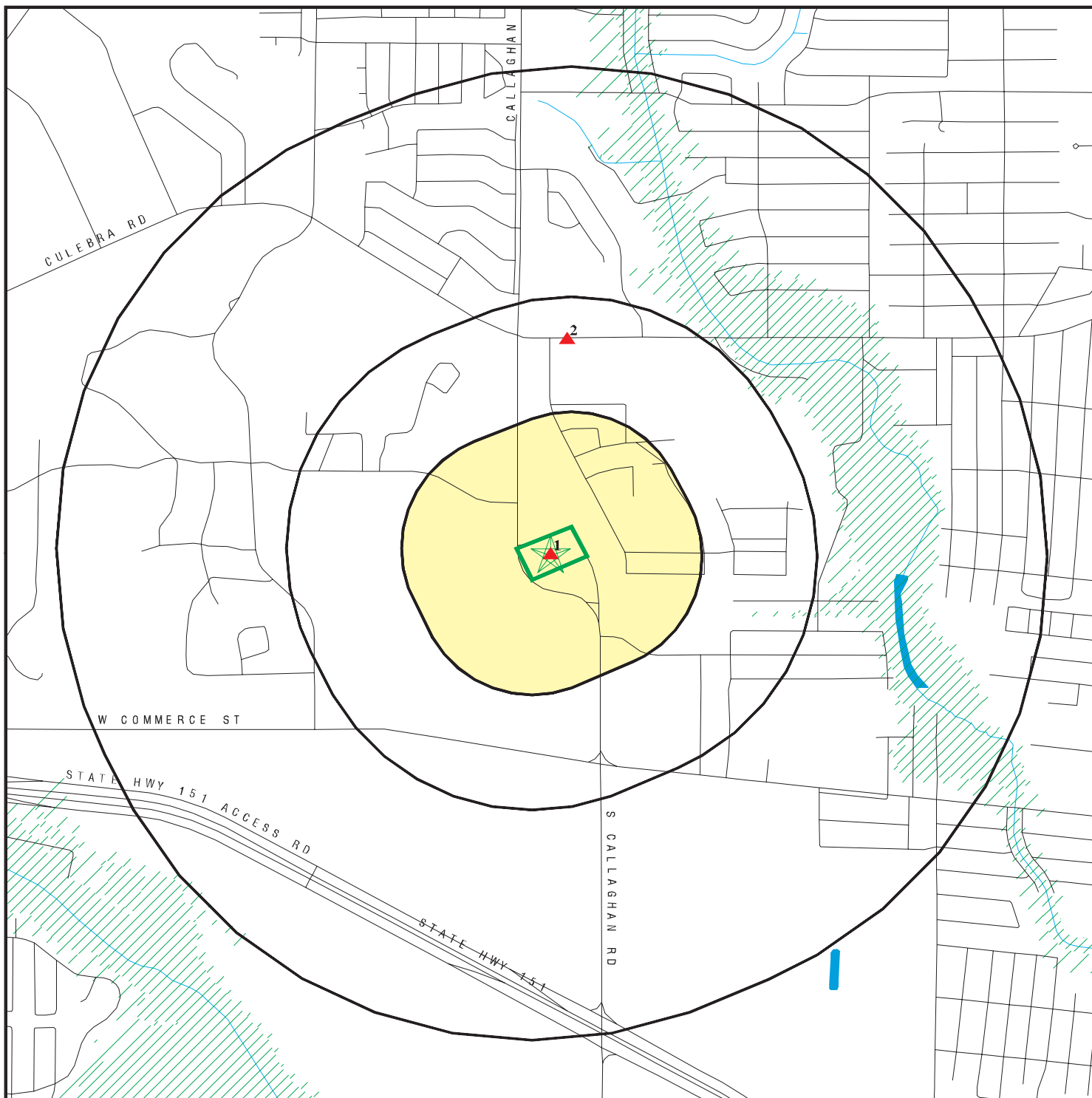
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DONALDO H. FRIXIONE	5627 CULEBRA APT. 2402	1/4 - 1/2N	2	7

## EXECUTIVE SUMMARY





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

<u>Site Name</u>	<u>Database(s)</u>
INTERNATIONAL AIRCRAFT CYINDERS, I	SHWS, Ind. Haz Waste
J.C. PENNCO WASTE OIL SERVICE.	SHWS
SAN ANTONIO TRAIN COLLISION	CERCLIS
I-35 TRUCK ACCIDENT WITH EXPLOSIVE	CERCLIS
BANDERA ROAD GROUNDWATER PLUME SIT	CERCLIS
PLEASANTON ROAD TRENCH BURNER	SWF/LF
PEARSALL ROAD LANDFILL	SWF/LF
WETMORE ROAD LANDFILL	SWF/LF
ARTHUR B BERRERA LANDFILL	SWF/LF
BEE JAY LANDFILL	SWF/LF
CITY OF SAN ANTONIO LANDFILL	SWF/LF
ECOGAS CORPORATION	SWF/LF
JOINT CITIES LRB LANDFILL	SWF/LF
LA PALOMA LANDFILL	SWF/LF
POSSIBLE ENVIRONMENTAL IMPACT	LTANKS
WEIDNER ROAD GULF STATION	EDR Historical Auto Stations
BANDERA ROAD EXXON FRANK TORRES	EDR Historical Auto Stations
BANDERA ROAD	EDR Historical Auto Stations
BASSE ROAD GARAGE JIMMY C CARTWRI	EDR Historical Auto Stations
LIMONS ROAD SERVICE ANTONIO C LIM	EDR Historical Auto Stations
MILFORD J B ROAD WEST AVE	EDR Historical Auto Stations
GOLLAD ROAD GARAGE	EDR Historical Auto Stations
GRISSON ROAD AUTOMOTIVE TRAVIS MIL	EDR Historical Auto Stations
BEXAR ROAD SERVICE DIANE GARCIA	EDR Historical Auto Stations
PINN ROAD TIRE SHOP GLADYS Z PERE	EDR Historical Auto Stations
RITTIMAN ROAD GULF SERV STA	EDR Historical Auto Stations
WALZEM ROAD EXXON SERVICE STATION	EDR Historical Auto Stations
LORD ROAD PHILLIPS	EDR Historical Auto Stations
PLEASANTON ROAD CLEANERS	EDR Historical Cleaners

# OVERVIEW MAP - 1717405.2s



-  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

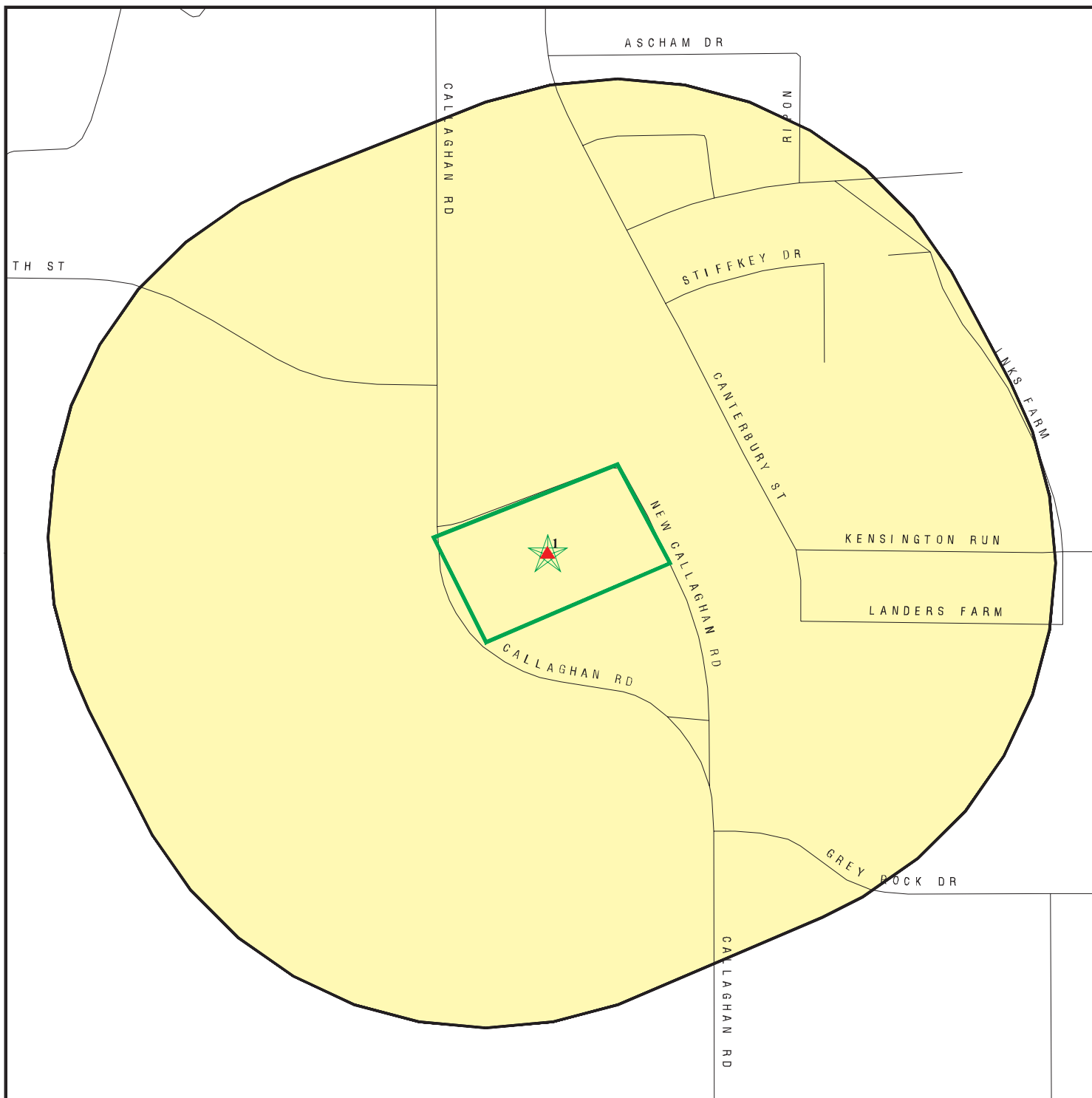
-  Indian Reservations BIA
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone








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

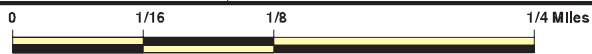
SITE NAME: Callaghan Road USARC  
 ADDRESS: 600 Callaghan Road  
 San Antonio TX 78228  
 LAT/LONG: 29.4417 / 98.6015





CLIENT: ENSAFE  
 CONTACT: Phil Hardy  
 INQUIRY #: 1717405.2s  
 DATE: July 18, 2006

# DETAIL MAP - 1717405.2s



-  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
-  100-year flood zone
-  500-year flood zone



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: Callaghan Road USARC  
 ADDRESS: 600 Callaghan Road  
 San Antonio TX 78228  
 LAT/LONG: 29.4417 / 98.6015

CLIENT: ENSAFE  
 CONTACT: Phil Hardy  
 INQUIRY #: 1717405.2s  
 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
<b><u>FEDERAL RECORDS</u></b>								
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	1	NR	NR	1
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.		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		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
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	0	NR	NR	0
UST	X	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

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
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 ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1** **CLETO RODRIGUEZ MEMORIAL US ARMY RESERVE CTR**  
**Target** **600 CALLAGHAN RD**  
**Property** **SAN ANTONIO, TX 78228**

**UST** **U003424018**  
**N/A**

**Actual:**  
**753 ft.**

UST:

Facility ID:	0069244	Tank Installer:	Not reported
Tank ID:	1	Installation Date:	08/31/1987
Tank Emptied:	No	Status Date:	Not reported
Capacity:	1436	Unit ID:	00182371
Tank Material of Construction:	Concrete		
Pipe Material of Construction:	Concrete		
Other Materials of Construction:	Not reported		
Tank Status:	In Use		
Tank Construction & Containment:	Single Wall		
Pipe Construction & Containment:	Single Wall		
Other Construction & Containment:	Not reported		
Compartment Substance Stored:	Not reported		
Compartment Other Substance:	OIL WATER SEPARATOR		
Tank Release Detection Method:	Not reported		
Tank Release Method Detection II:	Not reported		
Tank Release Method Detection III:	Not reported		
Other Tank Release Method Detection:	Not reported		
Tank Release Detection Variance :	No Variance		
Pipe Release Detection Method:	Not reported		
Other Pipe Release Detection Method :	Not reported		
Pipe Release Detection Variance :	No Variance		
Spill and Overfill Protection:	Factory-Built Spill Container/Bucket/Sump		
Tank Corrosion Protection:	Not reported		
Pipe Corrosion Protection:	Not reported		
Other Corrosion Protection:	Not reported		
Vapor Recovery Equipment Status:	Not reported		
Equipment Installed Date:	Not reported		
Equipment Installer:	Not reported		
Contractor Registration Number:	Not reported		
Tank Registration Date:	01/21/1997		
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		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CLETO RODRIGUEZ MEMORIAL US ARMY RESERVE CTR (Continued)**

**U003424018**

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: Not reported  
 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 : Not reported  
 Compartment Capacity : 0000000  
 Owner ID : 49607  
 Owner Name : US DEPARTMENT OF THE ARMY  
 Owner Address : 8000 CAMP ROBINSON RD AFRD-CAR-EN-E  
 NORTH LITTLE ROCK, AR 72118  
 Owner Contact Telephone : 501-771-7992  
 Owner Type : Federal Government  
 Owner Amendment Reason Code : Owner Billing Address Changed  
 Owner Amendment Date : 16/05/06  
 Owner Tax ID : Not reported  
 Number of Facilities reported by Owner : 0036  
 Mail Undeliverable : Not reported  
 Bankruptcy In Effect : Not reported  
 # Of Underground Storage Tanks : 0045  
 # Of Aboveground Storage Tanks : 0000  
 Operator Effective Date : Not reported  
 Operator Type : Federal Government  
 Owner Contact Name: James Wheeler  
 Date Registration Form Received : 21/97/01  
 Facility Type : None of the above, or unidentified  
 Name of Facility Manager : Phillip Balem  
 Title of Facility Manager : Not reported  
 Facility Manager Phone : 210-433-9371  
 Sign Name on Registration Form : Teddy B Baer, Col, USAR  
 Title of Signer of Registration Form : Deputy Chief of Staf  
 Date of Signature on Registration Form : 011797  
 Number of USTs: 0001  
 Number of ASTs: 0000  
 Facility PO Box : Not reported  
 Owner PO Box : Not reported  
 Region Number : 13  
 Facility in Ozone non-attainment area : Not reported

**2**  
**North**  
**1/4-1/2**  
**2166 ft.**

**DONALDO H. FRIXIONE**  
**5627 CULEBRA APT. 2402**  
**SAN ANTONIO, TX 78228**

**CERC-NFRAP 1003874909**  
**TXD981047434**

**Relative:**  
**Higher**

CERCLIS-NFRAP Classification Data:  
 Federal Facility: Not a Federal Facility  
 Non NPL Code: NFRAP

**Actual:**  
**762 ft.**

NPL Status: Not on the NPL  
 Site Description: THE SITE IS THE LOCATION OF A PESTICIDE APPLICATOR WHERE HAZARDOUS  
 WASTE MAY BE TREATED, STORED OR DISPOSED.

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY Completed: 01/01/1985

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**DONALDO H. FRIXIONE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Assessment:	PRELIMINARY ASSESSMENT	Completed:	01/01/1986
Assessment:	ARCHIVE SITE	Completed:	01/01/1986

**1003874909**

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN ANTONIO	S107556951	PLEASANTON ROAD TRENCH BURNER	NO ADDRESS		SWF/LF
SAN ANTONIO	S107556947	PEARSALL ROAD LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	S106170847	WETMORE ROAD LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	S106169037	ARTHUR B BERRERA LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	S106169070	BEE JAY LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	S106169790	CITY OF SAN ANTONIO LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	S106170040	ECOGAS CORPORATION	NO ADDRESS		SWF/LF
SAN ANTONIO	S106170296	JOINT CITIES LRB LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	S106170316	LA PALOMA LANDFILL	NO ADDRESS		SWF/LF
SAN ANTONIO	1009374140	WEIDNER ROAD GULF STATION	4593 AUSTIN HWY		EDR Historical Auto Stations
SAN ANTONIO	1009358167	BANDERA ROAD EXXON FRANK TORRES	1554 BANDERA RD		EDR Historical Auto Stations
SAN ANTONIO	1009357106	BANDERA ROAD	1422 BANDERA RD		EDR Historical Auto Stations
SAN ANTONIO	S105121642	POSSIBLE ENVIRONMENTAL IMPACT	BANDERA HWY	78238	LTANKS
SAN ANTONIO	1009362424	BASSE ROAD GARAGE JIMMY C CARTWRI	2142 BASSE RD		EDR Historical Auto Stations
SAN ANTONIO	1009359978	LIMONS ROAD SERVICE ANTONIO C LIM	1818 S BRAZOS ST		EDR Historical Auto Stations
SAN ANTONIO	1007490811	SAN ANTONIO TRAIN COLLISION	CROSS OF MISSION & LONESTAR RD		CERCLIS
SAN ANTONIO	1009386520	MILFORD J B ROAD WEST AVE	FRED RD		EDR Historical Auto Stations
SAN ANTONIO	1009356839	GOLLAD ROAD GARAGE	1409 S GEVERS		EDR Historical Auto Stations
SAN ANTONIO	1009383481	GRISSON ROAD AUTOMOTIVE TRAVIS MIL	8180 GRISSOM RD		EDR Historical Auto Stations
SAN ANTONIO	1008377393	I-35 TRUCK ACCIDENT WITH EXPLOSIVE	INSTATE HIGHWAY 35, NE SAN ANT		CERCLIS
SAN ANTONIO	1007646561	BANDERA ROAD GROUNDWATER PLUME SIT	INTERSECTION OF BANDERA ROAD A	78238	CERCLIS
SAN ANTONIO	S102744465	INTERNATIONAL AIRCRAFT CYINDERS, I	931 W LAUREL		SHWS, Ind. Haz Waste
SAN ANTONIO	S105050691	J.C. PENNCO WASTE OIL SERVICE.	LOCATED AT 4927 HIGDON ROAD, S		SHWS
SAN ANTONIO	1009385540	BEXAR ROAD SERVICE DIANE GARCIA	928 OBLATE DR		EDR Historical Auto Stations
SAN ANTONIO	1009363769	PINN ROAD TIRE SHOP GLADYS Z PERE	2332 PINN RD		EDR Historical Auto Stations
SAN ANTONIO	1009334028	PLEASANTON ROAD CLEANERS	1108 PLEASANTON RD		EDR Historical Cleaners
SAN ANTONIO	1009374041	RITTIMAN ROAD GULF SERV STA	4534 RITTIMAN RD		EDR Historical Auto Stations
SAN ANTONIO	1009374401	WALZEM ROAD EXXON SERVICE STATION	4678 WALZEM RD		EDR Historical Auto Stations
SAN ANTONIO	1009353344	LORD ROAD PHILLIPS	1110 S WHITE RD		EDR Historical Auto Stations

# 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

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**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**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

CALLAGHAN ROAD USARC  
600 CALLAGHAN ROAD  
SAN ANTONIO, TX 78228

### **TARGET PROPERTY COORDINATES**

Latitude (North):	29.44170 - 29° 26' 30.1"
Longitude (West):	98.6015 - 98° 36' 5.4"
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	538648.6
UTM Y (Meters):	3256812.0
Elevation:	753 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	29098-D5 SAN ANTONIO WEST, TX
Most Recent Revision:	1993

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).

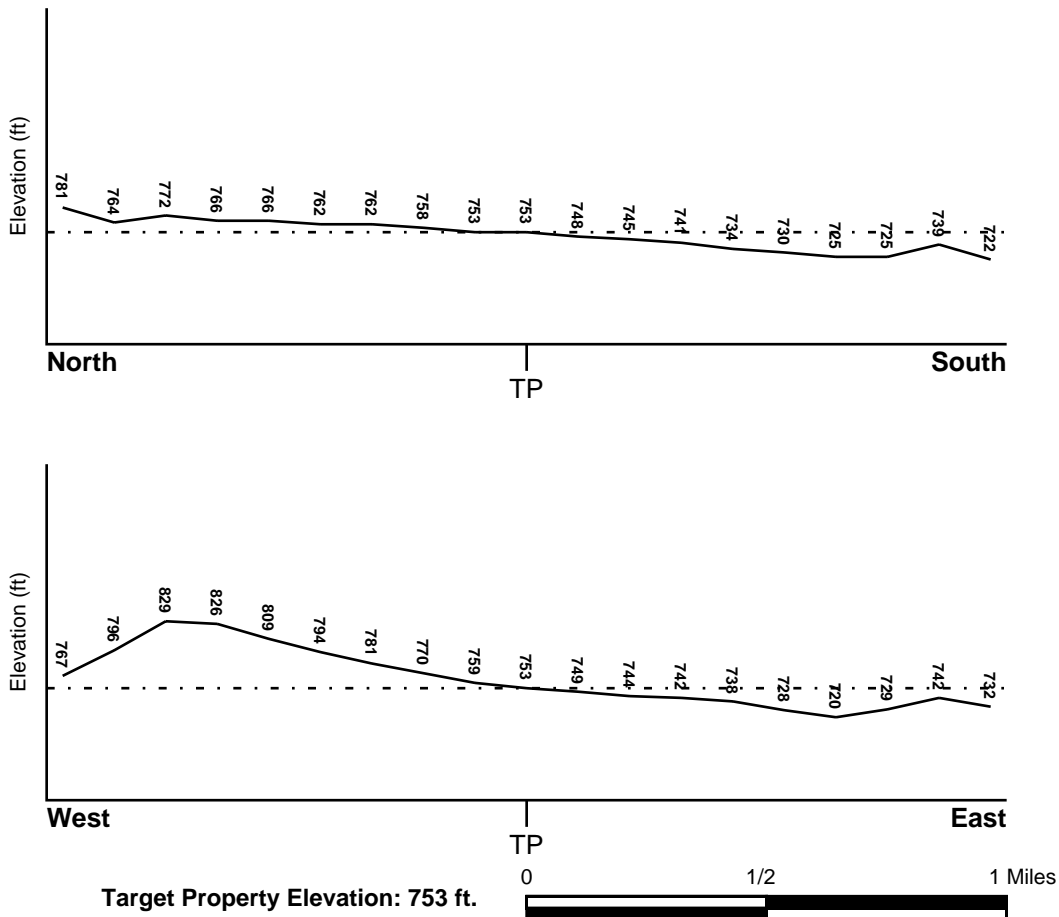
## TOPOGRAPHIC INFORMATION

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 ESE

## 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> BEXAR, TX	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	48029C0428E
Additional Panels in search area:	48029C0429E 48029C0436E 48029C0437E

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SAN ANTONIO WEST	NWI Electronic <u>Data Coverage</u> 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</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>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: Mesozoic  
System: Cretaceous  
Series: Navarro Group  
Code: uK4 (*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).

## 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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: BRANYON

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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 does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 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	12 inches	clay	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: 0.06 Min: 0.00	Max: 8.40 Min: 6.60
2	12 inches	72 inches	clay	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: 0.06 Min: 0.00	Max: 8.40 Min: 7.40
3	72 inches	86 inches	clay	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: 0.06 Min: 0.00	Max: 8.40 Min: 7.90

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay  
gravelly - loam  
clay loam

Surficial Soil Types: silty clay  
gravelly - loam  
clay loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silty clay  
very gravelly - sand  
loam

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## **STATE DATABASE WELL INFORMATION**

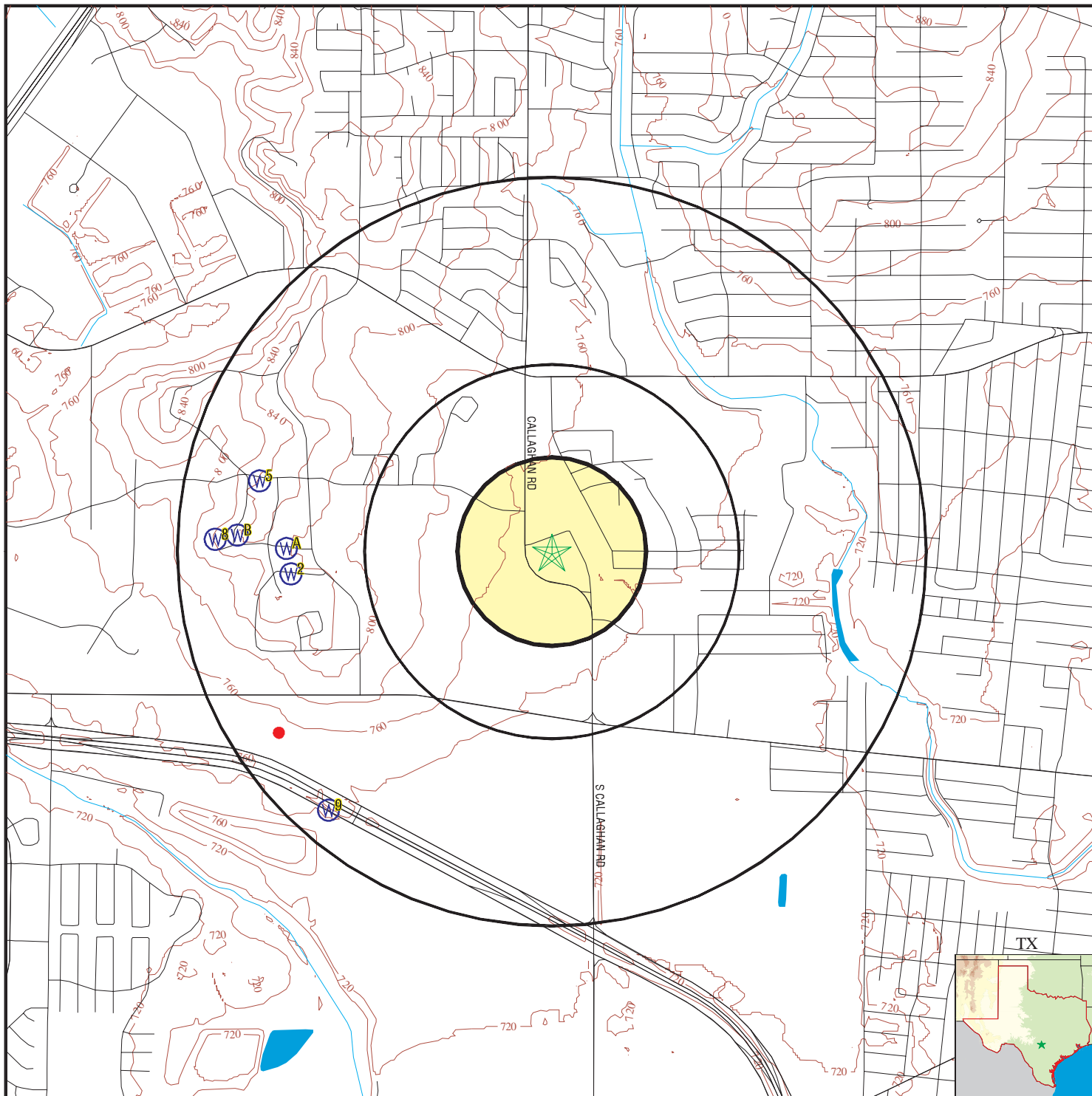
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	S000991	1/2 - 1 Mile West
2	TX0000000093162	1/2 - 1 Mile West
A3	TX0000000093161	1/2 - 1 Mile West
A4	S000990	1/2 - 1 Mile West
5	TX0000000093159	1/2 - 1 Mile WNW
B6	TX0000000093160	1/2 - 1 Mile West
B7	S000989	1/2 - 1 Mile West
8	S000988	1/2 - 1 Mile West
9	TX0000000093169	1/2 - 1 Mile SW

## OTHER STATE DATABASE INFORMATION

### **STATE OIL/GAS WELL INFORMATION**

<u>DISTANCE FROM TP (Miles)</u>	<u>DISTANCE FROM TP (Miles)</u>
1/2 - 1 Mile WSW	

# PHYSICAL SETTING SOURCE MAP - 1717405.2s



- 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: Callaghan Road USARC  
 ADDRESS: 600 Callaghan Road  
 San Antonio TX 78228  
 LAT/LONG: 29.4417 / 98.6015

CLIENT: ENSAFE  
 CONTACT: Phil Hardy  
 INQUIRY #: 1717405.2s  
 DATE: July 18, 2006

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      S000991**

GIS Id:	10000994	Pws Id:	0150309
Water Source:	G0150309D	Owner:	4-ORDINANCE WEL
Hydrologic code:	12100301	Stream Segment:	Not Reported
Waterbody:	Not Reported	State wellno:	6836404
Welldepth:	760	Depth agency:	Water Well driller
Depth source:	Recorded on driller's log or state well report		
Aquifer:	218EDRDA		
Drilldate:	19551222	Welldata:	not reported
Elevatn:	821	Elevmeth:	Topographic Map Interpolation
V_datum:	1929 North American Datum	Aquifer method:	Well Schedule
Latitude:	292631	Longitude:	983646
Accuracy:	Good - Water source has been located with symbols and/or features on the map.		
Collecting Org:	Texas Natural Resource Conservation Commission		
Location Meth:	Map interpolation, via digital source, Method 1: Water source location was manually plotted on USGS 7.5-minute topographic quadrangle and subsequently digitized.		
Horiz datum:	North American Datum 1927 (NAD27)		
Mapscale:	7.5' X 7.5' (1:24,000)	Fips:	029
Quadnum:	2998-244	Collection date:	Not Reported
Latitude:	29.4419	Longitude:	98.6128
Initials:	JDF	Last changed:	01/05/1995 00:00:00
Remarks:	D		
Status:	Demand		
Description:	not reported	Elevation:	250.2

**2**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      TX0000000093162**

WELL DEPTH:	780	SOURCE OF DEPTH:	DRILLER'S LOG
TYPE OF LIFT:	TURBINE PUMP	TYPE OF POWER:	ELECTRIC MOTOR
HORSEPOWER:	125.00	PRIMARY WATER USE:	INDUSTRIAL
SECOND WATER USE:	Not Reported	TERTIA WATER USE:	Not Reported
WATER LEVEL AVAIL:	N	WATER QUAL AVAIL:	N
WELL LOGS AVAIL:	D	OTHER DATA AVAIL:	Not Reported
DATE COLL OR UPDAT:	07281967	REPORTING AGENCY:	US GEOLOGICAL SURVEY
WELL SCHED IN FILE:	Y	CONSTRUCT METHOD:	Hydraulic Rotary
COMPLETION:	Open Hole	CASING MATERIAL:	Steel
SCREEN MATERIAL:	Not Reported	LITH LOG TYPE:	Not Reported
LITH INT BY:	Not Reported	LITH DATE:	Not Reported
TODAYS DATE:	Not Reported	USER NAME:	Not Reported
STATE WELL NUMBER:	6836405	COUNTY CODE:	29
BASIN:	San Antonio River	ZONE:	1
REGION NUMBER:	11	PREVIOUS WELL NU:	Not Reported
LATITUDE:	292627	LAT DEC:	29.4408333
LONGITUDE:	983647	LONG DEC:	-98.6130556
OWNER 1:	Southwest Research	OWNER 2:	Institute
DRILLER 1:	J. R. Johnson	DRILLER 2:	Drilling & Supplies

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

SOURCE OF COORDS: 1  
 AQUIFER CODE: EDWARDS AND ASSOCIATED LIMESTONES  
 AQUIFER ID1: Edwards (BFZ) AQUIFER ID2: Not Reported  
 AQUIFER ID3: Not Reported ELEV OF LSD: 832  
 METH OF MEAS ELEV: INTERPOLATED FROM TOPO MAP  
 USER CODE ECON: Not Reported  
 DATE DRILLED: 04061964 WELL TYPE: Withdrawal of Water

Remarks Information:  
 STATE WELL NUMBER: 6836405 GROUP NUMBER: 1  
 REMARKS 1: Open hole from 557 to 780 ft.  
 REMARKS 2: Cemented from 557 ft. to surface.

STATE WELL NUMBER: 6836405 GROUP NUMBER: 2  
 REMARKS 1: Top of Edwards 562 ft.  
 REMARKS 2: Not Reported

**A3  
 West  
 1/2 - 1 Mile  
 Higher**

**TX WELLS TX0000000093161**

WELL DEPTH: 985 SOURCE OF DEPTH: DRILLER'S LOG  
 TYPE OF LIFT: TURBINE PUMP TYPE OF POWER: ELECTRIC MOTOR  
 HORSEPOWER: 100.00 PRIMARY WATER USE: INDUSTRIAL  
 SECOND WATER USE: Not Reported TERTIA WATER USE: Not Reported  
 WATER LEVEL AVAIL: N WATER QUAL AVAIL: N  
 WELL LOGS AVAIL: Not Reported OTHER DATA AVAIL: Not Reported  
 DATE COLL OR UPDAT: 07271967 REPORTING AGENCY: US GEOLOGICAL SURVEY  
 WELL SCHED IN FILE: Y CONSTRUCT METHOD: Hydraulic Rotary  
 COMPLETION: Open Hole CASING MATERIAL: Steel  
 SCREEN MATERIAL: Not Reported LITH LOG TYPE: Not Reported  
 LITH INT BY: Not Reported LITH DATE: Not Reported  
 TODAYS DATE: Not Reported USER NAME: Not Reported  
 STATE WELL NUMBER: 6836404 COUNTY CODE: 29  
 BASIN: San Antonio River ZONE: 1  
 REGION NUMBER: 11 PREVIOUS WELL NU: Not Reported  
 LATITUDE: 292630 LAT DEC: 29.4416667  
 LONGITUDE: 983648 LONG DEC: -98.6133333  
 OWNER 1: Southwest Research OWNER 2: Institute  
 DRILLER 1: J. R. Johnson DRILLER 2: Drilling & Supplies  
 SOURCE OF COORDS: 1  
 AQUIFER CODE: EDWARDS AND ASSOCIATED LIMESTONES  
 AQUIFER ID1: Edwards (BFZ) AQUIFER ID2: Not Reported  
 AQUIFER ID3: Not Reported ELEV OF LSD: 821  
 METH OF MEAS ELEV: INTERPOLATED FROM TOPO MAP  
 USER CODE ECON: Not Reported  
 DATE DRILLED: 12--1955 WELL TYPE: Withdrawal of Water

Remarks Information:  
 STATE WELL NUMBER: 6836404 GROUP NUMBER: 1  
 REMARKS 1: Open hole from 545 to 985 ft. Top  
 REMARKS 2: of Edwards 540 ft. Reported yield



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

SOURCE OF COORDS: 1  
 AQUIFER CODE: EDWARDS AND ASSOCIATED LIMESTONES  
 AQUIFER ID1: Edwards (BFZ) AQUIFER ID2: Not Reported  
 AQUIFER ID3: Not Reported ELEV OF LSD: 840  
 METH OF MEAS ELEV: INTERPOLATED FROM TOPO MAP  
 USER CODE ECON: Not Reported  
 DATE DRILLED: 05121952 WELL TYPE: Withdrawal of Water

Remarks Information:  
 STATE WELL NUMBER: 6836402 GROUP NUMBER: 1  
 REMARKS 1: Open hole from 574 to 679 ft.  
 REMARKS 2: Cemented from 574 ft. to surface.

STATE WELL NUMBER: 6836402 GROUP NUMBER: 2  
 REMARKS 1: Top of Edwards 574 ft. Reported  
 REMARKS 2: yield 700 gpm.

**B6  
 West  
 1/2 - 1 Mile  
 Higher**

**TX WELLS TX0000000093160**

WELL DEPTH: 889 SOURCE OF DEPTH: DRILLER'S LOG  
 TYPE OF LIFT: TURBINE PUMP TYPE OF POWER: ELECTRIC MOTOR  
 HORSEPOWER: 75.00 PRIMARY WATER USE: INDUSTRIAL  
 SECOND WATER USE: Not Reported TERTIA WATER USE: Not Reported  
 WATER LEVEL AVAIL: N WATER QUAL AVAIL: N  
 WELL LOGS AVAIL: Not Reported OTHER DATA AVAIL: Not Reported  
 DATE COLL OR UPDAT: 07271967 REPORTING AGENCY: US GEOLOGICAL SURVEY  
 WELL SCHED IN FILE: Y CONSTRUCT METHOD: Hydraulic Rotary  
 COMPLETION: Open Hole CASING MATERIAL: Steel  
 SCREEN MATERIAL: Not Reported LITH LOG TYPE: Not Reported  
 LITH INT BY: Not Reported LITH DATE: Not Reported  
 TODAYS DATE: Not Reported USER NAME: Not Reported  
 STATE WELL NUMBER: 6836403 COUNTY CODE: 29  
 BASIN: San Antonio River ZONE: 1  
 REGION NUMBER: 11 PREVIOUS WELL NU: Not Reported  
 LATITUDE: 292631 LAT DEC: 29.4419444  
 LONGITUDE: 983654 LONG DEC: -98.615  
 OWNER 1: Southwest Research OWNER 2: Institute  
 DRILLER 1: J. R. Johnson DRILLER 2: Drilling & Supplies  
 SOURCE OF COORDS: 1  
 AQUIFER CODE: EDWARDS AND ASSOCIATED LIMESTONES  
 AQUIFER ID1: Edwards (BFZ) AQUIFER ID2: Not Reported  
 AQUIFER ID3: Not Reported ELEV OF LSD: 830  
 METH OF MEAS ELEV: INTERPOLATED FROM TOPO MAP  
 USER CODE ECON: Not Reported  
 DATE DRILLED: 08--1954 WELL TYPE: Withdrawal of Water

Remarks Information:  
 STATE WELL NUMBER: 6836403 GROUP NUMBER: 1  
 REMARKS 1: Open hole from 567 to 889 ft. Top  
 REMARKS 2: of Edwards 567 ft.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**B7**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      S000989**

GIS Id:	10000992	Pws Id:	0150309
Water Source:	G0150309B	Owner:	2-NORTH WELL
Hydrologic code:	12100301	Stream Segment:	Not Reported
Waterbody:	Not Reported	State wellno:	6836402
Welldepth:	750	Depth agency:	Water Well driller
Depth source:	Recorded on driller's log or state well report		
Aquifer:	218EDRDA		
Drilldate:	19520514	Welldata:	not reported
Elevatn:	840	Elevmeth:	Topographic Map Interpolation
V_datum:	1929 North American Datum	Aquifer method:	Well Schedule
Latitude:	292633	Longitude:	983656
Accuracy:	Good - Water source has been located with symbols and/or features on the map.		
Collecting Org:	Texas Natural Resource Conservation Commission		
Location Meth:	Map interpolation, via digital source, Method 1: Water source location was manually plotted on USGS 7.5-minute topographic quadrangle and subsequently digitized.		
Horiz datum:	North American Datum 1927 (NAD27)		
Mapscale:	7.5' X 7.5' (1:24,000)	Fips:	029
Quadnum:	2998-244	Collection date:	Not Reported
Latitude:	29.4425	Longitude:	98.6156
Initials:	JDF	Last changed:	01/05/1995 00:00:00
Remarks:	P		
Status:	Plugged (May also be Capped)		
Description:	not reported	Elevation:	256

**8**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**TX WELLS      S000988**

GIS Id:	10000991	Pws Id:	0150309
Water Source:	G0150309A	Owner:	1
Hydrologic code:	12100301	Stream Segment:	Not Reported
Waterbody:	Not Reported	State wellno:	68364
Welldepth:	765	Depth agency:	Texas Natural Resource Conservation Commission
Depth source:	Unknown		
Aquifer:	218EDRDA		
Drilldate:	Not Reported	Welldata:	not reported
Elevatn:	0	Elevmeth:	not reported
V_datum:	not reported	Aquifer method:	Interpretation of Driller's Log
Latitude:	292631	Longitude:	983658
Accuracy:	Good - Water source has been located with symbols and/or features on the map.		
Collecting Org:	Texas Natural Resource Conservation Commission		
Location Meth:	Map interpolation, via digital source, Method 1: Water source location was manually plotted on USGS 7.5-minute topographic quadrangle and subsequently digitized.		
Horiz datum:	North American Datum 1927 (NAD27)		
Mapscale:	7.5' X 7.5' (1:24,000)	Fips:	029
Quadnum:	2998-244	Collection date:	Not Reported
Latitude:	29.4419	Longitude:	98.6161
Initials:	KEH	Last changed:	01/10/1994 00:00:00
Remarks:	P		
Status:	Plugged (May also be Capped)		
Description:	not reported	Elevation:	0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**9**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**TX WELLS      TX0000000093169**

WELL DEPTH:	Not Reported	SOURCE OF DEPTH:	Not Reported
TYPE OF LIFT:	TURBINE PUMP	TYPE OF POWER:	ELECTRIC MOTOR
HORSEPOWER:	50.00	PRIMARY WATER USE:	DOMESTIC
SECOND WATER USE:	STOCK	TERTIA WATER USE:	Not Reported
WATER LEVEL AVAIL:	N	WATER QUAL AVAIL:	N
WELL LOGS AVAIL:	Not Reported	OTHER DATA AVAIL:	Not Reported
DATE COLL OR UPDAT:	Not Reported	REPORTING AGENCY:	Not Reported
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:	Not Reported	USER NAME:	Not Reported
STATE WELL NUMBER:	6836412	COUNTY CODE:	29
BASIN:	San Antonio River	ZONE:	1
REGION NUMBER:	11	PREVIOUS WELL NU:	Not Reported
LATITUDE:	292554	LAT DEC:	29.4316667
LONGITUDE:	983641	LONG DEC:	-98.6113889
OWNER 1:	Ruth McClain Bauers	OWNER 2:	Not Reported
DRILLER 1:	Not Reported	DRILLER 2:	Not Reported
SOURCE OF COORDS:	1		
AQUIFER CODE:	EDWARDS AND ASSOCIATED LIMESTONES		
AQUIFER ID1:	Edwards (BFZ)	AQUIFER ID2:	Not Reported
AQUIFER ID3:	Not Reported	ELEV OF LSD:	740
METH OF MEAS ELEV:	INTERPOLATED FROM TOPO MAP		
USER CODE ECON:	Not Reported		
DATE DRILLED:	Not Reported	WELL TYPE:	Withdrawal of Water

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction  
Distance Database EDR ID Number

---

**WSW**  
1/2 - 1 Mile

OIL\_GAS 2003281

Surface id: 246922  
Api: 02930738  
Longn (NAD 27): -98.61329424 Latn (NAD 27): 29.43444037  
County: Bexar Wellid: 30738  
Reliability of Well Spot: RRC Hardcopy Map.  
Symbol: Canceled/Abandoned Location

Bottom id: 246922  
Latitude (NAD 27): 29.43444 Longitude (NAD 27): -98.61329

# 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
BEXAR	1.1	61	3.3	.0	<.5	6.7

Federal EPA Radon Zone for BEXAR 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: 78228

Number of sites tested: 4

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<sup>R</sup> 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

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"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 #:** 1717405.3  
**P.O. #:** 0888802978 0029 TS01  
**Site Name:** Callaghan Road USARC

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

**Address:** 600 Callaghan Road  
**City/State:** San Antonio, TX 78228  
**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**

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**EDR**® Environmental  
Data Resources Inc

## **EDR Historical Topographic Map Report**

**Callaghan Road USARC  
600 Callaghan Road  
San Antonio, TX 78228**

**Inquiry Number: 1717405.4**

**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](http://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.

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**EDR**® Environmental  
Data Resources Inc

## **The EDR Aerial Photo Decade Package**

**Callaghan Road USARC  
600 Callaghan Road  
San Antonio, TX 78228**

**Inquiry Number: 1717405.5**

**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](http://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.

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

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**EDR**® Environmental  
Data Resources Inc

**The EDR-City Directory**  
*Abstract*

**Callaghan Road USARC**  
600 Callaghan Road  
San Antonio, TX 78228

**Inquiry Number: 1717405.6**

**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](http://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.

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## 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 1904 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: July 18, 2006

**Target Property:**

600 Callaghan Road  
San Antonio, TX 78228

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1904	<b><u>**CALLAGHAN**</u></b> C E SPEARS R (600)	Jules A. Appler, Compiler And Publisher
1909	<b><u>**CALLAGHAN**</u></b> M ARCINIEGA R (600)	Jules A. Appler, Publisher of City Directories
1914	<b><u>**CALLAGHAN**</u></b> P & GENEVIEVE SEIDEMANN H (600)	Jules A. Appler, Publishers
1920	<b><u>**CALLAGHAN**</u></b> P & GENEVIEVE SEIDEMANN H M (600)	J. A. Appler Press, Publishers
1925	Address Not Listed in Research Source	Appler Directory Co.
1930	Address Not Listed in Research Source	John F. Worley Directory Co.
1935	Address Not Listed in Research Source	John F. Worley Directory Co.
1941	Address Not Listed in Research Source	John F. Worley Directory Co.
1946	Address Not Listed in Research Source	John F. Worley Directory Co.
1951	Address Not Listed in Research Source	John F. Worley Directory Co.
1956	Address Not Listed in Research Source	John F. Worley Directory Co.
1961	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1964	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1970	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1975	Address Not Listed in Research Source	R.L.Polk Co.
1980	<b><u>**CALLAGHAN RD**</u></b> V S ARMRNY RESERVE NO (600)	R. L. Polk Co. Publishers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	<b>**CALLAGHAN RD**</b> U S ARMY RESERVE NO (600)	R. L. Polk Co. Publishers
1992	<b>**CALLAGHAN RD**</b> U S ARMY RESERVE NO 3 (600)	R. L. Polk Co. Publishers
2005	Address Not Listed in Research Source	Cole Information Services

## Adjoining Properties

### SURROUNDING

Multiple Addresses  
San Antonio, TX 78228

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1904	<b>**CALLAGHAN AVE**</b> JOHN DANYSCH H (550) SALVADOR DELGADO HI (604) R Y SAENZ R (608)	Jules A. Appler, Compiler And Publisher
1909	<b>**CALLAGHAN AVE**</b> C NOLAN C R (526) JOHN DANYSCH H (550) S DELGADO SR H (604)	Jules A. Appler, Publisher of City Directories
1914	<b>**CALLAGHAN AVE**</b> R & REBECCA JONES SR C R (526) MAY STEWART C H (527) JOSEPHINE MACKEV C R (528) L & DELLA JONES C R (530) MARY BROWN C H (531) R & LIZZIE BEASLEY C H (535) L & RAMONA GARZA R (550) PAULETO DELRADO H (604) T & LILLIE ELLSFORD C H (605) J & IDA STEVENS C H (609) G S & MIATTIE STEVENS C H (613) JEFF & EMMA CLACK C H (617) L & GERTRUDE JACKSON C R (621) JULIA NORRIS C H (623) VACANT (627) ANNIE PEARV C H (629) G J & MAGGIE GRACE C H (633) AMELIA POLITE C R (635) MAGGIE POLITE C H (639) C L & MELONAH JACKSON C H (641)	Jules A. Appler, Publishers

**Year   Uses**

**Source**

1914 (continued)

C G & EASTER WILLIAMS C R (643)  
R & NEOMA DANIEL C R (645)

1920 **\*\*CALLAGHAN AVE\*\***

J. A. Appler Press, Publishers

J J & ELLA DAUSIN R (509)  
F & CLARA KOSCIELSKI R (511)  
GENEVIEVE FLOYD C R (519)  
MELISSA MC GOWN C H (521)  
W & GEORGIA LAMPKIN C R (523)  
ANNIE NOBLE E R (525)  
A & HESTER WRIGHT C R (527)  
JOSEPHINE MAACKEY C R (528)  
SARAH MOSELEY C R (530)  
MARY BROWN C H (531)  
R & AFNES BEASLEY C H (535)  
D & ALLIE COOK C R (550)  
J & IDA STEVENS C R (605)  
J & IDA STEVENS C H (609)  
J S & MATTIE STEVENS C R M (613)  
JEFF & EMMA CLACK C H M (617)  
L & GERTRUDE JACKSON C R (621)  
J BAREFIELD C R (623)  
TOM FRYER C R (627)  
ANNIE PERRY C H (629)  
GT J & MAAGIE GRACE C H M (633)  
W & ALBERTA ALLEN C R (635)  
MAGGIE REDMOND C H M (639)  
B & LULA KRISME C R (641)  
C T & EASTER WILLIAMS C R :M (643)  
I & IDA M HAVWOOD H M (645)  
G A & AMALIA GONZALES H (658)

1925 **\*\*CALLAGHAN AVE\*\***

Appler Directory Co.

MARIA IAVILA R (509)  
MRS MATTIE KUYKENDALL H M (512)  
R TILLMNAN C R (512)  
ED FITZGERALD C R (514)  
R & AGNES BLEASLEY C H A (515)  
VACANT (519)  
GERTRUDE JULY C B M (520)  
MRS MINNIE LITTLE C R (521)  
A & CORA L WILSON C H M (522)  
VACANT (523)  
J R & ROBERTA ROBINSONC HM (527)

**Year   Uses**

**Source**

1925 (continued)

J C & JOSEPHLINE BURTON C H (601)  
PINKIE WILLIAMS C R (602)  
REAR J & IMITTIE BROWN C R (602)  
C & LEAH CUNNINGHLAM C R (604)  
VACANT (604)  
A & ROSIE STEWART C R (606)  
REAR VACANT (606)  
T & LILLY ELLSFORD C H (607)  
T & LANRA BELLE STEVENS C H (609)  
RIOSIE MILLS C R (610)  
MARY KNOWLES C R (613)  
TOXANA SNEED C H (614)  
MRS JOSEPHINE MNACKEY C R (617)  
LI & CERTRUDE JACKSON C R (621)  
MARY THOMPSON C R (623)  
E & IDA M ADAMS C H M (627)  
B & ROSIE MARTINDILE C R (629)  
G J & MAGGIE GRACE C H M (633)  
:15 H LT & IDA MITHEOLL C R (635)  
W & ANNIE SMITH C R (639)  
A & AMELIA GONZALES H (640)  
& NELUA JOHN ON C H (641)  
C G & EASTER WILLIAMLS C H M (643)  
I H & TDA MAE IAYWOODC HM (645)  
W C & STRAH F JENKINS C HM (652)  
P & GENEVIEVE SEIDENIANN H M (654)  
H G & LENA DEININGER LH C (827)  
VACANT (831)

1930 **\*\*CALLAGHAN AVE\*\***

John F. Worley Directory Co.

GONZALES PABLO (508)  
GILMORE ASA (509)  
MARCHIONA ANTONIO O (512)  
WELLS GEO (512)  
VACANT (513)  
VALLADEZ ADOLFO O (514)  
519 HERNANDEZ G L O (517)  
HERNANDEZ GREGORLO (517)  
VACANT (517)  
GAY GEORGIE (520)  
GUILTTERREZ PEDRO (521)  
HERNANDEZ VICENTO (521)  
LOWE ESTHER (522)

**Year   Uses**

**Source**

1930 (continued)

WILSON ARTIS O (522)  
URBANO SANTIAGO O (523)  
RIVAS LIBRADA MRS (525)  
VARGAS NARCISSO (526)  
ALDER INTSCTS (527)  
MARTINEZ I D PHOTOG (527)  
MARTINEZ SARA MRS O (527)  
BURTON JAS O (601)  
AVACANT (602)  
B VACANT (602)  
VACANT (602)  
AVACANT (604)  
B BRYANT JAS (604)  
VACANT (604)  
BEASLY ROBT O (605)  
AVACANT (606)  
BVACANT (606)  
VACANT (606)  
ELLSFORD THOS O (607)  
AVACANT (608)  
BVACANT (608)  
VACANT (608)  
CAMACHO FRANCISCO (609)  
MANZANO JOSE (609)  
PORTER MATTIE O (613)  
FITZGERALD EDW CONTR (614)  
MACKEY I L O (617)  
VACCA ISABEL O (618)  
VACCA SANTAS MRS O (618)  
ABREGO IRENE MRS O (620)  
ELLISON JULIA (621)  
JOHNSON E J O (623)  
ADAMS ERNEST O (627)  
RAMOS ERNESTO O (628)  
KING COLLIN (629)  
ALANIS MARTIN (630)  
GARZA ANITA MRS O (630)  
MOSCORO SAML (630)  
GRACE G J O (633)  
MEDINA HILARIO (635)  
ESQUIVAL O E O (636)  
ESQUIVAL FERNANDO (636)

**Year   Uses**

**Source**

1930 (continued)

- NICHOLS JOHNNIE (638)
- VACANT (639)
- REYES EULALIO (640)
- JOHNSON NEELY O (641)
- GARCIA JUAN (642)
- WILLIAMS C G O (643)
- CASSIAS MONICA (644)
- HAYWOOD I H O (645)
- CABALLERO LIDIO (646)
- JENKINS W C O (652)
- ZAVALA JESUS (654)
- GONZALES G A O (658)

1935

**\*\*CALLAGHAN AVE\*\***

John F. Worley Directory Co.

- ALMENDAREZ PETER (508)
- WHITE SAMI (508)
- 423 REAGAN J M (509)
- JRENDON VICENTE (512)
- MARCHISON ANTONIO (512)
- TERRAZA ARTURO (512)
- MARTINEZ ADOLFO (513)
- VALADEZ ADOLFO (514)
- ALVARADO GUADALUPE (517)
- EADS MINNIE (519)
- VACANT (520)
- CARTER JAS (521)
- LOWE HESTER (522)
- WILSON ARTIS (522)
- RUSSELL GL DLVS (523)
- CAMPBELL WMR (525)
- TREVINO P G (526)
- ALDER INTCCTS (527)
- GRIMES AMANDA (527)
- BURTON JAS (601)
- A LIZCANO JUAN (602)
- B VACANT (602)
- FLIPPONE JOS (602)
- A LOZANO ALFREDO (604)
- LIZCANO CRISPIN (604)
- BEASLEY ROBT (605)
- A AMAYA MARGARITO (606)
- B HILL THOS (606)
- MORENO BARTOLO GRO (606)

**Year   Uses**

**Source**

1935 (continued)

- ELLSFORD THOS (607)
- A OROZO ERNESTO (608)
- B MARTINEZ ROY (608)
- JUAREZ BENITO (608)
- JUAREZ HERLINDA MRS (608)
- GARCIA PHILIP (609)
- BRYANT JAS (613)
- FEUNTER JESUS (614)
- MACKEY I L (617)
- VACA ISABEL (618)
- VACA SANTOS (618)
- ABREGO IRENE MRS (620)
- AMERO MICH (620)
- MENDEZ MARCELINO (621)
- JOHNSON E J (623)
- GALVAN JESUS (624)
- ELLISON JOSIE (625)
- WARE JAS (627)
- VACANT (628)
- ELLISON JULIA (629)
- GARZA ANITA MRS (630)
- MASCORRO SAMI (630)
- GRACE G J (633)
- VACANT (634)
- ESQUIVEL G E (636)
- DIXON ROBERTA (638)
- OWENS GERTRUDE (639)
- HALL HENRY (640)
- DAVIS JULV (641)
- VACANT (642)
- WILLIAMS C G N (643)
- THOMPSON ERNEST (644)
- HAWWOOD I H (645)
- POLK ERNEST (646)
- JENKINS W C (652)
- WELLS MARV (654)
- GONZALES G A (658)

1941   Address Not Listed in Research Source

John F. Worley Directory Co.

1946   Address Not Listed in Research Source

John F. Worley Directory Co.

1951   Address Not Listed in Research Source

John F. Worley Directory Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Address Not Listed in Research Source	John F. Worley Directory Co.
1961	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1964	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1970	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1975	Address Not Listed in Research Source	R.L.Polk Co.
1980	Address Not Listed in Research Source	R. L. Polk Co. Publishers
1986	<u>**CALLAGHAN RD**</u> ALTER JACK H (238) AMBROSE R W (238) ANAYA (238) AVILA GUILLERMO (238) BATORESE (238) BERNS (238) BIRNBAUM (238) BOATRIGHT CLARK (238) BRAUN ABRAHAM M (238) BRENNER RICK F (238) BRIRNIER (238) CANO (238) CHARUR (238) CHAVEZ (238) CLOVER (238) CLOVER (238) CLOVER (238) CLOVER (238) COCHRAN R (238) CONTERAS (238) DAVIDSON (238) DAVIS B G (238) DUFFY (238) DYRR (238) FIERMAN ALLEN (238) FITZGERALD (238) FROST J M (238)	R. L. Polk Co. Publishers

**Year   Uses**

**Source**

1986 (continued)

- GALINDA M GUSTAVO (238)
- GELPERIN (238)
- GEORGE (238)
- GLASSER SAM (238)
- GUTTIERREZ ALFREDO (238)
- HARDER (238)
- HENRY B (238)
- HINAJOSA R (238)
- HOUSE (238)
- IUYKENDALL (238)
- JONES (238)
- JONES J (238)
- JUAREZ (238)
- LAUTERSTEIN H S (238)
- LECANDA (238)
- LEYNA (238)
- MARLOWE (238)
- MARLOWE (238)
- MAYA MARIA D (238)
- NO RETURN (238)
- CONNOR (238)
- ORREL ETHEL (238)
- PETERSON JOHN W (238)
- POST (238)
- REAMS (238)
- REESE (238)
- REYNOLDS (238)
- RIDDLE R (238)
- ROJAS (238)
- SANCHEZ (238)
- SANTOS (238)
- SCHADOGG J A (238)
- SCHAEFFER G (238)
- SCHMIDT (238)
- SKIDMORE (238)
- STONE (238)
- STRAND (238)
- TAYLOR (238)
- TERROBA (238)
- TERROBA (238)
- VELA (238)
- WAKLEY (238)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	(continued)	
	WTRRELL J M JR (238)	
	YOUNG (238)	
	IMPERIAL BALL ROOM (300)	
1992	<b><u>**CALLAGHAN RD**</u></b>	R. L. Polk Co. Publishers
	IMPERIAL BALL ROOM (300)	
	MARTINEZ M E (314)	
2005	<b><u>**CALLAGHAN RD**</u></b>	Cole Information Services
	F EDUARDO (314)	
	R INSTALL CO (402)	
	RTCHARD S YANES NP (402)	