

FINAL

**ENVIRONMENTAL CONDITION OF
PROPERTY REPORT**

**CALLAGHAN ROAD
U.S. ARMY RESERVE CENTER (TX064)
600 CALLAGHAN ROAD
SAN ANTONIO, TEXAS 78228**

Prepared For:

**U.S. Army Corps of Engineers — Louisville District
Engineering Division — Environmental Engineering Branch
600 Dr. Martin Luther King, Jr. Place
Louisville, Kentucky 40202-2232**

May 14, 2007

CERTIFICATION

All information/documentation provided accurately reflects the environmental condition of the property. This Environmental Condition of Property (ECP) Report is in general accordance with the U.S. Department of Defense (DoD) requirements for completion of an ECP Report.

JAMES WHEELER II
Chief, Environmental Division
90th Regional Readiness Command

DATE

The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP.



LENARD GUNNELL, P.G.
Project Geologist
U.S. Army Corps of Engineers

May 14, 2007
DATE

EXECUTIVE SUMMARY

The Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the Callaghan Road U.S. Army Reserve (USAR) Center (Facility ID TX064), hereafter referred to as the "Site" or "USAR Center." The Site is located at 600 Callaghan Road in San Antonio, Bexar County, Texas.

This ECP Report was conducted in conformance with primary Department of Defense (DoD) and Army guidance, the DoD's Base Redevelopment and Realignment Manual, DoD 4165.66-M, Army regulations and the American Society for Testing and Materials Designation D 6008-96 (2005) *Standard Practice for Conducting Environmental Baseline Surveys* as secondary guidance when it was not inconsistent with the primary guidance.

This ECP Report details the history of the Site, including the USAR and any prior uses of the Site and the resulting environmental condition of property.

The USAR Center encompasses 5.0 acres of land with three permanent structures: an 18,053-square-foot Administrative/Training Building, a 3,803-square-foot organizational maintenance shop (OMS), and an approximately 900-square-foot oil-water separator (OWS) building. The Site is currently occupied by four units: 277th Engineer Company, "B" Company 980th, 425th Detachment, and 377th Detachment.

Based on a review of aerial photographs and U.S. Geological Survey topographical maps with scales sufficient to provide pertinent details dating back to 1938, the Site was an undeveloped lot prior to development by the U.S. Government in 1965. The United States of America purchased the Site in 1964. The Administrative/Training Building and OMS were constructed in 1965, and the OWS building was constructed in 2003.

Areas of potential environmental concern were reviewed and the TEJV found the following significant environmental conditions relating to the environmental condition of property. Stained soil and stressed vegetation were observed adjacent to a hazardous materials storage locker located north of the OMS. The stained area, approximately 3 feet wide by 6 feet long, was located between the perimeter fence and the storage locker, and it appeared to be petroleum-based. Also, a pole-mounted transformer on the Site was damaged during a 2005 storm, resulting in the release of dielectric fluid with an unknown polychlorinated biphenyl content. According to USAR personnel, the spill occurred over a weekend and was cleaned up by the local utility company the following Monday morning.

In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

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List of Acronyms and Abbreviations

ACM	asbestos-containing material
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure Act
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CESQG	conditionally exempt small-quantity generator
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Sites
DoD	Department of Defense
EBS	Environmental Baseline Survey
ECCI	Engineering, Compliance & Construction, Inc.
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
HVAC	heating, ventilating, and air conditioning
IFR	indoor firing range
IOP	Innocent Owner/Operator Program
kg	kilogram
LBP	lead-based paint
LPST	leaking petroleum storage tank
LQG	large-quantity generator
MEP	military equipment parking
NFRAP	No Further Remedial Action Planned
NPL	National Priorities List
OMS	organizational maintenance shop
OWS	oil-water separator

Parsons	Parsons Engineering Science, Inc.
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PMT	pole-mounted transformer
POL	petroleum, oil, and lubricants
PWS	Public Water Supply
RCRA	Resource Conservation and Recovery Act
RGF	RGF Environmental Services
RQ	reportable quantity
RRC	Regional Readiness Command
SQG	small-quantity generator
SwRI	Southwest Research Institute
TBA	Targeted Brownfields Assessments
TCEQ	Texas Commission on Environmental Quality
TEJV	Terraine-EnSafe Joint Venture
TSD	treatment, storage, and disposal
USACE	U.S. Army Corps of Engineers
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAR	U.S. Army Reserve
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	underground storage tank
VCP	Voluntary Cleanup Program
VWR	vehicle wash rack

1.0 INTRODUCTION

The Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, was authorized to prepare an Environmental Condition of Property (ECP) Report for the Callaghan Road U.S. Army Reserve (USAR) Center (Facility ID TX064), in response to the Base Realignment and Closure Act (BRAC) 2005 legislation. The work was performed under Contract No. W912QR-04-D-0044, Delivery Order No. 0008. The facility located at 600 Callaghan Road in San Antonio, Bexar County, Texas, is hereafter referred to as the "Site" or "USAR Center."

In support of the ECP process, a visual reconnaissance of the Site was conducted by TEJV personnel on August 15, 2006. The purpose of the reconnaissance was to obtain information indicating the likelihood of recognized environmental conditions in connection with the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY

The Military Department with real property accountability shall assess, determine, and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense's (DoD's) policy, set forth in the Base Redevelopment and Realignment Manual (DoD 4165.66-M, March 1, 2006) Section C8.3 (BRRM), the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions.
- Provide the public with information relative to the environmental condition of the property.
- Assist in community planning for the reuse of BRAC property.
- Assist federal agencies during the property screening process.
- Provide information for prospective buyers.
- Assist prospective new owners in meeting the requirements under U.S. Environmental Protection Agency's (USEPA) "All Appropriate Inquiry" regulations.
- Provide information about completed remedial and corrective actions at the property.
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any hazardous substance was stored, released or disposed of. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for one year or more — specifically, quantities exceeding 1,000 kilograms (kg) or the reportable quantity (RQ), whichever is greater, of the substances specified in 40 CFR 302.4 or one kg of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the RQ. Army Regulation 200-1 requires that the ECP Report address asbestos, lead-based paint (LBP), radon, and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys* as a guideline when not inconsistent with the BRRM, CERCLA § 120, Army regulations and other applicable Army guidance.

1.2 SCOPE OF SERVICES

This ECP Report covers the 5.0-acre Callaghan Road USAR Center at 600 Callaghan Road in San Antonio, Texas. A general Site location map, site layout plan, building floor plans, historical topographic maps and aerial photographs, and a flood plain map are provided in Appendix A. Appendix B provides photographs taken during the August 15, 2006 Site reconnaissance. Appendix C provides chain-of-title information for the Site. Historical environmental documents and reports are provided in Appendix D. The environmental database report is provided in Appendix E.

This ECP Report classifies the property into one of seven DoD Environmental ECP categories as defined by the S.W. Goodman Memorandum dated October 21, 1996. The property classification categories are as follows:

- Category 1: Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).
- Category 2: Areas where only release or disposal of petroleum products has occurred.
- Category 3: Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

- Category 4: Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.
- Category 5: Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are underway, but all required remedial actions have not yet been taken.
- Category 6: Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.
- Category 7: Areas that are not evaluated or require additional evaluation.

1.3 ASSUMPTIONS AND LIMITATIONS

This report was prepared to permit formulation of an opinion of the environmental condition of the Site. Opinions on the environmental conditions at the Site are based on information from the Site reconnaissance, interviews, and collection and review of readily available information. New information or changes in Site use could require a review and possible modification of the findings and conclusions contained in this report.

The information obtained from the USAR, the USAR's representatives, individuals interviewed and prior environmental reports was considered to be accurate unless reasonable inquiries indicated otherwise. Conditions observed were considered representative of areas that were not accessible unless otherwise indicated.

This ECP Report presents a summary of readily available information on the environmental conditions of, and concerns relative to, the land, facilities, and real property assets at USAR Center. Its findings are based on a record search of readily available documents, a thorough review of the applicable and relevant documents, interviews with personnel knowledgeable about the Site and its history, and a Site reconnaissance conducted August 15, 2006. Extensive environmental investigations and reports and Site historical documents were reviewed in support of this ECP. Information obtained from these other studies is reflected within this report by reference. A complete list of references is provided as Section 9.0.

All Site buildings were visually inspected during the Site reconnaissance; however, shipping container boxes storing equipment returned from deployment in Iraq were inaccessible. A 100% visual reconnaissance of each building (e.g. attics, crawl spaces, etc.) was not practical due to accessibility restrictions. No sampling or analysis of any media was conducted during this survey.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

A Site reconnaissance involving a walking tour of the facility and its perimeter, as well as a systematic survey on foot through each section of the property and Site buildings, was conducted by TEJV personnel on August 15, 2006, to field-verify information produced in the document review and to identify recognized environmental conditions of property.

A reconnaissance of the Site perimeter was conducted to evaluate adjacent property uses that could cause environmental contamination on the Site. TEJV personnel drove on roads along the perimeter to visually identify any contiguous properties that appear, in TEJV's professional judgment, to have contamination that could migrate to the Site. The findings of the perimeter survey are presented in Section 4.0.

2.1 SITE LOCATION

The USAR Center is located at 600 Callaghan Road in San Antonio, Bexar County, Texas (Figure 1 in Appendix A). The Site is approximately 7 miles west of downtown San Antonio in an area of mixed light industrial and residential use. The area is currently experiencing rapid growth; however, the properties adjoining the Site are undeveloped, except for Southwest Research Institute (SwRI) to the west, which is discussed in Section 4.0.

2.2 ASSET INFORMATION

Facility Name and Address:	Callaghan Road USAR Center (TX064) 600 Callaghan Road San Antonio, Texas 78228
Property Owner:	United States of America
Date of Ownership:	November 12, 1964
Current Occupant:	277 th Engineer Company, "B" Company 980 th , 425 th Detachment, and 377 th Detachment
Zoning:	Industrial
County, State:	Bexar County, Texas
USGS Quadrangle:	San Antonio, Texas West
Latitude/Longitude:	29° 26' 30.1" N/98° 36' 5.4" W
Legal Description:	Tract A-1, Block 11493, also known as Geographic ID 11493-000-0211, situated and lying in the City of San Antonio, Bexar County, State of Texas

2.3 PHYSICAL DESCRIPTION

A Site map of the USAR Center is provided as Figure 2 in Appendix A. Photographs from the August 2006 Site reconnaissance are provided in Appendix B. Photographs 1 through 8 depict conditions at adjoining properties, while photographs 9 through 36 illustrate specific environmental conditions or other Site-specific features.

The Site is currently utilized by the 90th Regional Readiness Command (RRC) as an USAR Center. The current occupants of the Site include: the 277th Engineer Company (asphalt paving/rock crushing), "B" Company 980th (civil construction), 425th Detachment (water well drilling), and the 377th Detachment (rock crushing). No construction activities, rock crushing, or asphalt production take place at the Site. Approximately 80% of the 5.0-acre property is impervious (i.e., asphalt, concrete, or building footprint) and most is utilized for vehicle and equipment staging on asphalt parking areas. Storm water drainage from the parking areas sheet flows either to the perimeter ditches or to one of four storm water inlets that discharge to the east along New Callaghan Road.

The 5.0-acre Site is rectangular in shape and is generally flat, with a slight slope to the west. The property is developed with three buildings: an 18,053-square-foot Administrative/Training Building, a 3,803-square-foot organizational maintenance shop (OMS), and an approximately 900-square-foot oil-water separator (OWS) building.

The Administrative/Training Building is a two-story concrete block structure with brick veneer on a concrete slab constructed in 1965. This building houses the administrative offices, training rooms, kitchen, and an assembly hall. Ancillary storage within the building includes an arms vault and two janitorial closets. Offices, restrooms, an arms storage room, and a mechanical room occupy the northern part of the building. The arms vault is currently used to store infantry small arms and ammunition.

The Administrative/Training Building once housed an indoor firing range (IFR) where the supply room is today. Details regarding the IFR are presented in Section 3.5.5. The below-grade mechanical room is located in the center of the building. Fluorescent light bulbs were being stored in the mechanical room, along with heating, ventilating, and air-conditioning (HVAC) equipment. Consumer-sized quantities of cleaning chemicals (e.g., detergent, disinfectant, etc.) were stored in a janitor's closet. Floor drains in the restrooms and in the mechanical room are used to collect condensate from the HVAC system and to facilitate floor cleaning. The floor drains discharge into the public sanitary sewer that serves the Site. No evidence of chemical or petroleum releases was observed inside any room in the Administrative/Training Building.

The OMS is west of the Administrative/Training Building and is constructed of concrete block with brick veneer and metal siding. The OMS has three maintenance bays, with ancillary caged storage areas within the building interior. The OMS, used for light maintenance (such as tire changes, oil changes, and minor repairs) of vehicles and equipment, contained a large fork lift, an oil filter crusher, two parts washers (one solvent-based, and one hot-water based), a grease pump, and 55-gallon drums for

collecting used oil from the crusher. Flammable materials storage lockers were in use for small quantities of petroleum, oil, and lubricants (POL) and paints. Three metal hazardous materials storage lockers are located north of the OMS. The storage lockers are pre-fabricated units with grated floors and secondary containment.

The OWS building, located north of the OMS, contained an aboveground wash water recycling system, which is part of the OWS system that collects water from an adjacent vehicle wash rack (VWR). The building is constructed of metal sheeting sides and roof, with one overhead door. A concrete pad for the VWR has a trench drain that discharges to the OWS sediment trap, sump, recycling system, and oil storage tank. Water from the OWS is discharged to the sanitary sewer system. The OWS building, constructed in 2003, replaced an approximately 200-square-foot storage building that was demolished when the recycling system was upgraded.

The remainder of the Site consists of asphalted areas for privately owned vehicle parking and military equipment parking (MEP), a small grassy area with a wooden gazebo southeast of the Administrative/Training Building, and a grassy area with trees at the east entrance. Within the MEP area were various military trucks, equipment, and shipping container boxes.

The USAR Center primarily functions as a training facility and Site unit administration, and also serves as an equipment staging area and light maintenance facility. The facility employs approximately 10 full-time employees (civilian and military) whose roles include unit administration, training coordination, and operations, as well as vehicle/equipment maintenance. On drill weekends, up to 200 personnel are present.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Figure 1 in Appendix A provides a topographic map of the Site and surrounding area. As shown on the map, the Site is relatively flat with an east/southeast general topographic gradient and is approximately 753 feet above mean sea level. Storm water drainage from the parking areas sheet flows to the unnamed perimeter ditches or to the east along New Callaghan Road.

No surface water features are located in the immediate vicinity of the Site. An unnamed, heavily channelized creek, which receives storm water run-off from the property via ditches, is located approximately 400 feet east of the Site. The unnamed tributary flows east-southeast and discharges to Braunig Lake, approximately 2.5 miles from the Site.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map for the City of San Antonio, Texas (Map Number 48029C0428, January 4, 2002), the Site is in "Zone X." Zone X is defined by FEMA as "other flood areas." The Site is outside the 100-year floodplain, but lies within the 500-year floodplain. The average annual precipitation in the area is approximately 29 inches.

2.4.2 Hydrogeological Characteristics

The rock stratigraphic unit of this area is of the Mesozoic Era, Cretaceous System, and Navarro Group in the Stratified Sequence. The Edwards Aquifer, which underlies Bexar County, is composed of Lower Cretaceous age carbonate rock, and has a freshwater zone extending through Bell, Williamson, Travis, Hays, Comal, Bexar, Medina, Uvalde, and Kinney counties (Eckhardt, 2006).

Based on information from the U.S. Department of Agriculture (USDA) National Cooperative Soil Survey, the predominant soil component is the Houston black gravelly clay which has 1 to 3% slopes. Also located at this Site is Branyon soil, which also has a clay texture but a 0 to 1% slope. These soils are both considered moderately well drained. The soils are clayey with a high water table (depth to water table is typically 3 to 6 feet). According to information on the Natural Resource Conservation Service Web site, hydric soils in this area exist only in surface depressions. No depressions in the land surface were observed at the USAR Center; therefore, no hydric soils exist at the Site.

A database search was conducted for federal U.S. Geological Survey (USGS), federal Public Water Supply (PWS) System wells, and state-registered wells within 1 mile of the Site (Environmental Data Resources, Inc. [EDR] Report in Appendix E). No PWS System wells were located within 1 mile of the Site. Nine water wells and one oil/gas well were identified within 1 mile. Eight of the water wells are on the SwRI property west of the Site, two of which are listed as plugged. The other water well is owned by Ruth McClain Bauers on a property almost 1 mile southwest of the Site. The water well depths range from 679 to 985 feet deep.

Based on a review of the USGS topographic map, and assuming groundwater in the area follows the topography, shallow groundwater would be expected to flow to the east/southeast.

2.5 SITE UTILITIES

The San Antonio Water System provides potable water to the Site. Electric power, natural gas, and sanitary sewer services are provided by City of Antonio Public Service.

2.6 WATER SUPPLY WELLS AND SEPTIC SYSTEMS

As described in Section 2.4.2, there are no PWS wells within 1 mile of the Site. The Site is served by public utility systems and there are no known wells or known septic systems on the Site.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Land titles for the Site were reviewed back to 1906. Appendix C contains a historical chain-of-title report completed for the Site, which was prepared by NETR-Real Estate Research & Information. Key historical deed transfers of the Site within the last 60 years are as follows:

- November 16, 1955 — John Beuford Hurt, et al. and Estate of Thomas H. Hurt to West San Antonio Development Corporation
- September 9, 1963 — West San Antonio Development Corporation to Earl F. Slick, Lewis J. Moorman, Jr., Charles F. Urschel, Jr., and Co-Executors of the Estate of Tom Slick
- November 12, 1964 — Earl F. Slick, Lewis J. Moorman, Jr., Charles F. Urschel, Jr., and Co-Executors of the Estate of Tom Slick to United States of America.

The chain-of-title report did not identify any leases or environmental liens against the USAR Center property.

3.2 PAST USES AND OPERATIONS

Important events in the facility's development, administration, and mission are summarized in Table 1.

Year	Description
1964	Site acquired by United States of America
1965	Administrative/Training Building and OMS constructed
By 1985	OWS installed
1995	RGF Environmental Systems Oil-Water Recycling System installed
2003	Facet (Model MCS 122) Oil-Water Recycling System installed, modifications made to the VWR, and OWS building constructed.

Historical information suggests that the Site was undeveloped until the U.S. Government built the USAR Center in 1965. The current occupants of the Site — the 277th Engineer Company, "B" Company 980th, 425th Detachment, and the 377th Detachment — have been on the Site since 1965.

Historical topographic maps (Figures 6 to 12 in Appendix A) dated 1904, 1918, 1942, 1953, 1967, 1973, and 1993, and aerial photographs (Figures 13 to 19 in Appendix A) dated 1938, 1959, 1966, 1977, 1986, 1992, and 2004, provided information about the Site and surrounding area.

Pertinent observations on the historical USGS topographic maps are summarized below.

- **1904 (Figure 6).** This figure was produced at a scale of 1:62,500 and does not show sufficient detail to make any Site-specific observations. Old Callaghan Road does not exist in this figure.
- **1918 (Figure 7).** This figure was produced at a scale of 1:125,000 and does not show sufficient detail to make any Site-specific observations. Old Callaghan Road does not exist in this figure.
- **1942 (Figure 8).** This figure was produced at a scale of 1:62,500. Old Callaghan Road is shown and there are no structures in the vicinity of the Site.
- **1953 (Figure 9).** This figure was produced from a 7.5-Minute quadrangle (scale of 1 inch = 2,000 feet). Old Callaghan Road is shown but there are no structures in the vicinity of the Site. The Site is within a dashed line outlining the Hurt Field Military Reservation and an airplane runway is shown approximately 1,500 feet northeast of the Site. The SwRI is labeled to the west of the Site.
- **1967 (Figure 10).** This figure was produced from a 7.5-Minute quadrangle (scale of 1 inch = 2,000 feet). Old Callaghan Road and New Callaghan Road are shown on this figure and the Site is labeled "Army Reserve Training Center." The Administrative/Training Building and OMS are shown in their current locations. A landing strip is labeled on the property to the northeast where Hurt Field was shown in 1953. The SwRI is labeled to the west of the Site.
- **1967-1973 (Figure 11).** This figure was produced from a 7.5-Minute quadrangle (scale of 1 inch = 2,000 feet). The only significant difference from the previous figure is development to the north and east of the Site.
- **1993 (Figure 12).** This figure was produced from a 7.5-Minute quadrangle (scale of 1 inch = 2,000 feet). This figure is similar to the previous figure; development continues to the north, east, and southeast of the Site.

Pertinent observations on the historical aerial photographs are summarized below.

- **1938 (Figure 13).** This figure shows Old Callaghan Road on the west side of the Site. The Site and surrounding properties are undeveloped and most likely in use agriculturally.
- **1959 (Figure 14).** This figure is similar to Figure 13. Development in the surrounding area is visible to the north along Old Callaghan Road and a landing strip is northeast of the Site.

- **1966 (Figure 15).** Old Callaghan Road, New Callaghan Road, the Administrative/Training Building, the OMS, and paved parking areas are shown in their current locations. Other details on the Site are not discernable. The surrounding area has not changed significantly from Figure 14.
- **1977 (Figure 16).** This figure is similar to Figure 15 except for an addition of a road on the north side of the Site and the west end of the property being used for storage/parking. Development in the surrounding area is visible to the north and southeast.
- **1986 (Figure 17).** This figure shows the Site similar to Figure 16, and development in the surrounding area continues to the north and southeast.
- **1992 (Figure 18).** This figure is similar to Figures 16 and 17, and development in the surrounding area continues to the northwest, north, and southeast.
- **2004 (Figure 19).** This figure shows the Site similar to current conditions. The west end of the Site appears paved when compared to previous figures. Also, development on surrounding properties to the east and southeast has increased dramatically.

3.3 PAST USE, STORAGE, DISPOSAL, AND RELEASE OF HAZARDOUS SUBSTANCES

3.3.1 Past Use and Storage of Hazardous Substances

Information related to the past use and storage of hazardous substances at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel.

Chemicals formerly used and stored at the Site were associated with vehicle and facility maintenance activities and janitorial services. Janitorial chemicals and building maintenance-related products were stored in the designated storage area within the janitorial closet in the Administrative/Training Building.

A 1998 Historical Architectural Report (Parsons Engineering Science, Inc. [Parsons]) contained a map dated June 5, 1989 (see Figure 55 of the 1998 Parsons report in Appendix D). That map shows:

- 1 — Drum storage area north of the OMS
- 2 — VWR north of the OMS (same as current location)
- 3 — Transformer southwest of the Administrative/Training Building (same as current location)

The location of the VWR noted in the 1998 report is the same as that observed during the August 15, 2006 Site reconnaissance. According to USAR personnel, the VWR was reconfigured in 2003, an overhead cover and OWS building were constructed, and a new wash water recycling system was installed.

Certain types of chemical products used and stored at the Site would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct-support-level maintenance. However, there is no indication that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding RQs.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel. According to USAR personnel and Site records, there is no evidence that hazardous substances above RQs were released or disposed on the Site.

3.4 PAST BULK PETROLEUM STORAGE TANKS

Based upon a review of available Site records, a search of federal and state environmental databases, and interviews with USAR personnel, it does not appear that bulk petroleum aboveground storage tanks (ASTs) and/or underground storage tanks (USTs) have been used on the Site. The current UST and ASTs associated with the OWS are discussed in Section 6.1.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

A review of Site records produced several applicable reports pertaining to the Site. The following subsections provide a brief summary of these reports. Copies of the reports, unless otherwise specified, are provided in Appendix D. Only pertinent sections of reports that addressed multiple sites are presented in Appendix D.

3.5.1 Environmental Baseline Survey Report

Engineering, Compliance & Construction, Inc. (ECCI) issued an *Environmental Baseline Survey* (EBS) for the Site in August 2005 for the USAR, 90th RRC. The EBS provides summary and general information about the Site. "In accordance with the ASTM Designation D 5746-98 for *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities*", ECCI classified the Site as an ECP Area Type 1 Property. An ECP Area Type 1 Property is an area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred, including no migration of these substances from adjacent properties.

3.5.2 Oil-Water Separator Assessment

EnSafe Inc. performed an *Oil/Water Separator Evaluation* at the Site in 2000. The assessment indicated that the OWS at the Site is a combination of an older OWS system installed before 1985 and an aboveground RGF Environmental Systems (RGF) recycling system installed in 1995. The older OWS is in the MEP area, west of the VWR. The recycling system is west of the VWR inside a storage building. The older OWS is a combination of two, pre-cast concrete vessels. Water flows from the VWR's 150-gallon sediment trap to a 150-gallon collection sump. The collection sump has a pump to discharge water to the recycling system and also has an effluent pipe that discharges directly to the sanitary sewer. Once the sump reaches capacity, the water is discharged to the 4,000-gallon capacity OWS chamber, where oil and grease flows to a 1,500-gallon oil storage tank that discharges to the sanitary sewer when at capacity.

The RGF system has nine stages of oil/water separation and filtration, and is designed to retain all of its processed water and to remove oils and sludge. Treated water is deposited into a 500-gallon AST while the wastes are collected in filters and smaller separation tanks. Treated water is then discharged back into the collector pit or used as wash water for washing vehicles. During the 2000 evaluation, the RGF system was inoperable and water was passing to the sanitary sewer from the effluent chamber. Also, the water flow between the sediment trap and the effluent chamber was restricted due to the excessive sludge build-up in the sediment trap.

3.5.3 Architectural Assessment Report

Parsons performed a *Historic Architectural Resources Assessment of the 90th Regional Support Command Facilities in Texas* for the Department of the Army, 90th RRC, Office of the Engineer. The findings of the assessment were compiled in a report issued February 1998. The report concluded that the buildings on the Site, which were reported to be constructed in 1956, were not eligible for placement on the National Register of Historical Places because they did not meet the 50-year age criteria and they did not appear to possess exceptional historical importance, with Texas State Historic Preservation Office concurrence. No further architectural surveys were recommended for this Site until it reached 50 years of age in 2006.

Based on a review of 1959 and 1966 aerial photographs, the Site was undeveloped in 1959, and developed in its current configuration in 1966. The U.S. Government did not purchase the Site until 1964. Therefore, the TEJV believes the Historic Architectural Resources report erroneously stated the Site buildings were constructed in 1956.

3.5.4 Lead-Based Paint Report

The 90th RRC conducted a LBP survey of the USAR Center on November 27, 2001. LBP was found in the OMS on the off-white metal support beam, yellow safety paint, and beige and yellow exterior overhead doorframes. LBP was found in the Administrative/Training Building on the interior green metal stair and rail and on the

exterior silver flagpole, yellow and beige doorframes, and black metal rail. No further action was recommended at that time.

3.5.5 Indoor Firing Range Report

A USAR memorandum dated April 18, 1996, indicated that the IFR at the USAR Center was assessed and wipe samples were collected for residual lead analysis. A review of the laboratory data contained in the 1996 memorandum indicated that “the results from the laboratory and evaluation of all available material reviewed during the site visit indicate no potential for health threat exists” and the area was released for alternative use.

3.5.6 Radon Report

The 90th RRC conducted a radon survey of the USAR Center from August 4 to 7, 1998. According to the report, laboratory data indicated that the indoor radon levels measured on the lowest ‘living’ space ranged in concentration up to 2.1 picocuries per liter (pCi/L). All levels were below the USEPA-recommended action level of 4.0 pCi/L.

3.5.7 Asbestos Report

The 90th RRC conducted a building re-inspection of the USAR Center for asbestos in August 1998. The original asbestos survey report, date unknown, was not available for review. According to the re-inspection report, an attempt was made to relocate the asbestos-containing material (ACM) identified in the original survey. The results of the re-inspection are shown in Table 2.

Original Sample Number	Material	Status
0901	Vibration Gasket	Damaged
1001	Tank/ Vessel	Removed
1201	Boiler Refractory	Replaced
1301	Wall/Ceiling Tiles	Significantly Damaged
1401	Boiler Breeching	Removed
1501	Tank/ Vessel	Good
1601	Tank/ Vessel	Good
2001	Heat/ Chill Water Fittings	Damaged
2003	Heat/ Chill Water Fittings	Significantly Damaged
2201	Domestic Water Fittings	Damaged
2202	Domestic Water Fittings	Damaged
2301	Roofing Materials	Damaged

Additionally, vibration damping cloth on the air handling units in the assembly hall in the Administrative/Training Building was considered presumed ACM in the 1998 re-inspection. No recommendations were made as a result of the 1998 re-inspection.

3.5.8 Cultural Resources Report

Parsons prepared two reports — *Archaeological Assessment and Reconnaissance of 90th Regional Support Command Facilities in Texas* and *Management Summary, Cultural Resources Assessment of 90th Regional Support Command, Facilities in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas* — in February 1998. The assessments concluded that there were no architectural or archaeological issues at the Site. The Site has a “low” archaeological potential and is not eligible for the National Register of Historic Places.

3.5.9 Polychlorinated Biphenyls Report

The U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) performed a *Polychlorinated Biphenyls (PCB) Assessment No. 37-08-5615-97* for the 90th RRC. The assessment was compiled and issued on September 30, 1997, and addressed three pole-mounted transformers (PMTs) on the southwest side of the Site and fluorescent lights in the Administrative/Training Building. Of the three PMTs owned by City Public Service, two were manufactured by Central Malone and one by General Electric. The date of manufacture of the PMTs was unknown, as was the PCB status of dielectric fluid in the PMTs. All three PMTs were reported to have been in good condition.

Additionally, the report indicated that some of the fluorescent lights at the Site had PCB-containing ballasts.

4.0 ADJACENT PROPERTIES

Figure 19 in Appendix A provides a 2004 aerial photograph of the Site and adjacent properties. The property is bordered by an unnamed gravel road then undeveloped land to the north, Old Callaghan Road then the SwRI to the west, undeveloped land to the south, and New Callaghan Road then undeveloped land to the east. Table 3 provides a list of adjacent properties with their directional location from the Site and zoning.

Table 3 List of Adjacent Properties			
Direction From Site	Name/Type of Property	Address	Zoning
North	Gravel road, then undeveloped land	Unknown	R5 — Residential
West	Old Callaghan Road, then undeveloped land on the SwRI property	6220 Culebra Road	R5 — Residential
South	Undeveloped land	Unknown	R5 — Residential
East	New Callaghan Road, then undeveloped land	Unknown	I1 — Industrial/Commercial

The SwRI, located approximately 1,000 feet west of the Site, is an independent, non-profit applied research and development organization specializing in the creation and transfer of technology in engineering and the physical sciences. SwRI occupies more than 1,200 acres and nearly 2 million square feet of laboratories, test facilities, workshops and offices. No information on the SwRI was available from the Texas Commission on Environmental Quality (TCEQ) San Antonio Regional office.

Appendix A provides historical aerial photographs and topographic maps and Appendix E presents an environmental database report that was used to evaluate potential environmental impacts from adjacent and surrounding properties that may have also impacted the environmental conditions at the Site. Land use at the adjacent properties does not appear to have changed significantly over the years and does not appear to have impacted the environmental conditions of the USAR Center.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state, and local government records for the Site and surrounding properties where there has been a release or likely release of any hazardous substance or petroleum product that is likely to cause or contribute to a release or threatened release of any hazardous substance or petroleum product on the federal real property. An environmental database summary was obtained from EDR on July 18, 2006. The environmental database summary consolidates standard federal, state, local, and tribal environmental record sources based on ASTM D 6008-recommended minimum search distances from the Site. A copy of the complete environmental database report is included in Appendix E.

There were no environmental permits issued for the Site. There were no known contamination events on the Site that required an environmental cleanup; therefore, the Site did not participate in the Installation Restoration Program, Military Munitions Response Program, or a Compliance Cleanup program.

The TEJV interviewed local authorities and reviewed reasonably accessible USAR environmental documents, TCEQ files, and historical aerial photographs and maps to investigate environmental conditions at the Site and surrounding area. Available information on the potential impact of environmental conditions at the Site was each assessed.

The TEJV conducted interviews with relevant personnel to discuss general environmental interest and specific areas of interest identified during the records review and visual reconnaissance. Section 9.0 of this report identifies the individuals interviewed with respect to conditions and operations at the Site and the information from those interviews is incorporated into this report.

5.1 FEDERAL ENVIRONMENTAL RECORDS

5.1.1 Federal National Priorities List Sites within One Mile

The National Priorities List (NPL) is a subset of the CERCLA Information System (CERCLIS) and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites are targeted for long-term remedial action under CERCLA. According to the environmental database report, the USAR Center is not an NPL site, and there are no such sites located within one mile of the Site.

5.1.2 Federal CERCLIS Sites within One-Half Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies, and persons, pursuant to Section 103 of CERCLA. CERCLIS contains sites that are either proposed to be or are on the NPL, and sites that are in the screening and assessment phase for possible inclusion

on the NPL. According to the environmental database report, the USAR Center is not a CERCLIS site and there are no CERCLIS sites within one-half mile of the Site.

CERCLIS No Further Remedial Action Planned (NFRAP) sites have been removed and archived from CERCLIS sites. NFRAP status indicates that, to the best of USEPA's knowledge, assessment at a site has been completed and that no further steps will be taken to list this site on the NPL, unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with the site; it means that, based on available information, the location is not judged to be a potential NPL site.

According to the environmental database report, one site — the Donaldo H. Frixione property at 5627 Culebra Avenue, Apartment 2402 — is listed as a CERCLIS NFRAP site. The Frixione property is a single apartment located within an apartment complex approximately 2,166 feet north of the USAR Center at a relatively higher elevation. The Donaldo H. Frixione property was reported as a pesticide applicator site where hazardous waste may have been treated, stored, or disposed. According to the environmental database, the site's discovery was reported in January 1985 with a preliminary assessment and archival of the site in January 1986. No information was available from the TCEQ.

According to the environmental database report, the USAR Center is not a CERCLIS NFRAP site.

5.1.3 Resource Conservation and Recovery Act Corrective Action Sites within One Mile

Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) identifies hazardous waste generators and handlers requiring RCRA corrective action activity. According to the environmental database report, the USAR Center is not a CORRACTS site, and no CORRACTS sites were identified within one mile.

5.1.4 RCRA Transport, Treatment, Storage, and/or Disposal Facilities within One-Half Mile

The RCRA Information database includes selective information on sites that generate, transport, and/or treat, store, and dispose (TSD) of hazardous waste, as defined by RCRA. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle or TSD of the waste. According to the environmental database report, the USAR Center is not a RCRA TSD site and there are no such sites within one-half mile of the USAR Center.

5.1.5 Federal RCRA Small- and Large-Quantity Generators List within One-Quarter Mile

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. RCRA small-quantity generators (SQGs) are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month, while a large-quantity generator (LQG) is defined as a facility generating more than 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste, per month. According to the environmental database report, the USAR Center is not a hazardous waste generator. No RCRA CESQGs, SQGs, or LQGs are within one-quarter mile of the Site.

5.1.6 Federal Emergency Response Notification System List

The Emergency Response Notification System (ERNS) is used to record and store information on reported releases of oil and hazardous substances. According to the environmental database report, the USAR Center is not listed on the ERNS List.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented below was obtained from the regulatory database search report. Supplemental information was provided from database searches via the TCEQ Web site.

5.2.1 State-Permitted Landfills or Solid Waste Disposal Sites within One-Half Mile

Solid Waste Facilities/Landfill Sites 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. There are no solid waste facilities/landfill sites on the Site or located within one-half mile.

5.2.2 State-Registered Leaking Petroleum Storage Tank Sites within One-Half Mile

The TCEQ maintains the Leaking Petroleum Storage Tank (LPST) database. According to the environmental database, the Site is not reported as an LPST and there are no LPSTs located within one-half mile of the Site.

5.2.3 State-Registered Underground Storage Tank Sites within One-Quarter Mile

USTs are regulated under RCRA Subtitle I and must be registered with the state department responsible for administering the UST program. The UST associated with the OWS at the USAR Center is a tank registered with the TCEQ. According to the

database information, the facility identification number is 69244, the owner identification number is 49607, the tank capacity is 1,436 gallons, the installation date is August 31, 1987, and the tank registration date is January 27, 1997. The environmental database report did not identify any other registered USTs within one-quarter mile of the Site.

5.2.4 State Spills Incidents

According to the EDR report, the USAR Center is not listed on the TCEQ petroleum spill list.

5.2.5 Voluntary Action Program Sites within One-Half Mile

The Texas Voluntary Cleanup Program (VCP) was established to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. The TCEQ and the Texas Railroad Commission maintain databases. The Texas Railroad Commission's VCP database includes sites for which incentives have been offered by the state for remediating oil- and gas-related pollutants 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. According to the environmental database report, there are no VCP sites located within one-half mile of the Site. The USAR Center is not a VCP site.

5.2.6 State Brownfields Program Sites within One-Half Mile

Included in the listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties targeted by Targeted Brownfields Assessments (TBA). The TBA program is designed to assist states, tribes, and municipalities in minimizing the uncertainties of contamination often associated with brownfields. Under the TBA program, USEPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. TBAs supplement and work with other efforts under USEPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. The TCEQ maintains a Brownfields Site Assessment database. According to the environmental database report, there are no brownfields sites located within one-half mile of the Site. The USAR Center is not a brownfields site.

5.2.7 State-Registered Sites with Engineering Controls within One-Half Mile

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. According to the environmental database report, there are no state-registered sites requiring engineering land use controls within one-half mile of the Site. The USAR Center does not require engineering land use controls.

5.2.8 State-Registered Sites with Institutional Controls within One-Half Mile

Institutional controls include administrative procedures, 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. According to the environmental database report, there are no state-registered sites with institutional controls within one-half mile of the Site. The USAR Center does not require institutional controls.

5.2.9 State-Registered Dry-Cleaning Facilities within One-Quarter Mile

According to the environmental database report, there are no state-registered dry-cleaning facilities within one-quarter mile of the Site. There are no dry-cleaning facilities at the Site.

5.2.10 Industrial and Hazardous Waste Database

The TCEQ maintains an Industrial and Hazardous Waste Database, which is developed from summary reports reported by waste handlers, generators, and shippers in Texas. According to the environmental database report, the USAR Center is not listed on the Industrial and Hazardous Waste Database.

5.2.11 Commercial Hazardous and Solid Waste Management Facilities Listing

The TCEQ maintains a Commercial Hazardous and Solid Waste Management Facilities Listing that includes commercial recycling facilities and facilities permitted or authorized (interim status) by the TCEQ as commercial recycling facilities. According to the environmental database report, the USAR Center is not listed on the Commercial Hazardous and Solid Waste Management Facilities Listing.

5.2.12 Innocent Owner/Operator Program

The TCEQ maintains the Innocent Owner/Operator Program (IOP) database, which 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. According to the environmental database report, the USAR Center is not in the IOP database.

5.2.13 State Superfund Sites within One Mile

The TCEQ maintains a State Superfund Registry database which includes listed and de-listed state Superfund sites. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using status funds are identified along with sites where cleanup will be paid for by potentially responsible parties. According

to the environmental database report, there are no listed or de-listed State Superfund sites located within one mile of the Site, nor is the Site a State Superfund site.

5.2.14 Current Emission Inventory Database

The TCEQ maintains the Current Emission Inventory Database that lists, by company, actual emissions and TCEQ air accounts that emit USEPA criteria pollutants. According to the environmental database report, the USAR Center is not in the Current Emission Inventory Database.

5.2.15 Notice of Violations Listing

The TCEQ maintains a Notice of Violations Listing for permit violations. According to the environmental database report, the USAR Center is not in the Notice of Violations Listing.

5.2.16 Edwards Aquifer Permits

The TCEQ maintains a listing of permits in the Edwards Aquifer Protection Program Database. The Edwards Aquifer is a unique aquifer which encompasses multiple counties within Texas. The Site does not have any Edwards Aquifer zone permits.

5.2.17 Environmental Liens Listing

The state maintains an Environmental Liens Listing, which includes liens the TCEQ placed against either State Superfund sites or Federal Superfund sites to recover costs incurred by TCEQ. According to the environmental database report, the USAR Center is not in the Environmental Liens Listing.

5.2.18 Manufactured Gas Plant Sites within One Mile

EDR maintains a proprietary Manufactured Gas Plants database. The database includes records of coal gas plants (manufactured gas plants) compiled by EDR. Manufactured gas sites were used in the U.S. from the 1800s to 1950s 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), sludge, 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. According to EDR, there are no manufactured gas plants located within one mile of the Site or on the Site.

5.2.19 Historical Auto Stations and Dry Cleaners

EDR maintains proprietary databases of historical auto stations and dry cleaners, which were compiled from selected national collections of business directories. Historic auto stations include gas, gas station, filling station, auto, automobile repair, auto service station, and service station businesses; whereas historical dry cleaners include dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, and wash and dry businesses. According to the environmental database report, the USAR Center site is not in either of these databases.

5.3 TRIBAL ENVIRONMENTAL RECORDS

According to the environmental database report, no designated Indian Reservations are located within one mile of the Site.

5.4 UNMAPPED SITES

The environmental database search yielded 29 unmapped sites. Unmapped sites are those with address information sufficient only to identify them as within the zip code of the target Site. Every effort was made to locate these sites and assess their relevance to this ECP report. Further research was conducted using maps of the site and surrounding area. None of the unmapped sites were estimated to be within the corresponding ASTM D 6008-recommended minimum search distance for the databases on which they are listed.

5.5 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO SITE

To summarize Subsections 5.1 through 5.4, one facility was evaluated as a potential risk property to the Site. The Donaldo H. Frixione property was listed on the CERCLIS NFRAP site. The property, which is an apartment within an apartment complex, is located approximately 2,166 feet north of the Site at a relatively higher elevation than the Site. The property was a pesticide applicator site where hazardous waste may have been treated, stored, or disposed. According to the environmental database report, a discovery was reported in January 1985 with a preliminary assessment and archival of the site in January 1986. No information was available from the TCEQ.

Based on an evaluation of available site information and details concerning the property discussed in the preceding paragraph, this facility is considered to represent a low risk to the Site. No "High Risk" sites were identified. "High Risk" properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at the Site.

6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS

Findings documented in the following subsections are based on the August 15, 2006, Site and area reconnaissance, a review of available Site records, and information obtained from USAR personnel.

6.1 USTs AND ASTs

The TCEQ database lists one 1,436-gallon UST on the Site associated with the OWS. The *Oil/Water Separator Evaluation* (EnSafe, 2000) report states the OWS consists of a combination of an older OWS system installed before 1985 and an aboveground RGF recycling system installed in 1995. In 2003, the USAR had the RGF recycling system replaced with a Facet (Model MCS 122) Oil-Water Recycling System. Additionally, modifications were made to the VWR, and the OWS building was constructed over the water recycling system. USAR personnel stated that, under the current configuration, water is pumped to an aboveground recycling system, which includes a 56-gallon oil collection/holding tank, and effluent water is discharged to the sanitary sewer system.

A notice to proceed and attached scope of work for repair of the wash rack systems (Department of the Army, 2004) indicates a contract was issued to Rayco Construction, Inc. to remove the OWS and oil storage tank. However, no report was available for review concerning removal of a UST from the Site and USAR personnel were uncertain if the 1,436-gallon UST has been removed. There have been no reported releases on the Site from USTs or ASTs associated with the OWS system.

6.2 INVENTORY OF CHEMICALS/HAZARDOUS SUBSTANCES

Two pre-fabricated steel hazardous materials storage lockers (with containment flooring) are located north of the OMS in the MEP area and are primarily used for the storage of POL and solvents (e.g., oil, grease, skysol). During the Site reconnaissance, a spill of a petroleum substance was observed on the north side of one of the storage lockers. An approximately 3-foot by 6-foot area of oil-stained soil and concrete, and stressed vegetation was located between the north side of the storage locker and the perimeter fence.

Flammable materials storage lockers for hazardous substances including paint, brake fluid, antifreeze, skysol, paint thinner, and miscellaneous POL were observed in the OMS. No spills or staining were observed in the area surrounding the flammable materials storage lockers. Consumer-sized containers of cleaning products (e.g., disinfectants, detergents, etc.) are stored in the janitorial closets in the Administrative/Training Building and the OMS.

6.3 WASTE DISPOSAL SITES

There were no waste disposal activities observed on the Site during the Site reconnaissance and no available records indicating past waste disposal activities at this facility. All solid waste generated at the USAR Center is accumulated in a Dumpster on the south side of the Site, and disposed of by Waste Management, Inc.

6.4 PITS, SUMPS, DRY WELLS, AND CATCH BASINS

One sump observed in the mechanical room in the Administrative/Training Building appeared to collect condensate from the facility HVAC system. Three floor drains were also observed in the mechanical room. One floor drain was observed in each of the two Administrative/Training Building bathrooms. USAR personnel stated all floor drains were connected to the sanitary sewer system.

6.5 ASBESTOS-CONTAINING MATERIAL

An ACM re-inspection was conducted by the 90th RRC in August 1998. Table 2 in Section 3.5.7 shows the condition of the previously identified ACM noted during the 1998 re-inspection. Although no additional sampling was conducted during the re-inspection, vibration dampening cloths not previously identified were noted in the assembly hall of the Administrative/Training Building.

6.6 PCB-CONTAINING EQUIPMENT

According to the PCB assessment report (USACHPPM, 1997), the three PMTs on the Site are owned by City Public Service, were manufactured by Central Malone or General Electric on an unknown date, and the PCB status of dielectric fluid in the PMTs was unknown. Additionally, some of the fluorescent lights at the Site had PCB-containing ballasts. A PMT on the Site was damaged during a 2005 storm, resulting in the release of dielectric fluid of unknown PCB content. According to USAR personnel, the spill occurred over a weekend and was cleaned up by the local utility company after being identified by personnel arriving at the Site the following Monday morning.

During the Site reconnaissance, the three PMTs near the southwest corner of the Administrative/Training Building appeared to be in good condition and no stains or leaks were observed in the area.

6.7 LEAD

A LBP Survey was conducted at the USAR Center by the 90th RRC in November 2001. The survey report identified the presence of LBP in the OMS on the off-white metal support beam, yellow safety paint, and beige and yellow exterior overhead doorframes. LBP was found in the Administrative/Training Building interior on the green metal stair and rail and on the exterior silver flagpole, yellow and beige doorframes, and black metal rail. During the August 15, 2006, Site reconnaissance, the paint in the OMS was observed to be in

poor, flaking condition. Paint in other areas previously identified as LBP was in good condition.

A USAR memorandum dated April 18, 1996, indicated that the IFR at the USAR Center was assessed and wipe samples were collected for residual lead analysis. The memorandum indicated that "the results from the laboratory and evaluation of all available material reviewed during the site visit indicate no potential for health threat exists" and the area was released for alternative use.

6.8 RADON

Bexar County is in the USEPA Radon Zone 3, which has an indoor average radon level of less than 2 pCi/L. Sixty-one sites were tested in Bexar County. The results averaged 1.1 pCi/L, with a maximum concentration of 6.7 pCi/L. Radon information was obtained from the National Radon Database, which was developed by the USEPA and is a compilation of the USEPA/State Residential Radon Survey and the National Residential Radon Survey conducted from 1986 to 1992.

A radon survey was conducted at the USAR Center by the 90th RRC in August 1998. Laboratory data indicated that the indoor radon levels measured on the lowest 'living' space ranged in concentration up to 2.1 pCi/L, below the USEPA-recommended action level of 4.0 pCi/L.

6.9 UNEXPLODED ORDNANCE

No indications were found during the Site reconnaissance or records review process to indicate the presence of munitions and explosives of concern at the Site.

6.10 RADIOLOGICAL MATERIALS

No indications were found during the Site reconnaissance or records review process to indicate the past storage or use of radiological commodities at the Site.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

Figure 19 in Appendix A provides a 2004 aerial photograph of the USAR Center and surrounding properties. According to the City of San Antonio's Office of Planning and Development Web site, the Site is zone I1, Industrial, and is surrounded by industrial/commercial and residentially zoned areas.

7.2 COASTAL ZONE MANAGEMENT

The Texas Coastal Management Plan is administered by the Texas General Land Office. The Texas coastal zone extends southwest along the coast from the Sabine River to the Rio Grande River, seaward into the Gulf of Mexico for a distance of 10.35 miles, and inland to include 36 counties. The coastal zone includes all counties bordering the Gulf of Mexico and extends approximately 40 miles inland. It includes all estuaries and tidally influenced streams and bounding wetlands. The USAR Center is approximately 130 miles inland from the Gulf of Mexico, and Bexar County is not included in the Texas Coastal Management Plan.

7.3 WETLANDS

The Site is upland and well drained. A search for wetland information was conducted online from the U.S. Fish and Wildlife Service Web site. No digital data was available for the Site. Wetland information was also requested at the USDA office, but none was available. Additionally, no wetlands information was available in the environmental database report.

7.4 100-YEAR FLOODPLAIN

FEMA Flood Hazard Area map (Figure 20 in Appendix A) information obtained online from the FEMA Web site indicates that the Site lies outside the 100-year floodplain but within the 500-year floodplain.

7.5 NATURAL RESOURCES

No survey has been conducted at the Site for threatened and endangered species. The Texas Parks and Wildlife Department Web Site has an annotated county list of rare species (see Appendix D), which indicates the following number of threatened or endangered species in Bexar County: 3 amphibians, 6 arachnids, 11 birds, 1 crustacean, 3 fishes, 5 insects, 6 mammals, 8 mollusks, 6 reptiles, and 7 plants. Due to the developed nature of the Site, threatened and endangered species are unlikely to occur, except for potential incidental use by migrants.

7.6 CULTURAL RESOURCES

As described in Section 3.5.8, a cultural resource assessment was performed for the Site. The conclusion was that there were no architectural or archaeological issues at the Site. The Site has a “low” archaeological potential and is not eligible for the National Register of Historical Places.

7.7 OTHER SPECIAL RESOURCES

There are no other known resources that could affect the Site.

8.0 CONCLUSIONS

The TEJV, under contract to the USACE Louisville District, has prepared this ECP Report for the Callaghan Road USAR Center (Facility ID TX064), located at 600 Callaghan Road in San Antonio, Bexar County, Texas. The USAR Center encompasses 5.0 acres of land with three permanent structures: an 18,053-square-foot Administrative/Training Building, a 3,803-square-foot OMS, and an approximately 900-square-foot OWS building. The Site is currently occupied by four units: 277th Engineer Company, "B" Company 980th, 425th Detachment, and 377th Detachment.

Findings of this ECP are based on existing environmental information, including visual observations, Site records, and federal, state, and local database and file information, related to the storage, release, treatment, or disposal of hazardous substances or petroleum products or derivatives on the Site. The following present the findings related to areas evaluated during the ECP process.

- **Hazardous Substances.** Chemicals containing CERCLA hazardous substances would have historically been used and stored at the Site in amounts necessary to support unit-level vehicle and building maintenance activities. However, the quantities stored for one year or more would not have exceeded 1,000 kg or the RQ of designated hazardous substances, or one kg of acutely hazardous waste. There is no evidence that the hazardous substances used or stored were ever improperly handled, released, or disposed at the Site.
- **USTs/ASTs.** The TCEQ database lists one 1,436-gallon UST on the Site associated with the OWS. A 2004 notice to proceed and attached scope of work for repair of the wash rack systems (Department of the Army, 2004) indicates a contract was issued for Rayco Construction, Inc. to remove the OWS and oil storage tank. However, no report was available for review concerning removal of a UST from the Site and USAR personnel were uncertain if the 1,436-gallon UST had been removed. There have been no reported releases on the Site from USTs or ASTs associated with the OWS system.
- **Non-UST/AST Petroleum Storage.** Petroleum storage primarily occurs in the hazardous materials storage lockers located north of the OMS. Small quantities (less than 5 gallons) are maintained in flammable materials storage lockers within the OMS. No documentation was available for review that would indicate that non-UST/AST petroleum products in excess of 55 gallons were stored for one year or more on the Site, or that petroleum products were disposed of at this Site.

A release, assumed to be from POL, was observed during the Site reconnaissance on the north side of one of the hazardous materials storage lockers located north of the OMS. The stained area, approximately 3 feet wide by 6 feet long, was located between the perimeter fence and the storage locker. The release appeared to be

recent, with stained soil and stressed vegetation observed in the area (Photographs 20 and 21 in Appendix B).

- **PCBs.** A survey of potential PCB-containing containing equipment was conducted in 1997 as part of a PCB assessment (USACHPPM). Three PMTs on the Site were identified as owned by City Public Service, manufactured by Central Malone or General Electric on an unknown date and with an unknown PCB content. Additionally, some of the fluorescent lights at the Site likely have PCB-containing ballasts. During the Site reconnaissance, the three PMTs near the southwest corner of the Administrative/Training Building appeared in good condition and no stains or leaks were observed in the area.

A PMT on the Site was damaged during a 2005 storm, resulting in the release of dielectric fluid of unknown PCB content. According to USAR personnel, the spill occurred over a weekend and was cleaned up by the local utility company after being identified by personnel arriving at the Site the following Monday morning.

- **Asbestos.** The 90th RRC conducted an asbestos-containing building material re-inspection of the USAR Center in August 1998. The original asbestos survey report was not available for review. According to the re-inspection report, some of the ACM identified in the original survey had been removed or was in good condition, while other materials were found to be in damaged condition. Additionally, vibration damping cloth on the air handling units in the assembly hall in the Administrative/Training Building was considered presumed ACM in the 1998 re-inspection.
- **LBP.** The 90th RRC conducted a LBP survey of the USAR Center on November 27, 2001. LBP was found in the OMS on the off-white metal support beam, yellow safety paint, and beige and yellow exterior overhead doorframes. LBP was found in the Administrative/Training Building interior on the green metal stair and rail and on the exterior on the silver flagpole, yellow and beige doorframes, and black metal rail. During the August 2006 Site reconnaissance, the lead-containing paint on the metal support beams in the OMS was deteriorated and flaking. Paint in other areas previously identified as LBP was in good condition.
- **IFR.** A USAR memorandum dated April 18, 1996, indicated that the IFR at the USAR Center was assessed and wipe samples were collected for residual lead analysis. The memorandum indicated that “the results from the laboratory and evaluation of all available material reviewed during the site visit indicate no potential for health threat exists” and the area was released for alternative use.
- **Radiological Materials.** No radiological materials were identified during the Site reconnaissance. There is no evidence of any release of radiological materials at the Site.

- **Radon.** A Radon Survey was conducted at the USAR Center by the 90th RRC in August 1998. Laboratory data indicated that the indoor radon levels ranged up to 2.1 pCi/L, below the USEPA-recommended action level of 4.0 pCi/L.
- **Munitions and Explosives.** No evidence was found during the Site reconnaissance or records review process of the past presence of munitions and explosives of concern at the Site.
- **Surrounding Properties.** Potential environmental sites of concern, located within corresponding ASTM D 6008-recommended minimum search distances from the Site were evaluated. Land use at the adjacent properties does not appear to have changed significantly over the years and does not appear to have impacted the environmental conditions of the USAR Center.

Areas of potential environmental concern were reviewed and the TEJV found the following significant concerns relating to the environmental condition of property. Stained soil and stressed vegetation were observed adjacent to a hazardous materials storage locker located north of the OMS. The stained area, approximately 3 feet wide by 6 feet long, located between the perimeter fence and the storage locker appeared to be petroleum-based. Also, a PMT on the Site was damaged during a 2005 storm, resulting in the release of dielectric fluid with an unknown PCB content. According to USAR personnel, the spill occurred over a weekend and was cleaned up by the local utility company the following Monday morning.

In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

9.0 REFERENCES

PERSONS CONTACTED

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- Randall Lacey, Unit Administrator, Callaghan Road USAR Center, (210) 433-9371. Meeting on August 15, 2006.
- Eulalio Lopez — Maintenance Supervisor, 90th RRC, Callaghan Road USAR Center, (210) 433-9371. Meeting on August 15, 2006.
- Chief Warrant Officer 3 Bradford Meneely, Supervisor, Callaghan Road USAR Center, (210) 433-9371. Meeting on August 15, 2006.
- Geraldo Morales, Unit Administrator, 90th RRC, Callaghan Road USAR Center, (210) 433-9371. Meeting on August 15, 2006.

RESOURCES CONSULTED

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- NETR-Real Estate Research & Information, 2055 East Rio Salado Parkway, Tempe, Arizona, 85281. *Historical Chain-of-Title Report*. Project No. N06-4895. August 5, 2006.
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- U.S. Army Center for Health Promotion and Preventive Medicine. *Polychlorinated Biphenyls (PCB) Assessment No. 37-08-5615-97* (for 90th Regional Support Command). September 30, 1997.

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<http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>.

AGENCIES CONTACTED

- City Public Services, <http://www.cpsenergy.com/>, (210) 353-2222.
- Texas Commission on Environmental Quality

Appendix A
Figures

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Figure 17	1986 Aerial Photograph
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Figure 19	2004 Aerial Photograph
Figure 20	FEMA Flood Plain Map

Appendix B
Site Reconnaissance Photographs

Appendix C
Chain-of-Title Report

Appendix D
Previous Environmental Reports

PREVIOUS ENVIRONMENTAL REPORTS

1. Department of the Army, 90th Regional Support Command, Environmental Section. *Asbestos Building Re-inspection, Callaghan Road USAR Center, San Antonio, Texas.* August 1998.
2. Department of the Army, 90th Regional Support Command, Environmental Section. *Lead-Based Paint Survey, Cleto Rodriguez USAR Center, San Antonio, Texas.* November 2001.
3. Department of the Army, 90th Regional Support Command, Environmental Section. *Radon Building Survey, Callaghan Road USAR Center, San Antonio, Texas.* August 1998.
4. Department of the Army, 90th Regional Support Command. *Memo with Formal Release of Indoor Firing Range for Reoccupancy and Alternate Use.* April 18, 1996.
5. Department of the Army, Little Rock District, Corps of Engineers. *Contract No. DACA03-00-D-0018, Task Order 0110. Repair Wash Rack Systems, Callaghan Road USARC, San Antonio, Texas.* December 15, 2004.
6. Engineering, Compliance & Construction, Inc. *Environmental Baseline Survey.* November 2004.
7. EnSafe Inc. *Oil/Water Separator Evaluation.* May 5, 2000.
8. Parsons Engineering Science, Inc. *Archaeological Assessment and Reconnaissance of 90th Regional Support Command Facilities in Texas.* February 1998. (pertinent pages only)
9. Parsons Engineering Science, Inc. *Historic Architectural Resources Assessment of the 90th Regional Support Command Facilities in Arkansas.* February 1998. (pertinent pages only)
10. Parsons Engineering Science, Inc. *Management Summary, Cultural Resources Assessment of 90th Regional Support Command, Facilities in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.* February 1998.
11. Texas Parks and Wildlife Department, Annotated County lists of Rare Species. Obtained from the Web site <http://gis.tpwd.state.tx.us/TpwEndangeredSpecies/>.
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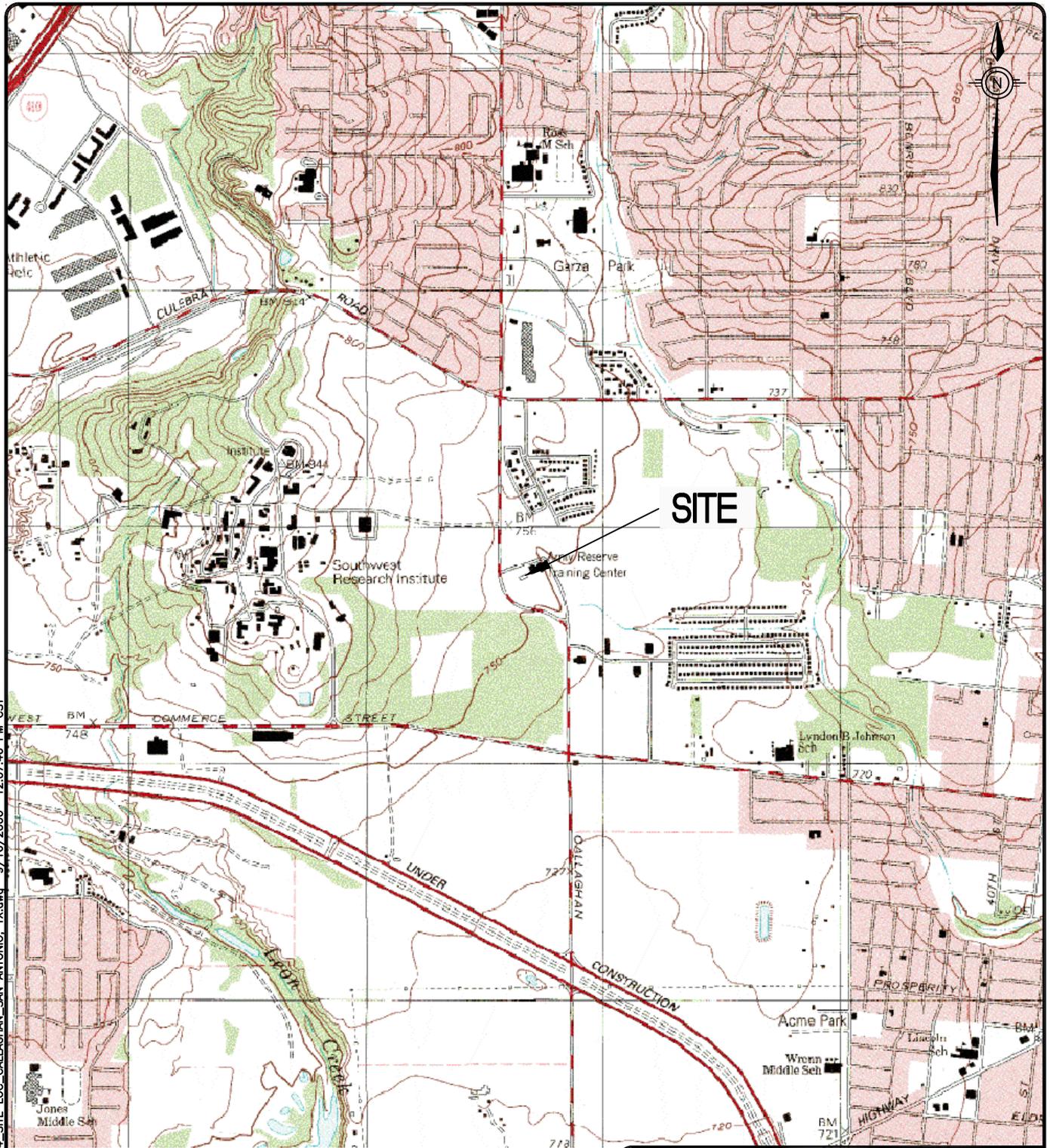
Appendix E
Regulatory Database Search Reports

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Figure 7	1918 Topographic Map
Figure 8	1942 Topographic Map
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Figure 14	1959 Aerial Photograph
Figure 15	1966 Aerial Photograph
Figure 16	1977 Aerial Photograph
Figure 17	1986 Aerial Photograph
Figure 18	1992 Aerial Photograph
Figure 19	2004 Aerial Photograph
Figure 20	FEMA Flood Plain Map

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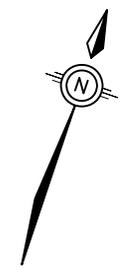
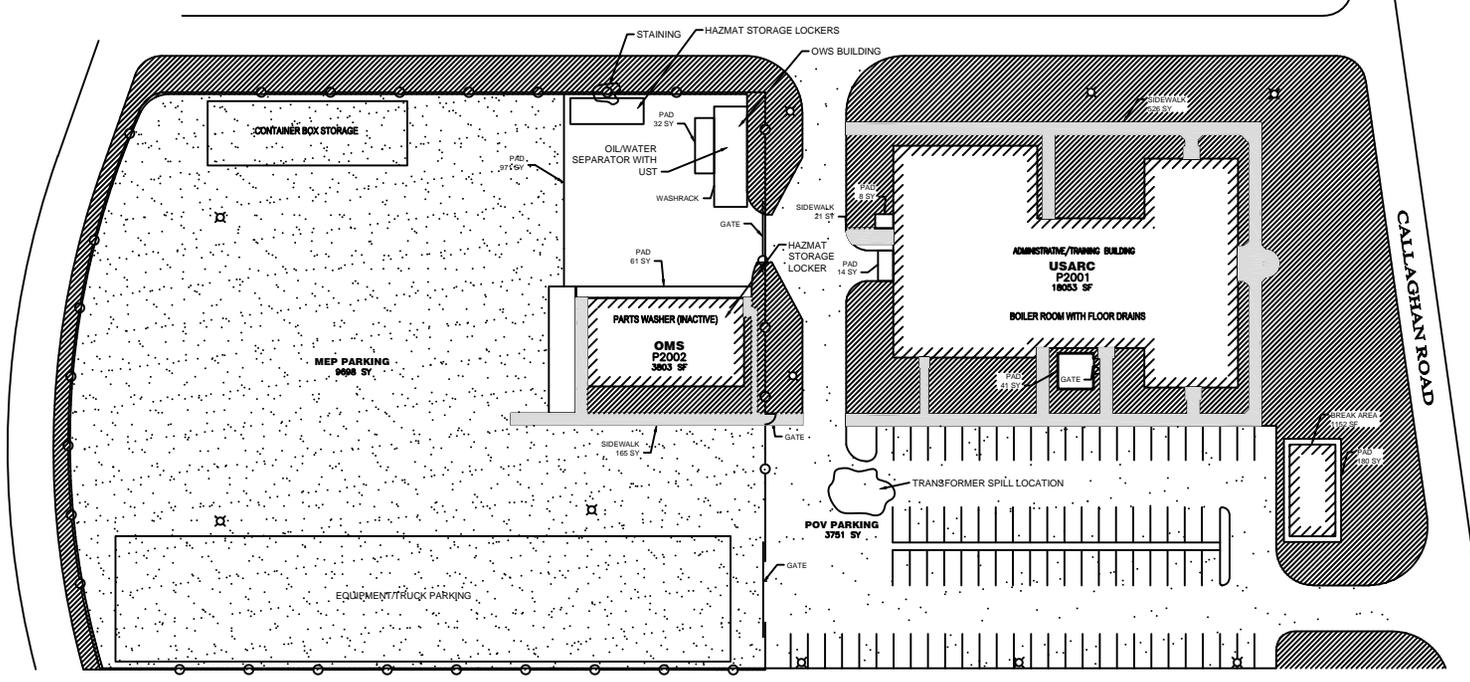


FIGURE 1
GENERAL SITE LOCATION MAP
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 SAN ANTONIO WEST, TEXAS 1993

REQUESTED BY: R.SMITH
 DRAWN BY: BRONSON
 DWG DATE: 09/06/06
 DWG NO: 802978B132



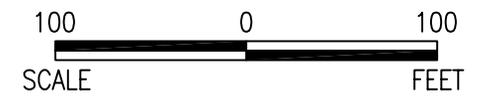


LEGEND

SYMBOL	DESCRIPTION	CAT. CODE
	MEP PARKING	85210
	MEP PARKING (UNPAVED)	85211
	POV PARKING	85215
	GRASS	-
	SIDEWALK	85220
	FENCELINE	87210
	FLAG POLE	69010
	EXTERIOR LIGHTING	81230

TOTALS

FENCING:	1287 LF
GATES:	100 LF
SIDEWALKS:	712 SY
EXT LIGHTING:	10
ROADS:	849 SY
POV PARKING:	3751 SY
POV UNPAVED:	N/A
MEP PARKING:	9698 SY
MEP UNPAVED:	N/A
GRASS:	5873 SY

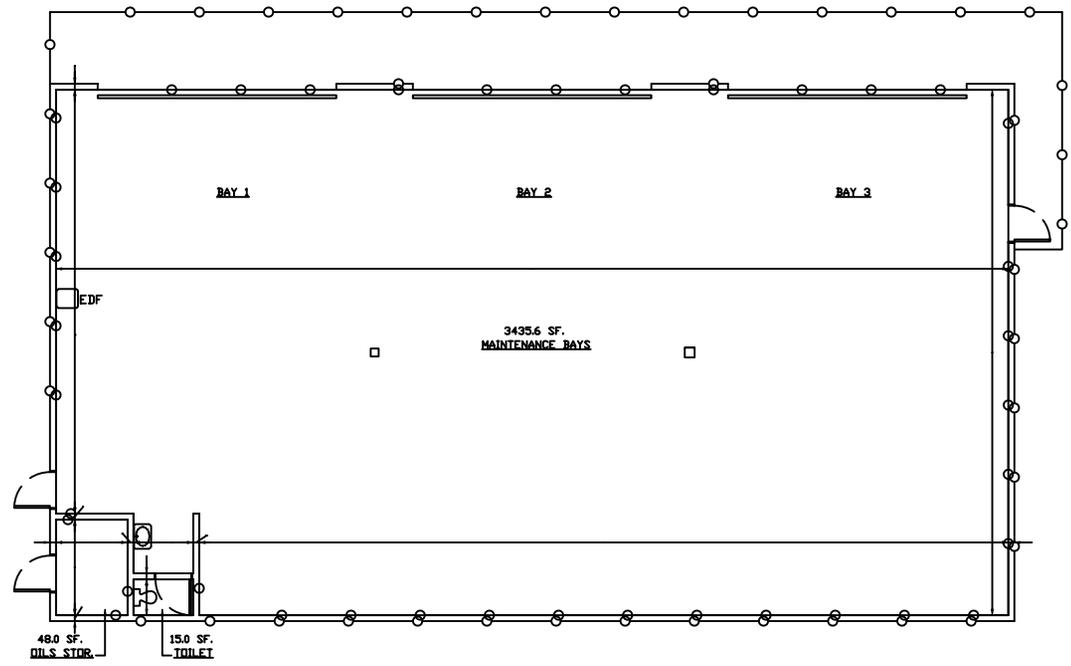


SOURCE:
MORSE CADD & SERVICES
(AUGUST 22, 2001)

FIGURE 2
SITE LAYOUT PLAN
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY: R.SMITH
DRAWN BY: BRONSON
DWG DATE: 09/16/06
DWG NO: 802978B133





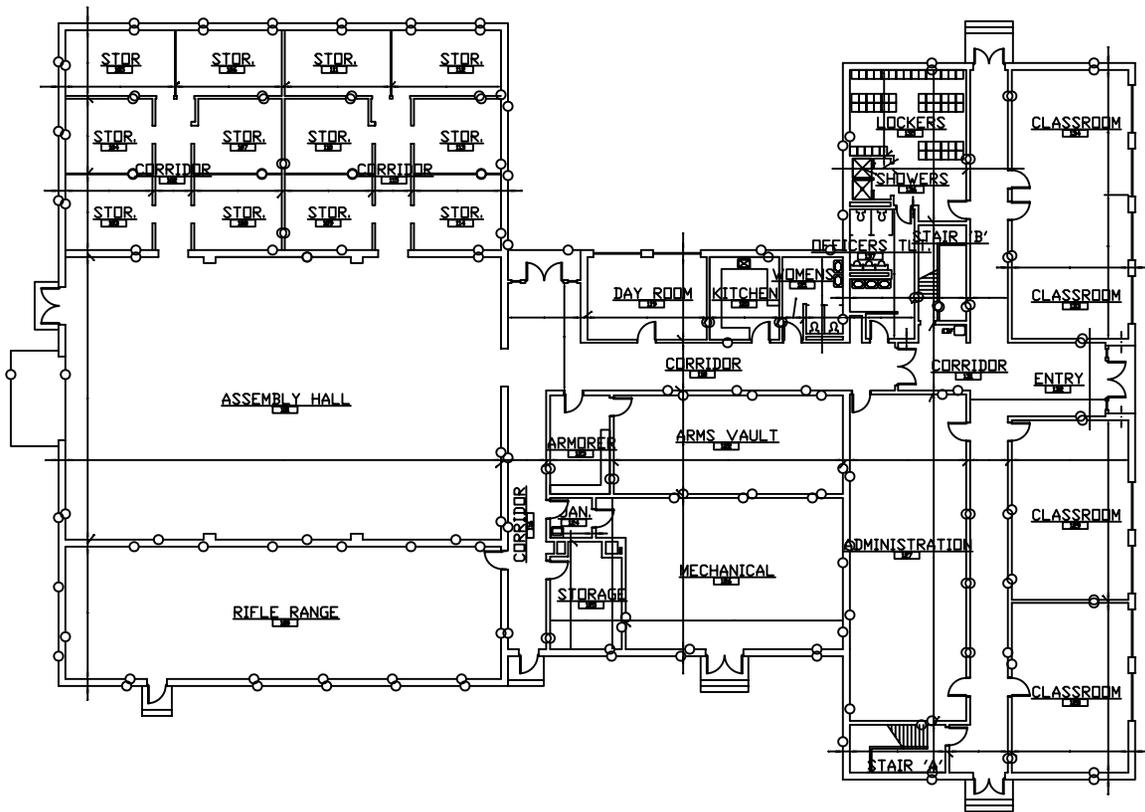
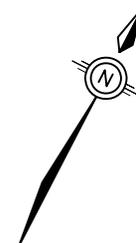
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SOURCE:
90TH REGIONAL READINESS COMMAND
(AUGUST 22, 2001)

FIGURE 3
ORGANIZATIONAL MAINTENANCE SHOP FLOOR PLAN
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY:	R.SMITH
DRAWN BY:	BRONSON
DWG DATE:	09/06/06
DWG NO:	802978B134





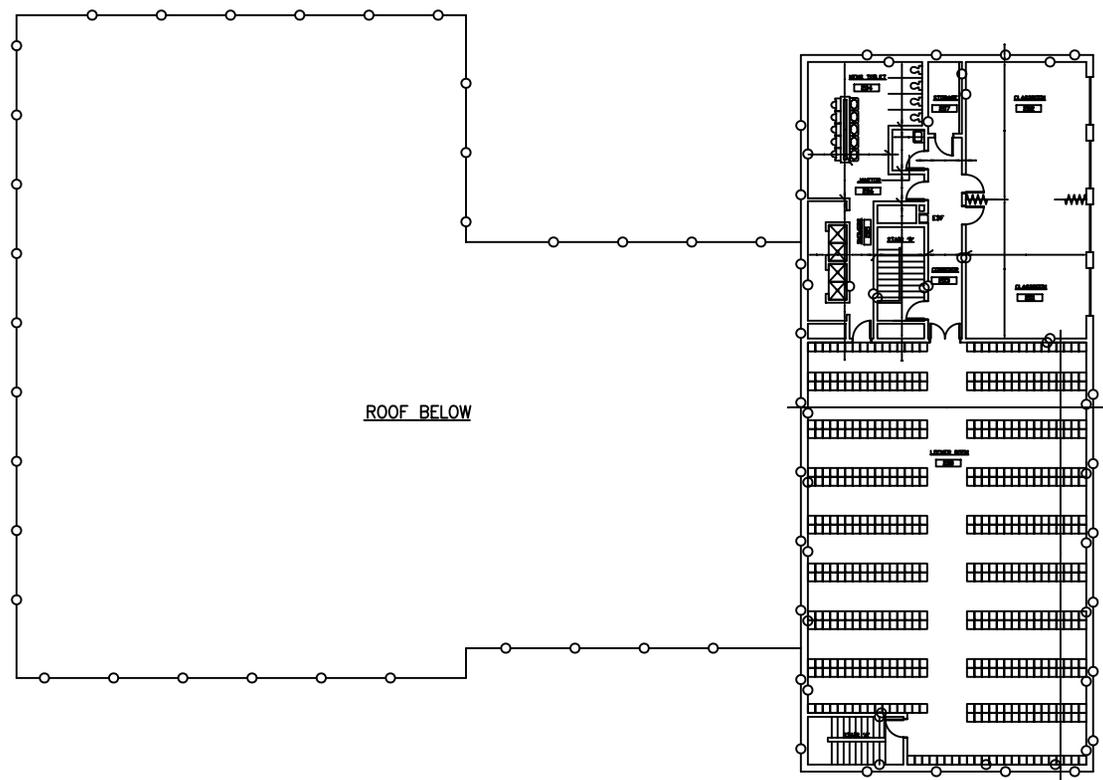
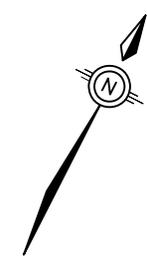
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SOURCE:
90TH REGIONAL READINESS COMMAND
(AUGUST 21, 2001)

FIGURE 4
ADMINISTRATIVE/TRAINING BUILDING FIRST FLOOR PLAN
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY:	R.SMITH
DRAWN BY:	BRONSON
DWG DATE:	09/06/06
DWG NO:	802978B136





SCALE: 1/32" = 1'

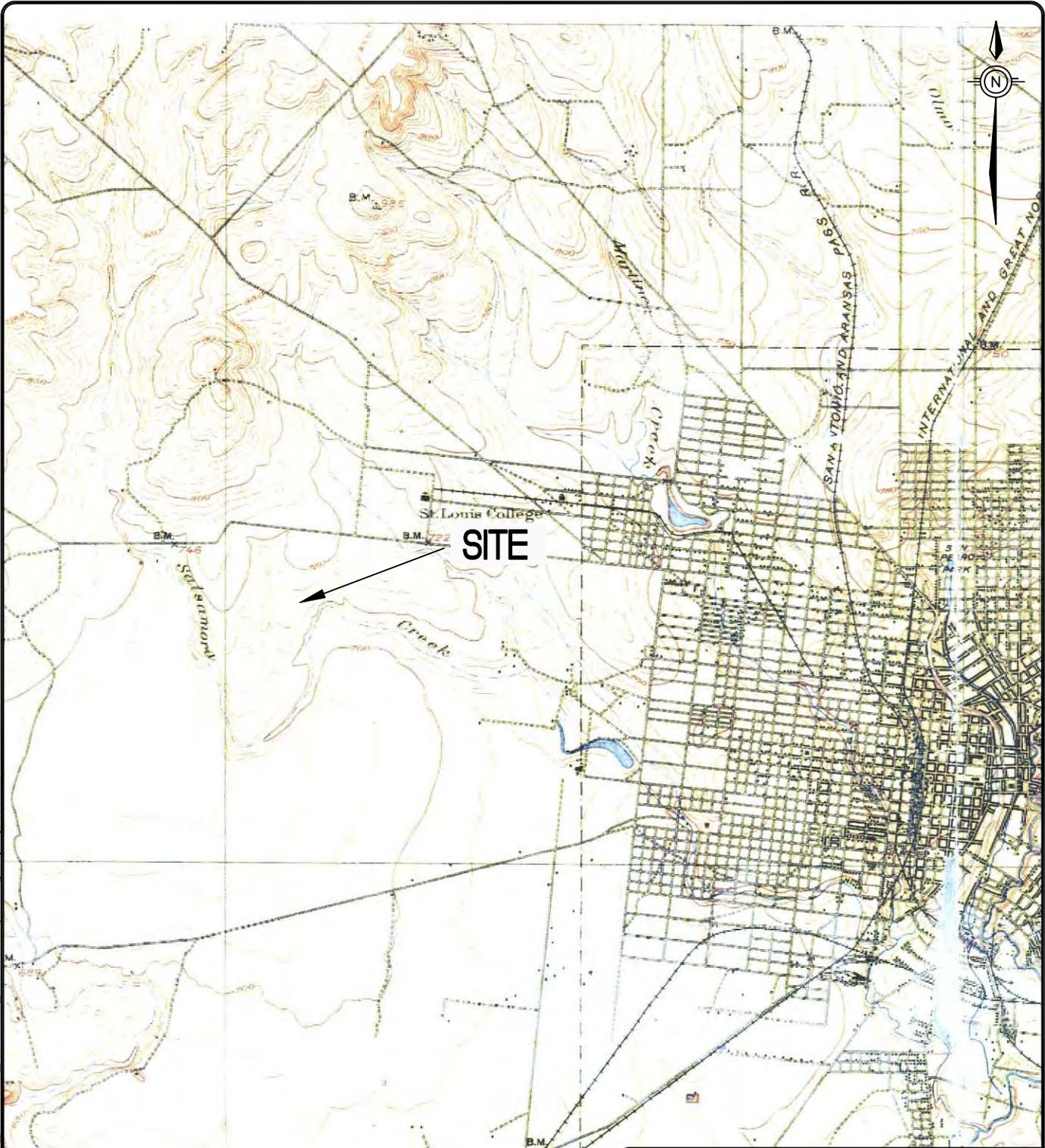
SOURCE:
90TH REGIONAL READINESS COMMAND
(AUGUST 22, 2001)

FIGURE 5
ADMINISTRATIVE/TRAINING BUILDING SECOND FLOOR PLAN
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY:	R.SMITH
DRAWN BY:	BRONSON
DWG DATE:	09/06/06
DWG NO:	802978B135



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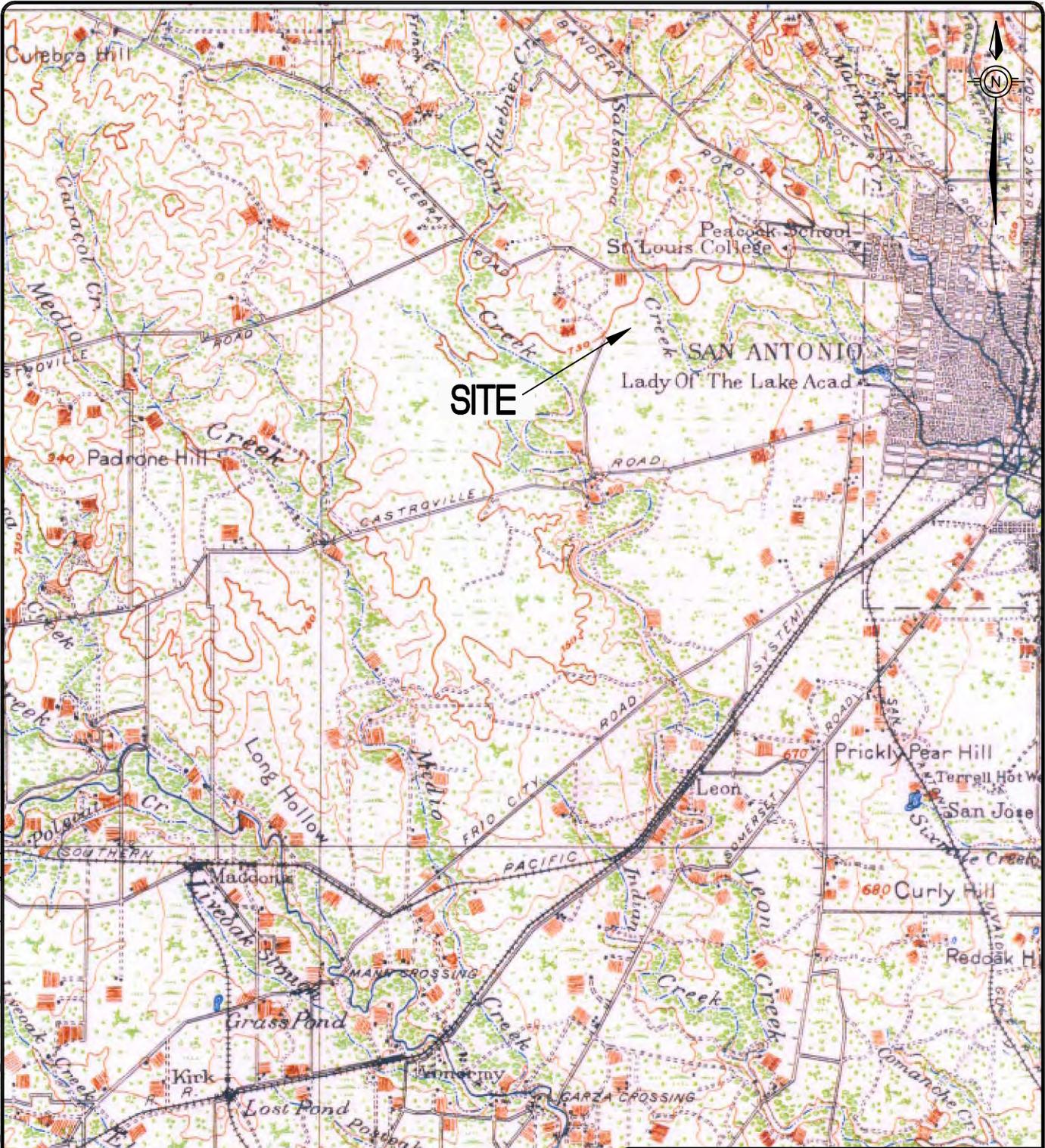
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FIGURE 6
 1904 TOPOGRAPHIC MAP
 ENVIRONMENTAL CONDITION OF PROPERTY
 CALLAGHAN ROAD USAR CENTER
 SAN ANTONIO, TEXAS

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 SAN ANTONIO, TEXAS

REQUESTED BY: R.SMITH
 DRAWN BY: BRONSON
 DWG DATE: 09/07/06
 DWG NO: 802978B139





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SCALE: 1:125,000

<p>FIGURE 7 1918 TOPOGRAPHIC MAP ENVIRONMENTAL CONDITION OF PROPERTY CALLAGHAN ROAD USAR CENTER SAN ANTONIO, TEXAS</p>	
<p>REQUESTED BY: R.SMITH</p>	
<p>DRAWN BY: BRONSON</p>	
<p>DWG DATE: 09/07/06</p>	
<p>DWG NO: 802978B138</p>	

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 LYTLE, TEXAS



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SCALE: 1:62,500

<p>FIGURE 8 1942 TOPOGRAPHIC MAP ENVIRONMENTAL CONDITION OF PROPERTY CALLAGHAN ROAD USAR CENTER SAN ANTONIO, TEXAS</p>	
<p>REQUESTED BY: R.SMITH</p>	
<p>DRAWN BY: BRONSON</p>	
<p>DWG DATE: 09/16/06</p>	
<p>DWG NO: 802978B137</p>	

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 SAN ANTONIO WEST, TEXAS

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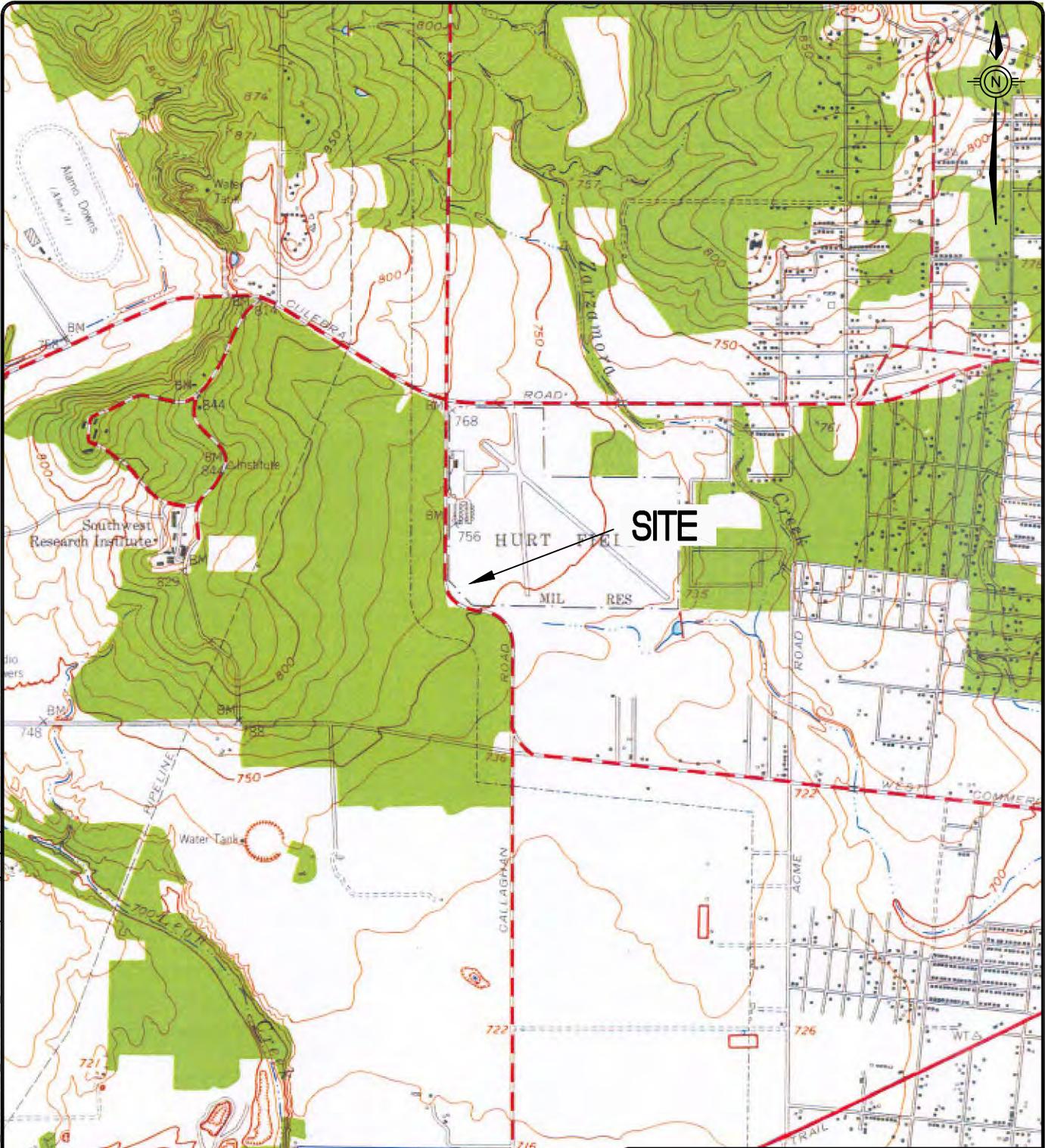


FIGURE 9
 1953 TOPOGRAPHIC MAP
 ENVIRONMENTAL CONDITION OF PROPERTY
 CALLAGHAN ROAD USAR CENTER
 SAN ANTONIO, TEXAS

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 SAN ANTONIO WEST, TEXAS

REQUESTED BY: R.SMITH
 DRAWN BY: BRONSON
 DWG DATE: 09/16/06
 DWG NO: 802978B143



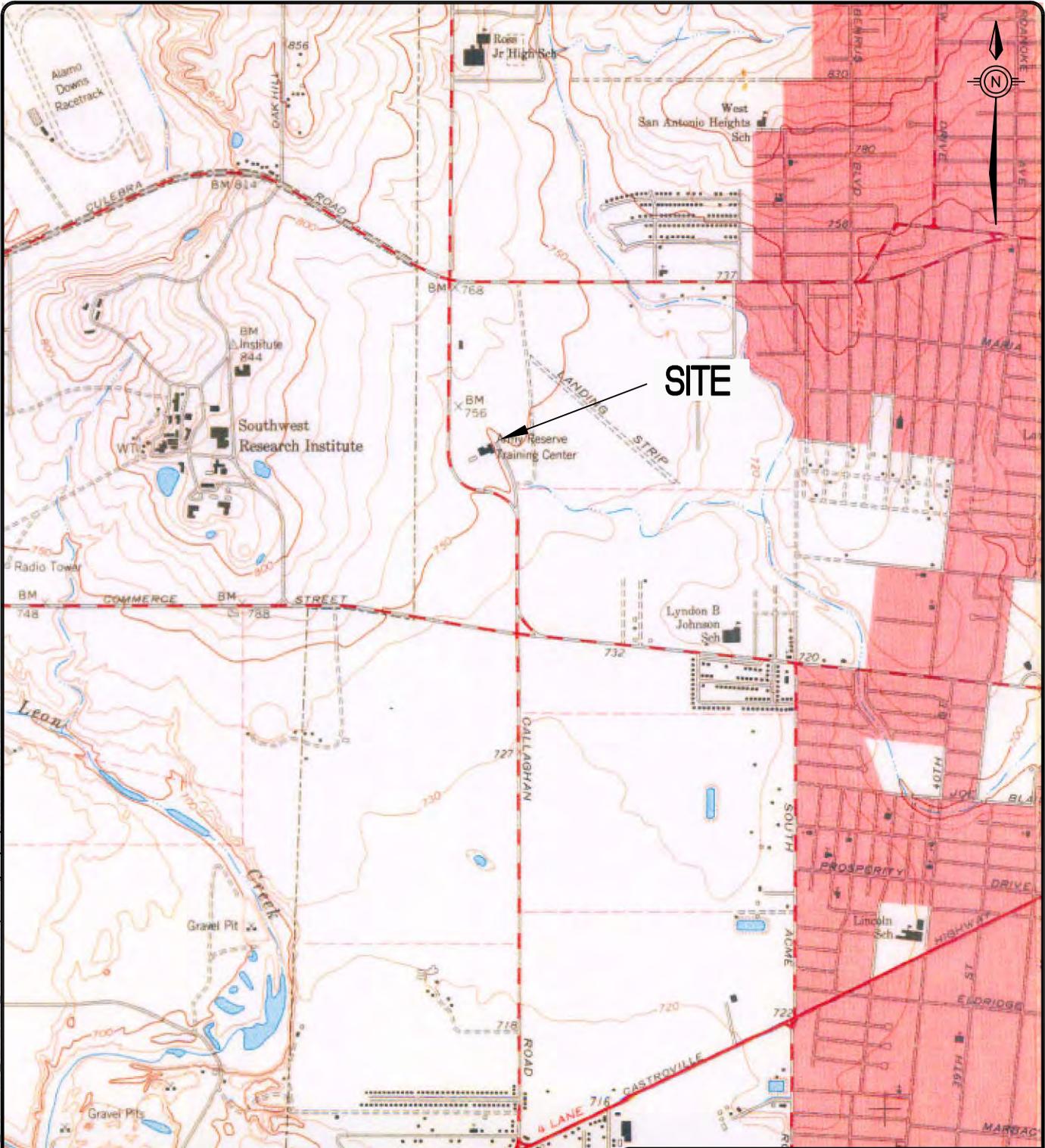


FIGURE 10
 1967 TOPOGRAPHIC MAP
 ENVIRONMENTAL CONDITION OF PROPERTY
 CALLAGHAN ROAD USAR CENTER
 SAN ANTONIO, TEXAS

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MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 SAN ANTONIO WEST, TEXAS

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DWG DATE:	09/07/06
DWG NO:	802978B141



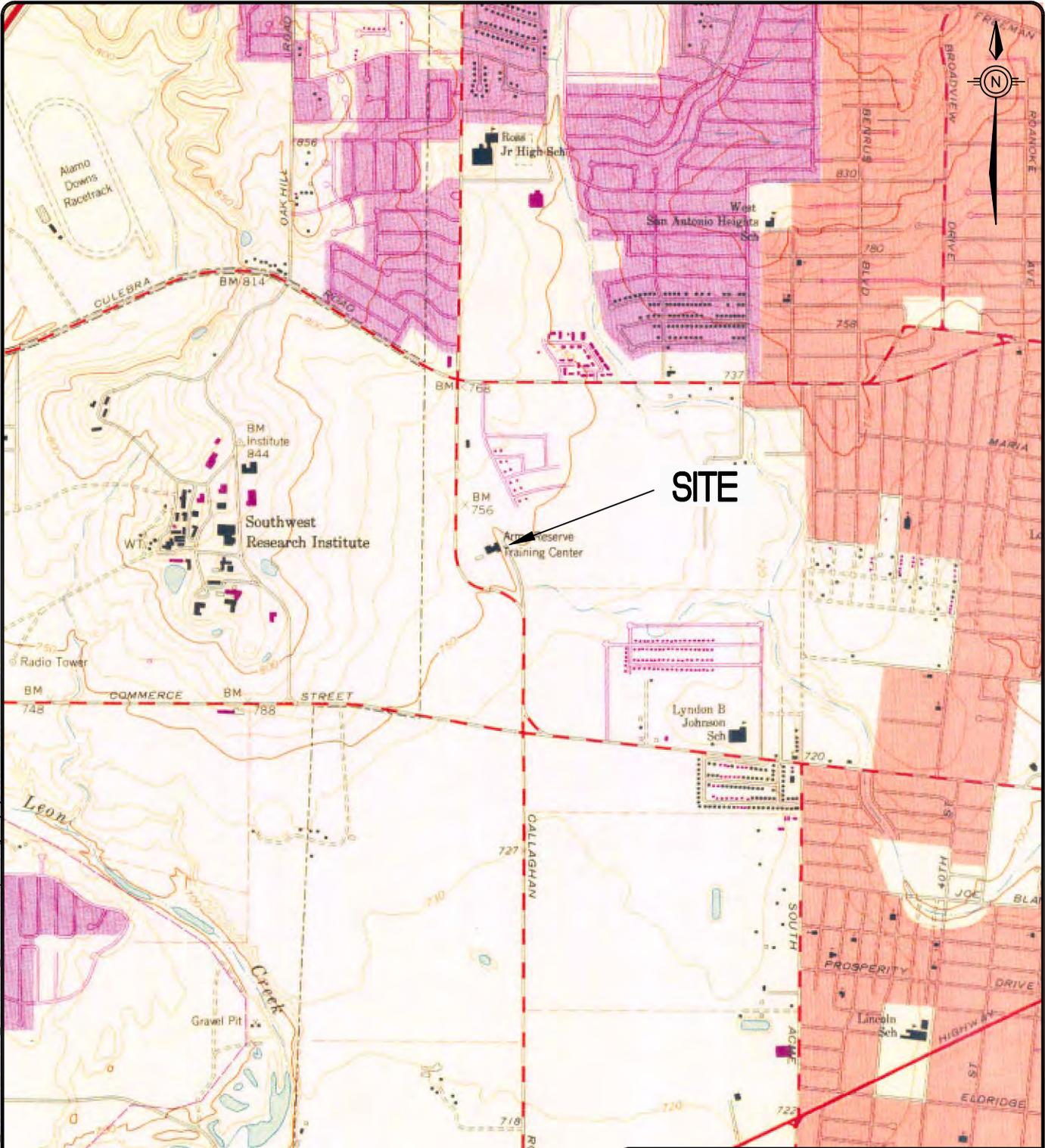


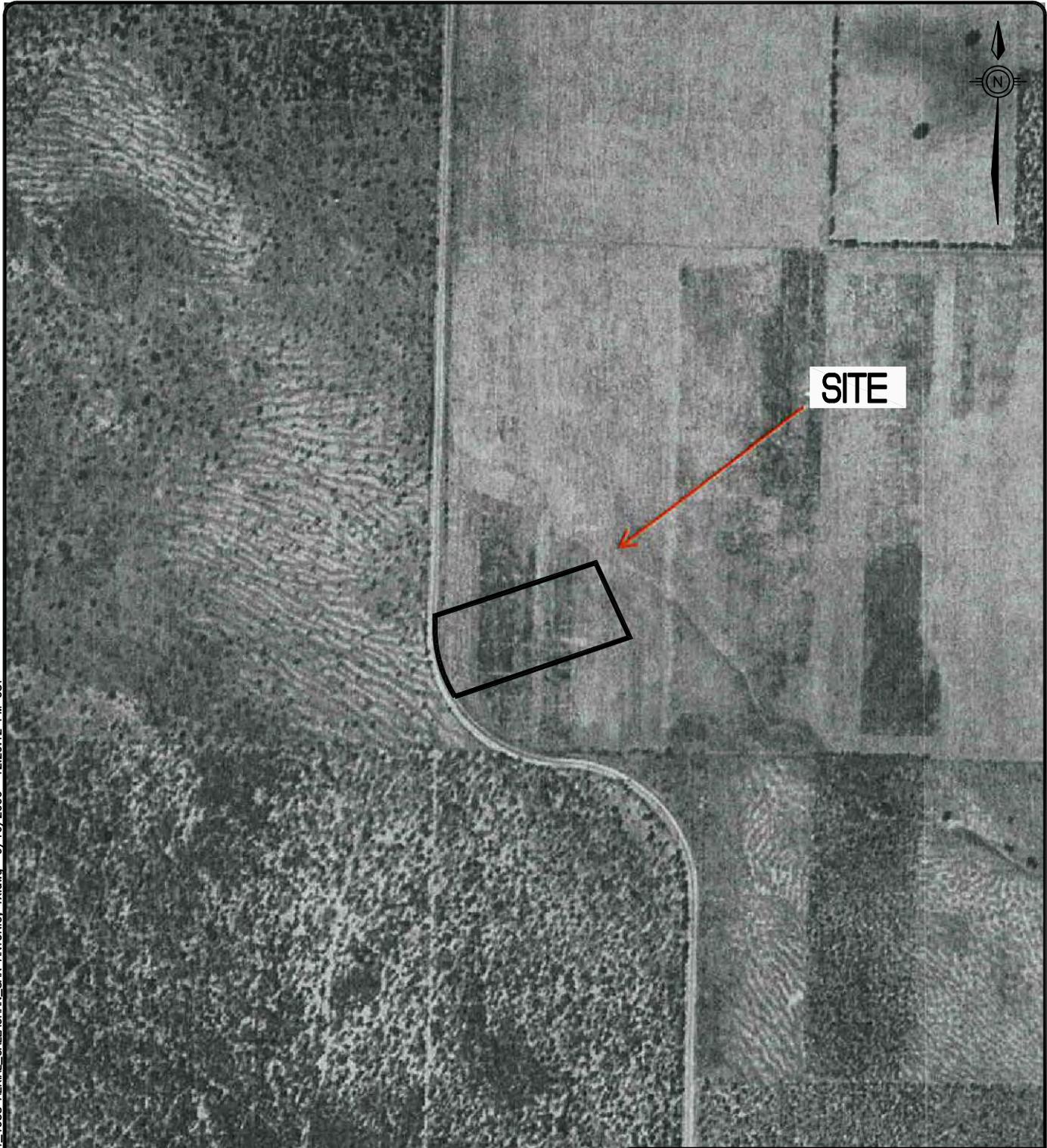
FIGURE 11
 1967-1973 TOPOGRAPHIC MAP
 ENVIRONMENTAL CONDITION OF PROPERTY
 CALLAGHAN ROAD USAR CENTER
 SAN ANTONIO, TEXAS

C:\draw\802978B142_TX064_1967-1973 TOPO CALLAGHAN SAN ANTONIO, TX.dwg 9/7/2006 12:03:17 PM CST

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 SAN ANTONIO WEST, TEXAS

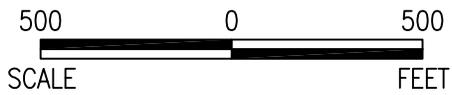
REQUESTED BY:	R.SMITH
DRAWN BY:	BRONSON
DWG DATE:	09/07/06
DWG NO:	802978B142





SITE

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SOURCE:
ENVIRONMENTAL DATA RESOURCES, INC.

FIGURE 13
1938 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY: R. SMITH

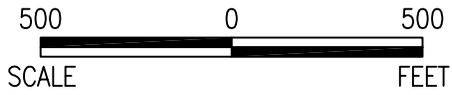
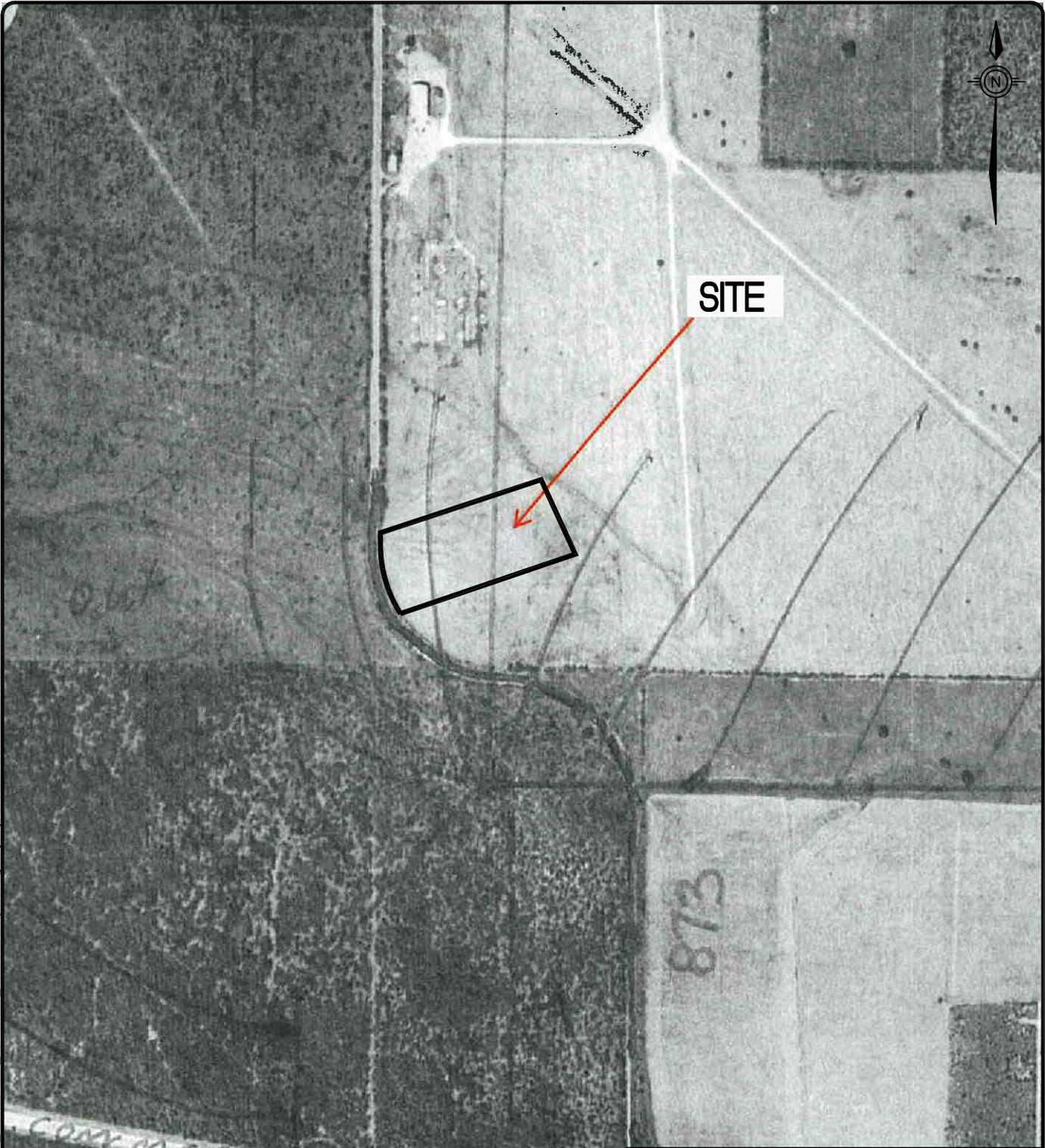
DRAWN BY: BRONSON

DWG DATE: 09/07/06

DWG NO: 802978B144



C:\draw\802978B145_TX064_1959_AERIAL_CALLAGHAN_SAN ANTONIO, TX.dwg 9/16/2006 12:30:07 PM CST



SOURCE:
ENVIRONMENTAL DATA RESOURCES, INC.

FIGURE 14
1959 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY: R. SMITH

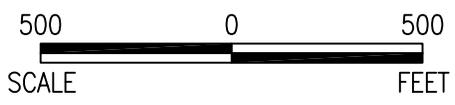
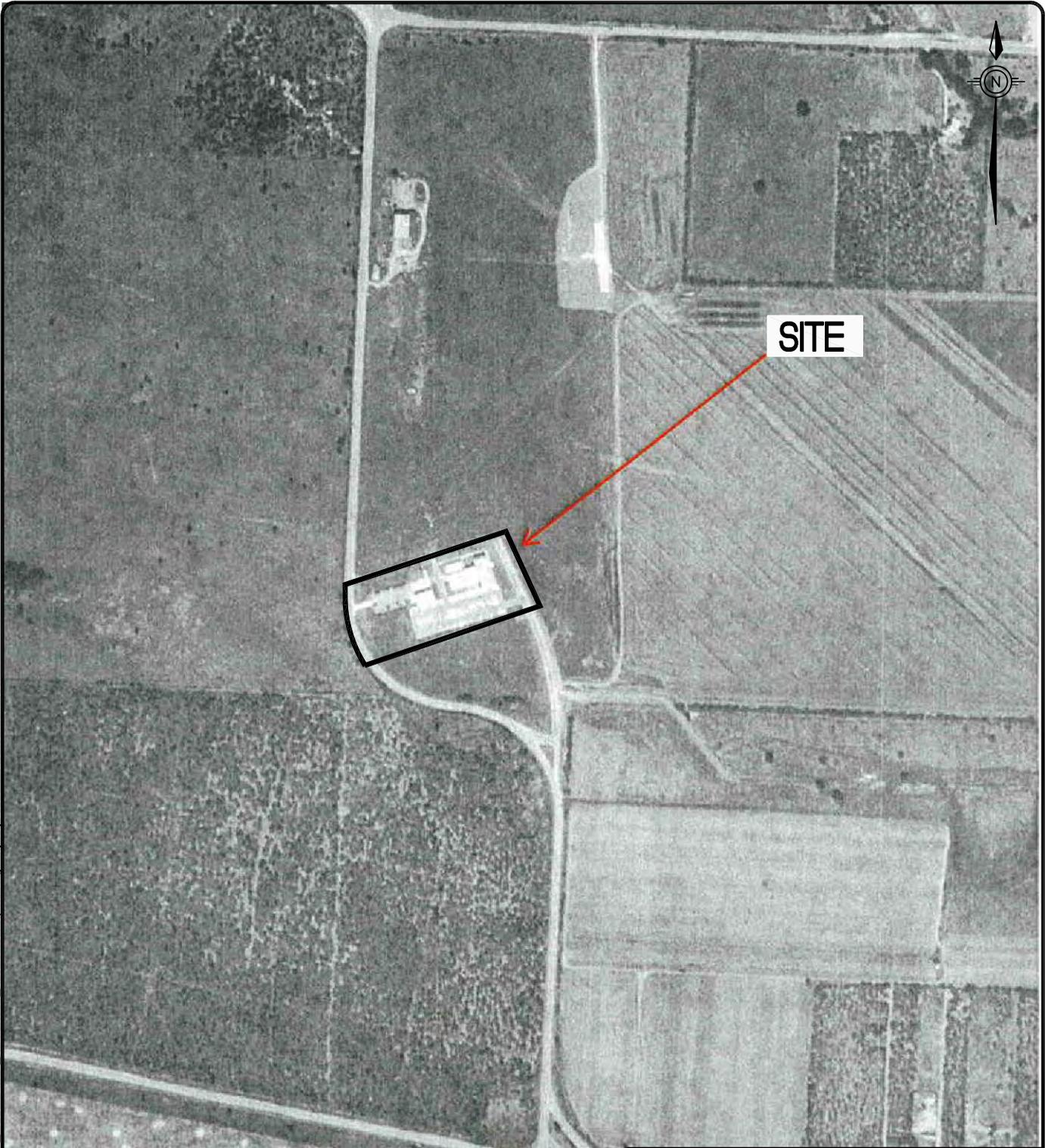
DRAWN BY: BRONSON

DWG DATE: 09/07/06

DWG NO: 802978B145



C:\draw\802978B146_TX064_1966_AERIAL_CALLAGHAN_SAN ANTONIO, TX.dwg 9/16/2006 12:31:04 PM CST



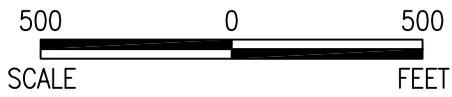
SOURCE:
ENVIRONMENTAL DATA RESOURCES, INC.

FIGURE 15
1966 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY: R. SMITH	 <p>TERRAINE ENSAFE B(a) joint venture</p>
DRAWN BY: BRONSON	
DWG DATE: 09/07/06	
DWG NO: 802978B146	



C:\draw\802978B150_TX064_2004_AERIAL_CALLAGHAN_SAN_ANTONIO, TX.dwg 9/16/2006 12:34:19 PM CST



SOURCE:
ENVIRONMENTAL DATA RESOURCES, INC.

FIGURE 19
2004 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

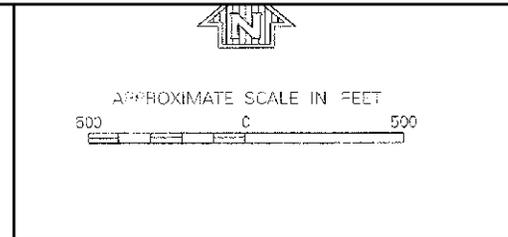
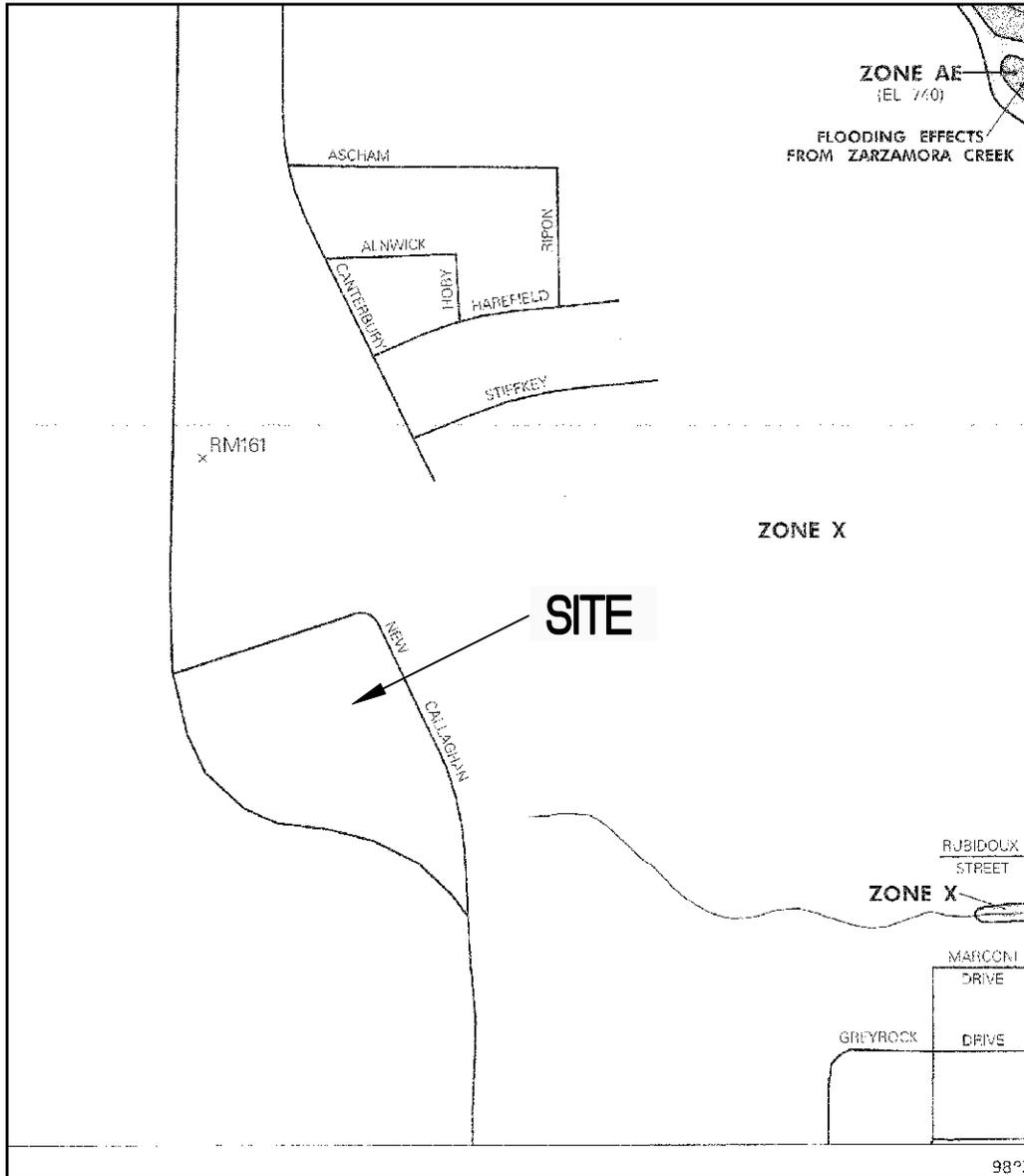
REQUESTED BY: R. SMITH

DRAWN BY: BRONSON

DWG DATE: 09/07/06

DWG NO: 802978B150





NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

BEXAR COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 428 OF 900
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COUNTY	NUMBER	PIECE	SLACK
BEXAR COUNTY	48028	428	F

MAP NUMBER
48028C0428 F

MAP REVISED:
JANUARY 4, 2002

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

SOURCE:
FEDERAL EMERGENCY MANAGEMENT AGENCY
(JANUARY 4, 2002)

FIGURE 20
FEMA FLOOD PLAIN MAP
ENVIRONMENTAL CONDITION OF PROPERTY
CALLAGHAN ROAD USAR CENTER
SAN ANTONIO, TEXAS

REQUESTED BY: R.SMITH
DRAWN BY: BRONSON
DWG DATE: 09/18/06
DWG NO: 802978B353



Appendix B
Site Reconnaissance Photos

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 1: The adjacent property to the south of the Callaghan Road USAR Center is an open field.



Photo 2: The adjacent property to the east of the USAR Center is also an open field.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 3: Another view of the adjacent property to the east of the USAR Center, facing to the southeast.



Photo 4: The view shows the adjacent property to the north of the USAR Center.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 5: Another view of the property north of the USAR Center.



Photo 6: Another view of the adjacent property to the south of the USAR Center.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 7: View of the adjacent property to the north of the USAR Center.



Photo 8: View of the adjacent property to the west of the USAR Center.

Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX



Photo 9: Pole mounted transformers are southwest of the Administrative/Training Building.



Photo 10: Container storage boxes are stored on the asphalt surface in this view looking west.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 11: Beyond the container storage boxes is a military equipment parking area.



Photo 12: Close-up view of a military equipment parking area.

Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX



Photo 13: Additional military equipment parking is along Old Callaghan Road.



Photo 14: Another close-up of the military equipment parking area.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 15: Facing north is a view of the military equipment parking area.



Photo 16: Facing east is a view of the military equipment parking area.

Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX



Photo 17: A hazardous materials storage locker has multiple small containers.



Photo 18: Various containers are stored inside the hazardous materials storage locker.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 19: Another view of the inside of the hazardous materials storage locker.



Photo 20: Stained concrete/soil outside the north side of the hazardous materials storage locker.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 21: Close-up view of stained concrete/soil outside the north side of the hazardous materials storage locker.



Photo 22: The vehicle wash rack and drain trench is visible in this view to the north.

Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX



Photo 23: POL storage is on the concrete floor inside the OMS.



Photo 24: Hazardous materials storage is in a locker in the OMS area.

Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX



Photo 25: A hot water parts washer is in the OMS.



Photo 26: The overhead metal beams in the OMS were painted (reportedly lead based paint).

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 29: The OWS Building houses a water recycling system.



Photo 30: The OMS and military equipment parking area are visible in this view looking to the west.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 31: This view shows the southwest side of the Administrative/Training Building.



Photo 32: There is a sump in the concrete floor of the mechanical room in the Administrative/Training Building.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 33: A boiler in the mechanical room of the Administrative/Training Building.



Photo 34: The HVAC system is in the mechanical room of the Administrative/Training Building.

**Callaghan Road USAR Center
600 Callaghan Road
San Antonio, TX**



Photo 35: Floor drains in the mechanical room of the Administrative/Training Building connect to the sanitary sewer.



Photo 36: The second floor of the Administrative/Training Building has a storage closet with miscellaneous materials.

Appendix C
Chain-of-Title Report



2055 East Rio Salado Parkway, Suite 201
Tempe, Arizona 85281
Phone: (480) 967-6752
Fax Number: (480) 966-9422
Web Site: www.netronline.com

HISTORICAL CHAIN OF TITLE REPORT

**CALLAGHAN ROAD USARC
601 CALLAGHAN ROAD
SAN ANTONIO, TEXAS**

Submitted to:

TERRAINE, INC.
4002 Sutherland Ave
Knoxville, Tennessee 37919
(800) 531-1242

Attention: James Young

Project No. N06-4935

Saturday, August 05, 2006

NETR- Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that part of Tract A-1, Block 11493, also known as Geographic ID 11493-000-0211, situated and lying in the City of San Antonio, Bexar County, State of Texas

Assessor's Parcel Number: 484894

1. HISTORICAL CHAIN OF TITLE

1. DEED:
 - RECORDED: 10-11-1906
 - GRANTOR: P. J. Seidemann
 - GRANTEE: Robert Blumberg, et al
 - INSTRUMENT: Bk 258, Pg 33

2. WARRANTY DEED:
 - RECORDED: 02-03-1932
 - GRANTOR: Robert Blumberg
 - GRANTEE: Sam J. Blumberg
 - INSTRUMENT: Bk 291, Pg 132

3. WARRANTY DEED:
 - RECORDED: 02-21-1932
 - GRANTOR: Sam J. Blumberg
 - GRANTEE: Nela Draeger
 - INSTRUMENT: Bk 333, Pg 231

4. DEED:
 - RECORDED: 07-15-1942
 - GRANTOR: Neela Draeger and Henry Draeger; Charles G. Blumberg; August Koehler, et al
 - GRANTEE: Andrew Mattes
 - INSTRUMENT: Bk 1937, Pg 542

5. WARRANTY DEED:
 - RECORDED: 08-04-1942
 - GRANTOR: Nathaniel Blumberg Draeger, Mrs. Mollie Alley and Louis Alley
 - GRANTEE: C. G. Blumberg and Mrs. Martha Koehler
 - INSTRUMENT: Bk 1941, Pg 38

6. WARRANTY DEED:
 - RECORDED: 03-29-1944
 - GRANTOR: Andrew Mattes and Ida Mattes, husband and wife
 - GRANTEE: Thomas H. Hurt
 - INSTRUMENT: Bk 2019, Pg 492

7. DEED:
 - RECORDED: 11-16-1955
 - GRANTOR: John Beuford Hurt, Sr., et al; Estate of Thomas H. Hurt
 - GRANTEE: West San Antonio Development Corporation
 - INSTRUMENT: Bk 3785, Pg 107

8. WARRANTY DEED:

RECORDED: 09-09-1963
GRANTOR: West San Antonio Development Corporation
GRANTEE: Earl F. Slick; Lewis J. Moorman, Jr.; Charles F.
Urschel, Jr.; Co-Executors of the Estate of Tom Slick
INSTRUMENT: Bk 5003, Pg 466

9. WARRANTY DEED:

RECORDED: 11-12-1964
GRANTOR: Earl F. Slick; Lewis J. Moorman, Jr.; Charles F.
Urschel, Jr.; Co-Executors of the Estate of Tom Slick,
deceased
GRANTEE: United States of America
INSTRUMENT: Bk 5419, Pg 761

2. LEASES AND MISCELLANEOUS

1. No environmental liens, institutional controls or engineering controls were found of record.

3. LIMITATION

This report was prepared for the use of Terraine, Inc., exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

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

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

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 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
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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

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

STATE AND LOCAL RECORDS

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

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN UST	USTs on Indian Land

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

EDR Historical Auto StationsEDR Proprietary Historic Gas Stations

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

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

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.

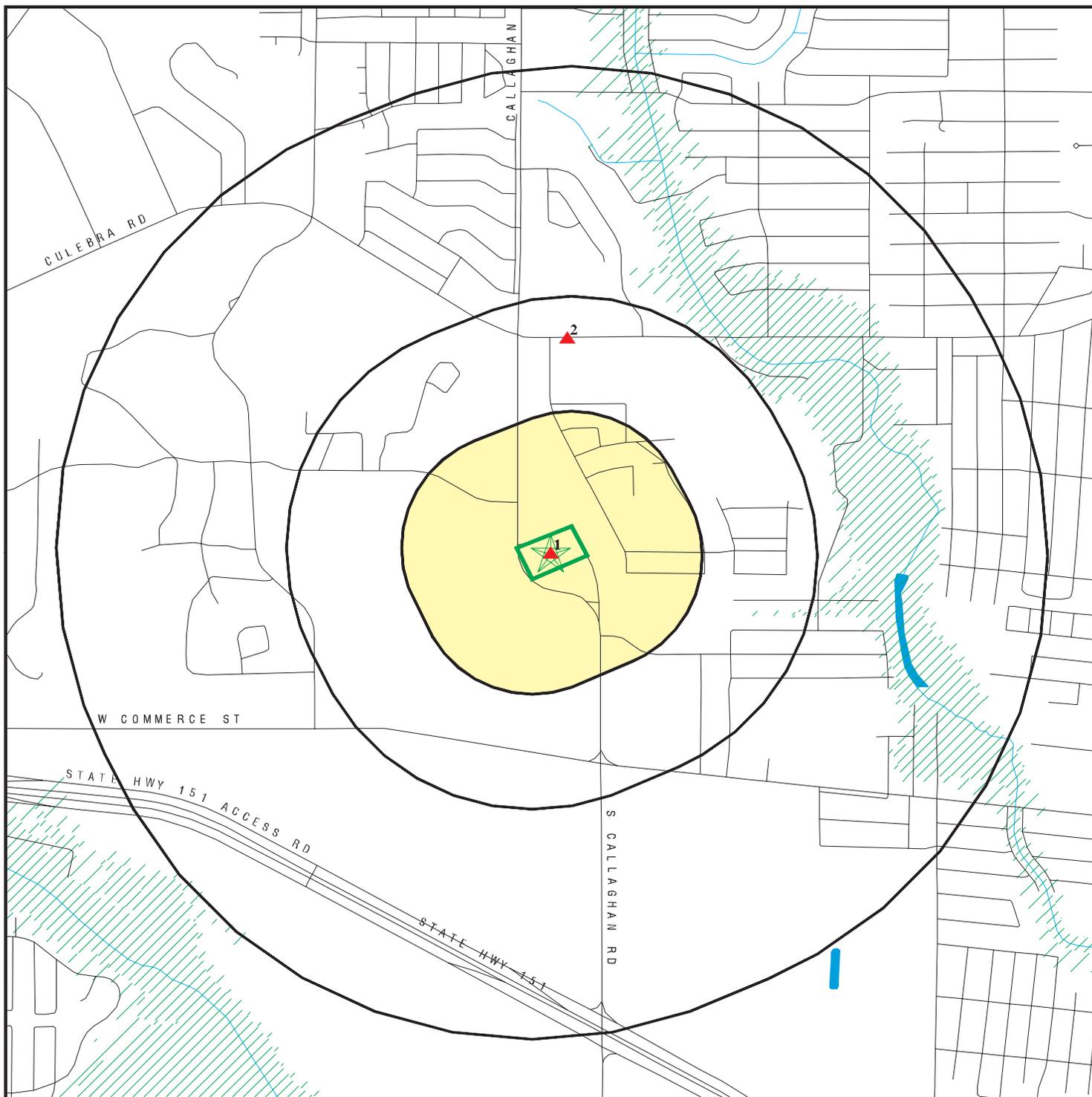
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DONALDO H. FRIXIONE	5627 CULEBRA APT. 2402	1/4 - 1/2N	2	7

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

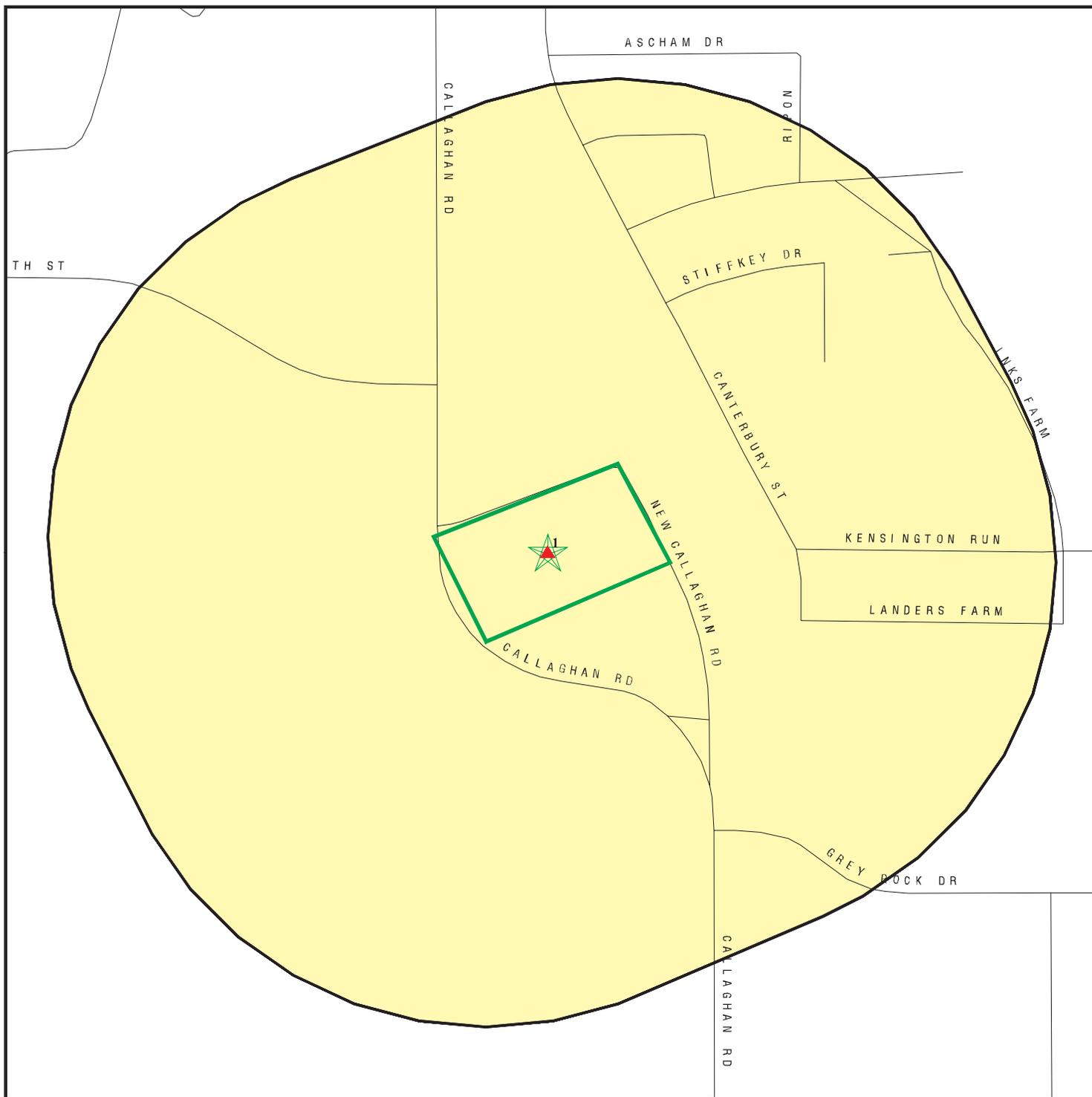


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

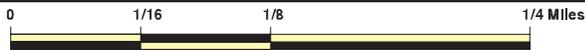
SITE NAME: Callaghan Road USARC
 ADDRESS: 600 Callaghan Road
 San Antonio TX 78228
 LAT/LONG: 29.4417 / 98.6015

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
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	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
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
IOP		TP	NR	NR	NR	NR	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CLI		0.500	0	0	0	NR	NR	0
WasteMgt		TP	NR	NR	NR	NR	NR	0
LTANKS		0.500	0	0	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
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations	TP		NR	NR	NR	NR	NR	0
EDR Historical Cleaners	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map 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

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

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facility List

Source: Department of Protective & Regulatory Services

Telephone: 512-438-3269

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - 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).

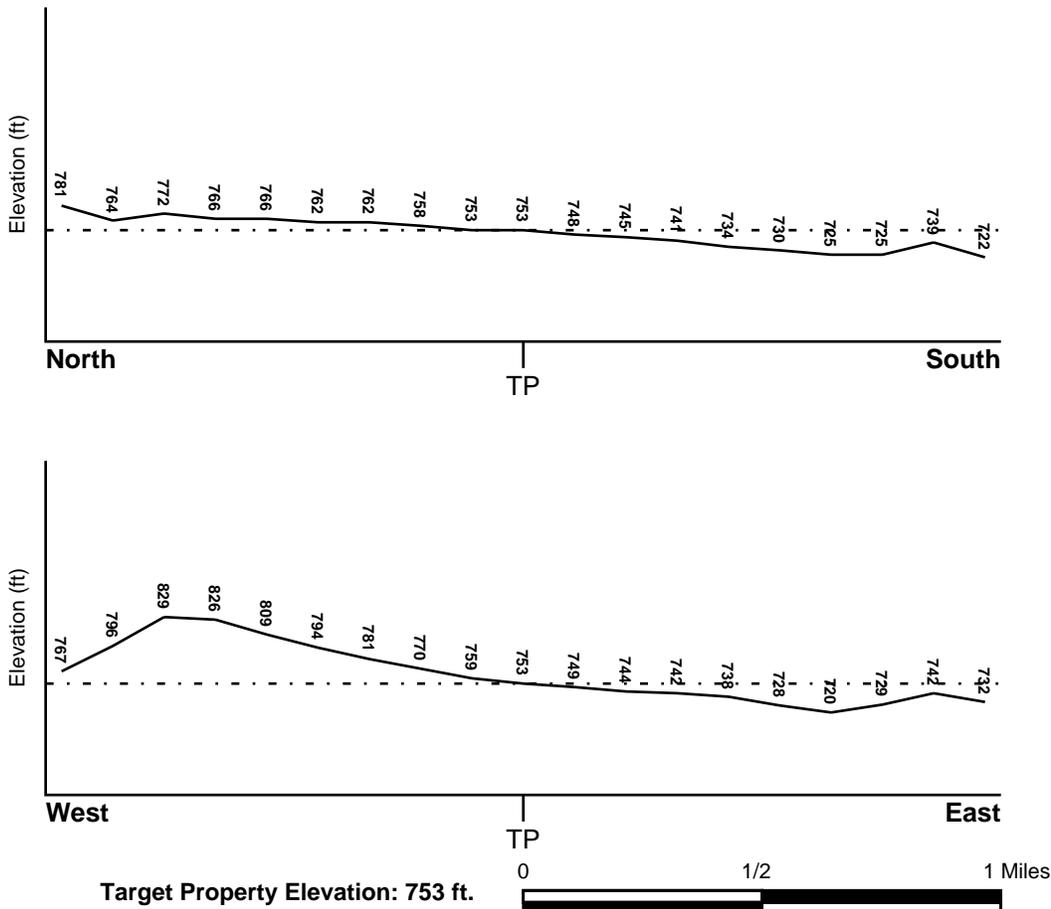
TOPOGRAPHIC INFORMATION

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>	FEMA Flood <u>Electronic Data</u>
BEXAR, TX	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>	NWI Electronic <u>Data Coverage</u>
SAN ANTONIO WEST	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

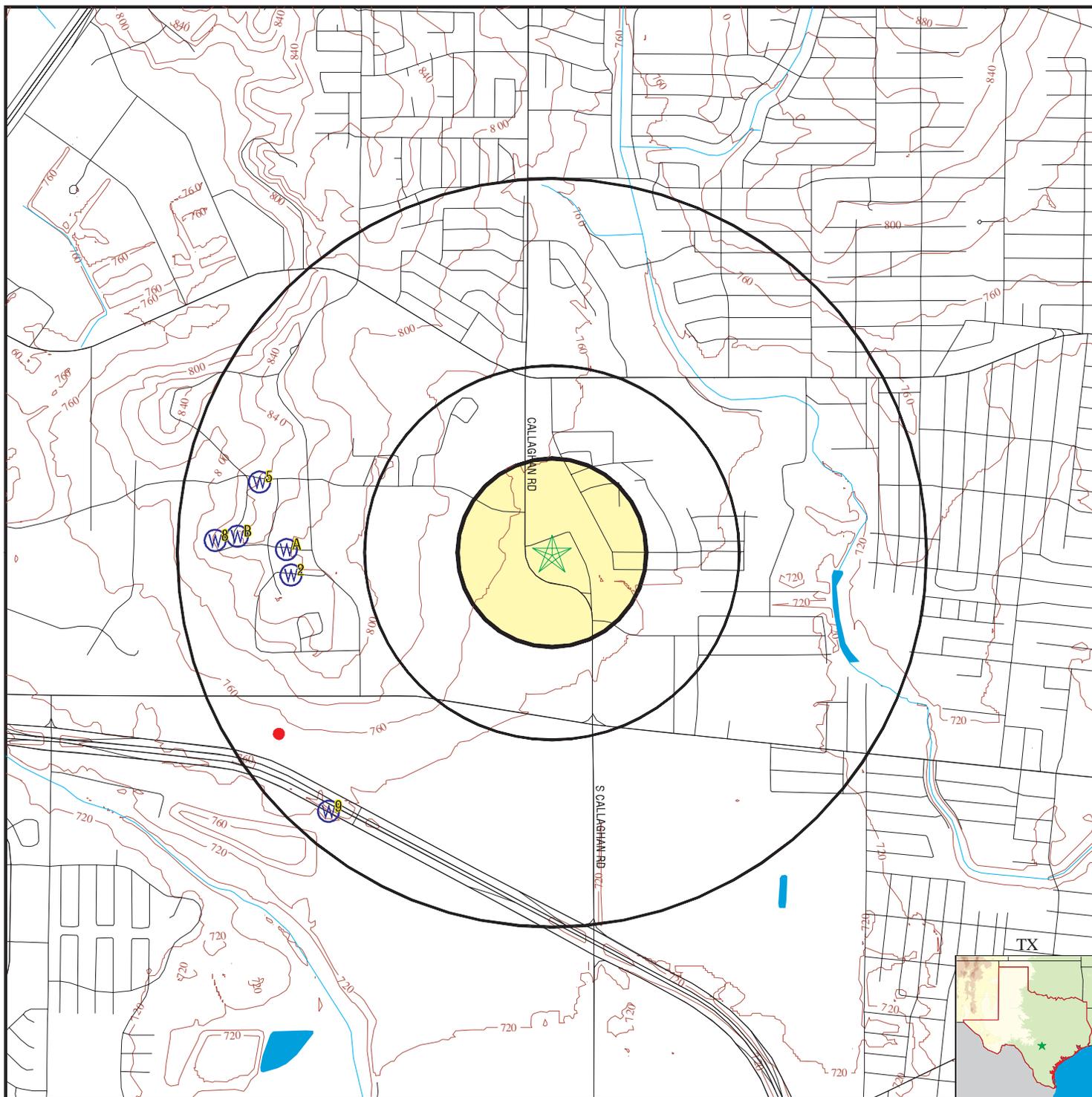
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	S000991	1/2 - 1 Mile West
2	TX0000000093162	1/2 - 1 Mile West
A3	TX0000000093161	1/2 - 1 Mile West
A4	S000990	1/2 - 1 Mile West
5	TX0000000093159	1/2 - 1 Mile WNW
B6	TX0000000093160	1/2 - 1 Mile West
B7	S000989	1/2 - 1 Mile West
8	S000988	1/2 -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

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Texas Groundwater Database

Source: Texas Water Development Board

Telephone: 512-936-0837

Texas Public Water Supply Database on Ground and Surface Water

Source: Texas Commission on Environmental Quality

Texas Water Wells DOL

Source: Texas Department of Licensing and Regulation

Telephone: 512-463-6599

OTHER STATE DATABASE INFORMATION

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

Source: Texas Railroad Commission

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

RADON

State Database: TX Radon

Source: Department of Health

Telephone: 512-834-6688

Final Report of the Texas Indoor Radon Survey

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

STREET AND ADDRESS INFORMATION

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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 Address: 600 Callaghan Road City/State: San Antonio, TX 78228 Cross Streets:
Customer Project: EJV-ECP Proj. 1013941ERN 850-457-1796	

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

NO COVERAGE

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



EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

**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

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

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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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

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	<u>**CALLAGHAN**</u> C E SPEARS R (600)	Jules A. Appler, Compiler And Publisher
1909	<u>**CALLAGHAN**</u> M ARCINIEGA R (600)	Jules A. Appler, Publisher of City Directories
1914	<u>**CALLAGHAN**</u> P & GENEVIEVE SEIDEMANN H (600)	Jules A. Appler, Publishers
1920	<u>**CALLAGHAN**</u> 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	<u>**CALLAGHAN RD**</u> V S ARMRNY RESERVE NO (600)	R. L. Polk Co. Publishers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	**CALLAGHAN RD** U S ARMY RESERVE NO (600)	R. L. Polk Co. Publishers
1992	**CALLAGHAN RD** 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	**CALLAGHAN AVE** JOHN DANYSCH H (550) SALVADOR DELGADO HI (604) R Y SAENZ R (608)	Jules A. Appler, Compiler And Publisher
1909	**CALLAGHAN AVE** C NOLAN C R (526) JOHN DANYSCH H (550) S DELGADO SR H (604)	Jules A. Appler, Publisher of City Directories
1914	**CALLAGHAN AVE** 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)
OCONNOR (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	**CALLAGHAN RD**	R. L. Polk Co. Publishers
	IMPERIAL BALL ROOM (300)	
	MARTINEZ M E (314)	
2005	**CALLAGHAN RD**	Cole Information Services
	F EDUARDO (314)	
	R INSTALL CO (402)	
	RTCHARD S YANES NP (402)	