

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Zilker Metropolitan Park
Barton Springs Road
Austin, Texas**



October 2019

TRC Project No: 339575.0000.0000

Prepared For:
Austin Brownfields Revitalization
Office
PO Box 1088
Austin, Texas, 78767

Prepared By:
TRC Environmental Corporation
505 E. Huntland Drive Suite 250
Austin, Texas, 78750
512-329-6080

Teal Glass, CESSWI, CWMP
Project Manager
TRC Environmental Professional

Michael Bohmfalk, CHMM
Senior Project Manager
TRC Environmental Professional



TABLE OF CONTENTS

	Page No.
EXECUTIVE SUMMARY	1
1.0 INTRODUCTION.....	1
1.1 PURPOSE AND SCOPE OF SERVICES.....	1
1.2 ADDITIONAL SERVICES.....	1
1.3 DEVIATIONS TO ASTM E 1527-13 STANDARD	2
2.0 SITE DESCRIPTION.....	3
2.1 SITE LOCATION AND LEGAL DESCRIPTION	3
2.2 SITE IMPROVEMENTS	3
2.2.1 Buildings.....	3
2.2.2 Other Site Improvements	6
2.3 CURRENT AND HISTORIC SITE USE.....	8
2.3.1 Current Site Use(s)	8
2.3.2 Previous Owner and Operator Information	8
2.4 PHYSICAL SETTING.....	10
3.0 USER PROVIDED INFORMATION.....	11
3.1 TITLE & JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULs).....	11
3.2 SPECIALIZED KNOWLEDGE	11
3.3 PROPERTY VALUE REDUCTION ISSUES.....	11
3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION.....	11
3.5 REASON FOR CONDUCTING PHASE I.....	12
4.0 RECORDS REVIEW	13
4.1 HISTORICAL USE INFORMATION	13
4.1.1 Site History.....	13
4.2 DATABASE REPORT & ENVIRONMENTAL RECORD REVIEW	16
4.2.1 Subject Site.....	16
4.2.2 Adjoining & Surrounding Property Record Review.....	18
4.2.2.1 Adjoining Properties.....	18
4.2.2.2 Surrounding Properties.....	19
4.3 PREVIOUS REPORTS.....	23
4.4 OTHER ENVIRONMENTAL RECORD SOURCES	31
5.0 SITE RECONNAISSANCE	32
5.1 METHODOLOGY AND LIMITING CONDITIONS.....	32
5.2 INTERIOR AND EXTERIOR SITE OBSERVATIONS	32
5.2.1 Hazardous Substances.....	33
5.2.2 Aboveground Storage Tanks	33
5.2.3 Underground Storage Tanks.....	34
5.3 ADJOINING AND SURROUNDING PROPERTIES RECONNAISSANCE	34
5.3.1 Adjoining Properties.....	34
5.3.2 Surrounding Properties	35
6.0 INTERVIEWS.....	36
7.0 FINDINGS, OPINIONS AND CONCLUSIONS.....	37
7.1 RECS AND CRECS.....	37
7.2 HRECS	39
7.3 DE MINIMIS CONDITIONS.....	39
7.4 DATA GAPS.....	39
7.5 LIMITING CONDITIONS AND DEVIATIONS	40
7.5.1 Accuracy and Completeness	40

7.5.2	Warranties and Representations	41
7.5.3	Continued Validity/User Reliance	41
7.5.4	Significant Assumptions.....	41
8.0	REFERENCES.....	42
9.0	ADDITIONAL SERVICES.....	43

Tables

Table 2.1 - Parcel Information.....	3
Table 2.2 - Summary of Buildings.....	4
Table 2.3 - Summary of Other Site Improvements	7
Table 4.1 - Site, Adjacent, and Surrounding Property History	13
Table 5.1 - Interior and Exterior Site Observations.....	32
Table 5.2 - Adjoining Properties Reconnaissance.....	35

Figures

Figure 1:	Site Location Map
Figure 2:	Site Features Map
Figure 3:	Transformer Location Map

Appendices

Appendix A:	Database Radius Report
Appendix B:	Historical Research Documentation
Appendix C:	Photograph Log
Appendix D:	Other Reference Information
Appendix E:	TRC Staff and Environmental Professional Qualifications/Resumes
Appendix F:	Environmental Professional Statement

EXECUTIVE SUMMARY

Subject to the qualifications and limitations stated in Section 1 of this report, TRC Environmental Corporation (TRC) was retained by the City of Austin Brownfields Revitalization Office (ABRO) and Parks and Recreation Department (PAR) (hereinafter "Client" or "User") to perform a Phase I Environmental Site Assessment (ESA) at the Zilker Metropolitan Park (Zilker Park) in Austin, Travis County, Texas. Zilker Park encompasses approximately 350-acres with a general address of 2100 Barton Springs Drive (hereinafter the "Site"). TRC's assessment was conducted in anticipation of future renovations planned for various areas throughout the Site. The Phase I ESA described in this report was performed in accordance with the scope and limitations of the American Society of Testing and Materials Practice E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13). Limiting conditions and/or deviations from the ASTM E 1527-13 standard are described in Sections 1.3 and 7.5 of this report.

The approximately 350-acre Site is currently operated by PAR as a multi-use year-round recreational community park. Park amenities include Barton Springs Pool, Zilker Hillside Theater, Zilker Zephyr (miniature train), Zilker Lodge (Sunshine Camp), Girl Scout Hut, McBeth Recreation Center, Austin Nature and Science Center (ANSC), Zilker Clubhouse, Zilker Botanical Gardens, hiking trails, Disc Golf Course, Volleyball Courts, and picnic areas. The various community activities hosted at the Park include the Austin City Limits (ACL) Music Festival, Trail of Lights and large Christmas Tree, Kite Festival, and summer youth camps. Park activities are coordinated, maintained, and supported through the Park Rangers and PAR maintenance and service staff.

As a result of the Phase I ESA, including but not limited to our visual observation of the Site; review of historical information, environmental databases, and information provided by the User; interviews with current Site representative(s); and TRC's professional judgment, no *recognized environmental conditions* (RECs) and/or *controlled recognized environmental conditions* (CRECs) as defined by the ASTM E 1527-13 standard were identified to be associated with the Site, except for the following:

REC No. 1

The Butler Landfill covers approximately 25-acres in an area of Zilker Park and is bound by Lady Bird Lake to the north, Eanes Creek to the west, Stratford Drive to the south and Lou Neff Road to the east. The location originally served as a clay quarry for the Butler Brick Factory through the early 1900s and was subsequently operated by the City of Austin as a municipal landfill from 1948 to 1967. At the time of the site reconnaissance, the eastern portion of the area was covered with crushed rock. Soil and vegetative cover were observed between the rock covered area and the asphalt paved parking area beneath Mopac. The area to the west of Mopac houses the Bone Yard. Several investigations and groundwater monitoring events have been conducted at the landfill subsequent to 1984 which have identified constituents of concern (COCs) at levels above their respective Protective Concentration Levels (PCLs). Therefore, the Butler Landfill is considered a REC due to the COC PCL exceedances and the potential for comingling of groundwater within the landfill with surface waters at Lady Bird Lake.

REC No. 2

Encompassing approximately 2.5-acres, the Pistol and Skeet Range area was originally developed in the 1930s with start of operations reportedly circa 1938. Based on aerial photographs and interviews with PAR staff, the western portion of the area was used for skeet shooting (Skeet Range) while the east side was used for pistol and rifle shooting (Pistol Range). The building from which clay pigeons were released (skeet building) was located on the west side of the area with a semi-circle area to the east of the skeet building. Shooting stations were located around the semi-circle with shooters facing to the northwest, north and northeast as they moved to each station. A covered area with shooting tables was located on the south side of the eastern portion of the Pistol Range. There was a 25-yard berm and a 50-yard berm to the north of the covered shooting tables.

A small building located to the southeast of the shooting tables was constructed in the late 1930s and was still present at the time of the site reconnaissance.

At the time of the site reconnaissance, the area was covered in grass with trees in the southern and eastern portions. A ropes course, picnic tables, and agility course were observed on the south and east sides of the eastern portion of the Pistol Range. A climbing wall surrounded by an area of mulch was observed in the south-central portion of the area. Portions of the foundation of the former skeet building were observed in the western portion of the range. Areas of exposed rock and concrete were observed running north to south in the central portion of the area and are assumed to be the location of the former rock wall. A low rock wall was observed in the northeastern portion of the area. A rock retaining wall was observed along the southern and eastern sides of the area with a three to four-foot grade difference between the upper and lower elevations. Black shards of cementitious clay were observed in the north central portion of the area and appear consistent with clay pigeon materials. Stockpiles of soil with rock and concrete rubble were observed in the northwestern portion of the area. An inlet for an intermittent stream which conveys storm water from areas to the north and west of the Pistol Range was observed in the northern portion of the area with the outfall for the conveyance observed at the northeast portion of the area. Storm water generally flows by surface flow across the Pistol Range area toward Eanes Creek to the east-southeast.

Historic and recent soil investigations conducted at the Pistol Range have identified elevated concentrations of arsenic, antimony and lead at concentrations above assessment levels and applicable PCLs. Additional investigations are currently underway to further evaluate and delineate potential metal impacts to soils. Investigations conducted to date have focused on impacts to soils at the Pistol Range and have not included the Skeet Range or the wooded area to the north of Pistol and Skeet Range areas where lead pellets and shot from skeet shooting may have been deposited.

Based on the foregoing, the Pistol and Skeet Range areas, including the wooded area to the north, are considered a REC due to the presence or likely presence of lead at levels which indicate an impact to the environment.

REC No. 3

An area at the northwest portion of the Park is currently used as the Bone Yard. The area is used for storage of surplus materials; park equipment (benches, signs, trash receptacles); stockpiling of soil, weathered granite gravel, rocks, brush, trees, asphalt removed from roadways and parking areas, and other debris; trash dumpsters for park wastes; surplus electric powered carts and small vehicles; and surplus lawn-maintenance equipment (tractors and mowers). Lead-acid batteries were observed in the electric powered carts and exposed to the elements. Site personnel were unclear if fluids had been drained from the lawn-maintenance equipment. A small *de minimis* area (less than two feet in diameter) of dark staining was observed beneath a surplus tractor at the north end of this area. No other leaks, ruptures, or staining was observed. Approximately four 5-gallon containers of calcium hypochlorite were observed on a pallet in the northwestern section of the Bone Yard. The containers appeared to be in good condition with no leaks or ruptures observed. However, storage of the asphalt, electric powered carts and small vehicles with lead-acid batteries, surplus lawn-maintenance equipment, and chemical containers without cover and/or impervious pavement represents a material threat of a release of hazardous substances and/or petroleum products to the environment.

This Executive Summary is part of this complete report; any findings, opinions or conclusions in this Executive Summary are made in context with the complete report. TRC recommends that the User read the entire report for all supporting information related to findings, opinions and conclusions.

Legal Notice

This document was prepared by TRC solely for the benefit of the Client and the User. With regard to third-party recipients of this document, neither TRC, nor the Client, nor the User, nor any of their respective parents, affiliates or subsidiaries, nor any person acting on their behalf: (a) makes any warranty, expressed or implied, with respect to the use of any information or methods disclosed in this document; or (b) assumes any liability with respect to the use of any information or methods disclosed in this document. Any third-party recipient of this document, by its acceptance or use of this document, releases TRC, the Client, the User, and their parents, affiliates and subsidiaries, from any liability for direct, indirect, economic, incidental, consequential or special loss or damage whether arising in contract, warranty, express or implied, tort, or otherwise, and irrespective of fault, negligence, and strict liability.

1.0 INTRODUCTION

TRC Environmental Corporation (TRC) has prepared this Phase I Environmental Site Assessment (ESA) for the City of Austin Brownfields Revitalization Office (ABRO) and Parks and Recreation Department (PARD) (hereinafter “Client” or “User”).

This report was prepared for and may be relied upon by Client for the purposes set forth herein; it may not be relied on by any party other than the Client and reliance may not be assigned without the express approval of TRC. Authorization for third party reliance on this report will be considered by TRC if requested by the Client. TRC reserves the right to deny reliance on this report by third parties.

1.1 Purpose and Scope of Services

The following Phase I ESA was performed for Zilker Metropolitan Park (Zilker Park) in Austin, Travis County, Texas. Zilker Park encompasses approximately 350-acres with a general address of 2100 Barton Springs Drive (hereinafter the “Site”). A Site location map is included as **Figure 1**. This Phase I ESA has been prepared by TRC in accordance with the American Society for Testing and Materials E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13) and is intended for the sole use of ABRO and PARD.

The purpose of this assessment is to identify *Recognized Environmental Conditions* (RECs) at the Site, as defined by the ASTM E 1527-13 standard. The completion of this Phase I ESA report may be used to satisfy one of the requirements for the User to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitations pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), thereby constituting *all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or customary practice* as defined by 42 U.S.C. §9601(35)(B) of CERCLA.

TRC understands that this assessment is funded with a federal grant awarded under the United States Environmental Protection Agency (U.S. EPA) Brownfields Assessment and Characterization program and; therefore, includes a review of the site and surrounding area for controlled substances.

The Scope of Services for this Phase I ESA included the following tasks:

- Site and vicinity reconnaissance;
- Site and vicinity description and physical setting;
- Historical source review and description of historical Site conditions;
- Interviews with owners, operators, and/or occupants of the Site, and/or local officials;
- Review of environmental databases and regulatory agency records;
- Review of previous environmental reports/documentation, as applicable;
- Review of environmental liens, if provided or authorized to obtain by the User; and
- Preparation of a report summarizing findings, opinions and conclusions.

Pursuant to the ASTM E 1527-13 standard, recommendations to conduct Phase II sampling or other assessment activities are not required to be included in this report. TRC can provide such recommendations upon request.

1.2 Additional Services

Items outside the scope of the ASTM E 1527-13 standard include, but are not limited to, the following:

- Asbestos-containing building materials
- Radon
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Industrial hygiene
- Health and safety
- Ecological resources
- Endangered species
- Indoor air quality unrelated to *releases of hazardous substances or petroleum products* into the environment
- Biological agents
- Mold

No additional services were performed outside the scope of the ASTM E 1527-13 standard.

1.3 Deviations to ASTM E 1527-13 Standard

Notwithstanding additions to the ASTM E 1527-13 standard, as listed in Sections 1.2 and 9, if applicable, the following deviations or deletions to the ASTM standard were made during this Phase I ESA:

- Heavy native vegetation limited access to certain areas of the Park; and
- Access to the interior of all buildings was not obtained.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The approximately 350-acre Site is located at 2100 Barton Springs Road in Austin, Travis County, Texas, in a mixed commercial/residential/recreational area. The Site is currently owned by the City of Austin and is a combination of multiple parcels as summarized in the table below. A Site location map is included as **Figure 1**.

Table 2.1 - Parcel Information

Parcel Identification Number	Geo Identification Number	Legal Description
105144	0106050101	ABS 14 SUR 21 HILL H P ACR 59.76
105462	0107060301	ABS 14 SUR 21 HILL H P ACR 4.35
105461	0107060201	ABS 14 SUR 21 HILL H P ACR 11.12
105460	0107060101	ABS 14 SUR 21 HILL H P ACR 18.42
105471	0107070206	ABS 14 SUR 21 HILL H P ACR 101.08
105145	0106080101	ABS 14 SUR 21 HILL H P ACR 20.02
104397	0105080104	ABS 14 SUR 21 HILL H P ACR .88
104396	0105080103	ABS 14 SUR 21 HILL H P ACR 4.02
104395	0105080102	ABS 14 SUR 21 HILL H P ACR 10.0
104394	0105080101	ABS 14 SUR 21 HILL H P ACR 4.18
104254	0104090101	ABS 14 SUR 21 HILL H P ACR 17.8
104391	0105070101	ABS 45 BARTON W ACR 4.97
104149	0104070806	ABS 45 BARTON W ACR 10.37
104392	0105070102	ABS 45 BARTON W ACR .92
104014	0104060102	ABS 8 SUR 20 DECKER I ACR 69.49
104027	0104070101	ABS 45 BARTON W ACR 5.22

2.2 Site Improvements

Current on-site improvements and features are summarized in the following section. A Site features map is included as **Figure 2**.

2.2.1 Buildings

The buildings currently present on the Site are summarized in the table below.

Table 2.2 - Summary of Buildings

Building	Construction Date	Historic/Current Use	Description
Park Ranger/Caretaker's Cottage	Early 1930s	Historically utilized as the residence of the Park caretakers and their families until 2010. Following renovation, the structure is currently utilized as the headquarters for Park Rangers.	Single story limestone masonry building with asphalt shingle roof.
Maintenance Barn	Late 1940s to early 1950s	Reported to have been moved to the Park from Bergstrom Air Force Base. Currently utilized to house tools, equipment, paper goods, and other supplies for Park maintenance and operation support activities.	Sheet metal Quonset Hut with wood frame office area.
Botanical Garden Center Building	1964; Renovated in 1996	Utilized for Garden Club gatherings and as center for the Botanical Garden operations.	Single story limestone rock and wood frame building with asphalt shingle roof.
Taniguchi Tea House	Late 1960s – Early 1970s	Used for gatherings and special events.	Bamboo and Cedar Post structure with thatched roof.
Botanical Garden Blacksmith Shop	Construction date unknown	Constructed with historic structural timber cedar logs and board and batten siding from barn in New Sweden, Texas. Currently a culturally historic structure at Zilker Park and utilized by Central Texas blacksmith groups.	Single story wooden frame and walled structure with wood shingle roof.
Botanical Garden Swedish Cabin	Original Construction circa 1840; relocated to the Park in 1965	Former homestead near Govalle. Now a historic structure at Zilker Park.	Single story log and mortar wall structure with wood shingle roof.
Botanical Garden Esperanza School Building	Original Construction 1866; relocated to the Park circa 1976	Historically used as a school house and other uses. Now a historic structure at Zilker Park.	Single story log and mortar wall structure with wood shingle roof.
Botanical Garden Maintenance Area	Original Construction in the early 1960s with various structures added since that time.	Structures include greenhouses, storage sheds and an administrative office building.	Greenhouses are translucent fiberglass, plastic or plexiglass Quonset hut style construction. Storage sheds and the office building are single story wood frame buildings.

Table 2.2 - Summary of Buildings

Building	Construction Date	Historic/Current Use	Description
Nature Science Center Storage Area	Construction date unknown	Portable storage buildings are located in an area beneath Mopac between the ANSC and the Botanical Garden. The sheds are utilized to store materials and equipment utilized at various locations throughout the ANSC and Nature Preserve area of the Park.	Storage sheds are single story wood frame buildings.
Austin Nature & Science Center	1982	Utilized for youth educational programs, events, and activities. Indoor and outdoor areas with recreational activities and wildlife habitats.	Three single story limestone rock and wood frame buildings with sheet metal roofs.
Ashford McGill House/Zilker Park Refectory	Circa 1870	Original homestead for Ashford McGill. Renovated/restored/added onto in 1934 by the Civil Works Administration under the direction of architect Charles Henry Page. Subsequently used for storage, concessions, and as an alternative residence for Zilker Park managers. Currently houses the Nature's Way Preschool.	Single story limestone rock and wood frame building with asphalt shingle roof.
Charles Page Zilker Clubhouse	1934	Historically used by the Boy Scouts for meetings and activities; currently used for gatherings and special events (weddings, parties, receptions, etc.)	Single story ranch style limestone rock building with asphalt shingle roof.
Pistol Range Building	1920s	Converted to restrooms in the late 1930s; Currently unused due to safety concerns. Site representatives indicated that renovation is planned.	Single story block/rock building with Spanish Tile roof.
McBeth Recreation Center	Building 1 – 1958 Building 2 - 1960	Historically utilized as the headquarters of the Knights of Columbus State Council from 1960 through 1985. Utilized by the City since 1986 to house year-round youth and adult programs for the citizens of Austin with differing abilities.	Two one story brick masonry buildings with flat, built-up roofs.

Table 2.2 - Summary of Buildings

Building	Construction Date	Historic/Current Use	Description
Girl Scout Hut	1934	Historically and currently used by the Girl Scouts for meetings and activities; can be rented by the public for use.	Single story ranch style limestone rock building with asphalt shingle roof.
Sunshine Camp/Zilker Lodge	2018	Indoor and outdoor space used for summer youth camps and activities as well as the general public for gatherings and special events (arts and crafts fairs, showers, celebrations, parties, company picnics, reunions, weddings, etc.).	Two story stone and wood building with metal roof, with five meeting rooms, commercial kitchen, bunkrooms with 120 beds, restrooms and showers, covered pavilion, and outdoor event space.
Barton Springs Bathhouse	1947	Historically and currently utilized as restroom, showers, and changing rooms for the general public before and after swimming in Barton Springs Pool.	Single story limestone masonry structure with tar and rock built-up roof.
Zilker Café	1960	Historically utilized to sell concessions for Barton Springs Pool and Zilker Park. Operations terminated in 2016 with renovations currently underway. Renovations are expected to be completed by the end of 2019.	Single story limestone and wooden structure with flat, built-up roof.

2.2.2 Other Site Improvements

Other improvements at the Site are summarized in the table below.

Table 2.3 - Summary of Other Site Improvements

Site Feature	Description
Exterior areas	<p>There are several asphalt paved parking areas throughout the Park. The former Butler Landfill is located in the northeast portion of the Park and runs parallel to Lady Bird Lake. The landfill is reportedly capped with clay, grass, gravel, and asphalt. The grass and gravel area south of Mopac is utilized for overflow parking and staging for special events (Austin City Limits [ACL] Music Festival, Trail of Lights, etc.) while the area north of Mopac is utilized as the Bone Yard by Park maintenance personnel. The asphalt-paved area beneath Mopac is used for parking for the ANSC. The Polo Fields are also utilized for overflow parking during special events.</p> <p>The Great Lawn, Rugby Field, Polo Fields, and softball fields are covered in grass and are maintained as open areas by Park staff. Irrigation water for the Great Lawn, Rugby Field, and Polo Fields is provided through an irrigation system using water drawn from Lady Bird Lake. A disc golf course is located to the west of the Polo Fields and volleyball courts are located on the northeast side of the Great Lawn. The Zilker Botanical Garden is a mixture of gardens and native vegetation.</p> <p>The Park area to the north of Mopac and west of Stanford Drive is largely native vegetation (aka Zilker Nature Preserve) with the ANSC complex, the Zilker Clubhouse, the Ashford McGill House and the former Pistol Range. The Zilker Hillside Theater and Barton Springs Pool are in the southern portion of the Park with a combination of trees and grassy areas. The remainder of the Park is covered by native vegetation.</p> <p>An area at the northwest portion of the Park is currently used as the Bone Yard. The area is used for storage of surplus materials; park equipment (benches, signs, trash receptacles); stockpiling of soil, weathered granite gravel, rocks, brush, trees, asphalt removed from roadways and parking areas, and other debris; trash dumpsters for park wastes; surplus electric powered carts and small vehicles; and surplus lawn-maintenance equipment (tractors and mowers).</p>
On-site roads/rail lines	<p>Barton Springs Road runs east to west through the central portion of the Site and terminates at Mopac Express Way (Mopac). Mopac bisects the northwestern portion of the Park. Lou Neff Road encircles the majority of the Great Lawn. Stratford Drive runs along the eastern and northern perimeter of the Botanical Gardens, continues to the northwest under Mopac, and exits the Site to the northwest into Rollingwood Drive. Zilker Clubhouse Road runs along the northwestern boundary of the Site from Rollingwood Drive to the Zilker Clubhouse. Rollingwood Drive runs through the southwestern portion of the Site on the south side of the Pistol Range. William Barton Drive, Andrew Zilker Road and Columbus Drive are in the southern and southwestern portion of the Site. Azie Morton Road runs along the southern portion of the Site.</p> <p>Apart from the Zilker Zephyr Train (a propane-fueled miniature train within the Park), there are no true rail lines within the Site boundary.</p>

Table 2.3 - Summary of Other Site Improvements

Site Feature	Description
Other large equipment	Tractors, zero-turn mowers, Gators and carts are utilized by Maintenance Staff throughout the Site. This equipment is staged at the Maintenance Barn. Surplus equipment is staged at the Boneyard. A 15 to 20 kilowatt (kW) natural-gas fired emergency power generator is located on the south side of the Barton Springs Salamander hatchery building at the ANSC.
Potable water supply	City of Austin supplies drinking water to the entire Site. Irrigation water for the Great Lawn, Rugby Field, and Polo Fields is provided through an irrigation system using water drawn from Lady Bird Lake. According to PARD staff, the point of water withdrawal from Lady Bird Lake is east of the Mopac Bridge to the north of the central portion of the Butler Landfill area. The water supply piping for the irrigation system runs below ground across the southern portion of the Butler Landfill area to the west end of the Great Lawn. A new irrigation system which includes automatic mixing of liquid fertilizers into the water was nearing completion at the west end of the Great Lawn at the time of the Site reconnaissance.
Sewage disposal system(s)	City of Austin
Heating/Cooling system fuel source(s)	Electric, Natural Gas or Propane (A propane storage tank was observed at the Zilker Clubhouse).
Back-up fuel source(s)	N/A
Electricity supplier(s)	City of Austin
Stormwater system	Stormwater in the portions of the Site that are north and west of Mopac and to the northwest of the Sunshine Camp generally flows to Eanes Creek and then to Lady Bird Lake. Stormwater in the portions of the Site that are south of Mopac and west of Barton Springs Road and south of the Sunshine Camp generally flows to Barton Creek and then to Lady Bird Lake. Stormwater in the portions of the Site north and east of Barton Springs Road generally flows to Lady Bird Lake or to Barton Creek and then to Lady Bird Lake. A stormwater detention pond is present on the east side of the former Butler Landfill.

2.3 Current and Historic Site Use

2.3.1 Current Site Use(s)

The approximately 350-acre Site is currently operated by PARD as a multi-use year-round recreational community park. Park amenities include Barton Springs Pool, Zilker Hillside Theater, Zilker Zephyr (miniature train), Zilker Lodge (Sunshine Camp), Girl Scout Hut, McBeth Recreation Center, ANSC, Zilker Clubhouse, Zilker Botanical Gardens, hiking trails, Disc Golf Course, Volleyball Courts, and picnic areas. The various community activities hosted at the Site include the ACL Music Festival, Trail of Lights and large Christmas Tree, Kite Festival and summer youth camps. Park activities are coordinated, maintained and supported through the Park Rangers and PARD maintenance and service staff.

2.3.2 Previous Owner and Operator Information

Based on information provided by the User (Section 3), the historical record review (Section 4), and/or interviews conducted during this Phase I (Section 6), historical ownership and operational information for the Site is summarized below. Specific references are included in Section 4.3.

This area between the confluence of Eanes Creek and Barton Creek with the Colorado River has been occupied and utilized for several thousand years. Early Native Americans, explorers and settlers found the area to be a prime location for hunting, gathering, fishing, grazing and farming activities. The area was occupied in the early 18th century by Spanish missionaries with Anglo-American settlers arriving in the early 19th century. In 1838, William Barton staked his claim on the primary spring lands and built a cabin on the southern bank of what is now known as Barton Creek. Through the mid to late 1800s, others also settled near the springs and the area was used for industrial, agricultural and recreational purposes. Several mills were constructed and operated along Barton Creek until the late 19th century. Several stone dams were constructed which created pools for swimming as the area gained in popularity with recreational bathers. Clay was quarried from the western bank of the Colorado River through the early 1900s and transported by a mule-driven cable conveyor system across to the Butler Brick Company factory on the east side of the river near the present-day location of Austin High School. The clay quarry was then operated by the City of Austin as a landfill from 1948 to 1967. Although operated exclusively for municipal waste, it is reported that access was uncontrolled and wastes from other sources may have been deposited in the landfill.

In the early 1900s, Austin businessman Andrew J. Zilker began acquiring much of the land that makes up the current footprint of Zilker Park, including Barton Springs. Beginning in 1917, Mr. Zilker and his wife began donating land to the Austin School System with the stipulation that the City of Austin purchase the land from the school system to be used as a community park. Through these transactions, funding for the school system was established. The land around and including Barton Springs was the first area donated and subsequently sold to the City of Austin. This area was then developed by the City as the Barton Springs Pool and Bathhouse. In the 1930s, the Zilkers transferred ownership of additional land to the Austin School System under the same stipulation. Through these transfers, the 350-acres of land for Zilker Park was acquired by the City.

The overall development plan for Zilker Park was designed by architect Charles H. Page in 1933. Mr. Page also secured support and funding for the development of the Park from the Civil Works Administration (CWA). CWA personnel constructed the entrance gate, a wooden bathhouse facility, the Boy Scout Hut (now known as the Zilker Clubhouse) and the Girl Scout Hut. As part of President Roosevelt's New Deal, Civilian Conservation Corps (CCC) Company 1814 moved into the Park and assisted with additional construction activities. CCC Company 1814 laid out roads, cleared land, and constructed picnic tables, barbecue pits and the two light standards at the entrance to Barton Springs Pool, all of which remain and continue to be used. The National Youth Administration (NYA) also assisted with Park construction between 1936 and 1938 through cleaning up and repairing damage to the Park caused by floods in 1935 and 1936. Construction of the current Zilker Bathhouse was completed in 1947 and served to replace the former bathhouse that was damaged by these floods.

The Zilker Botanical Garden was established by several local garden clubs in the late 1950s and early 1960s. Mr. Isamu Taniguchi added a Japanese Garden to the Botanical Gardens in the late 1960s to early 1970s. Historic structures (e.g. The Swedish Cabin, the Esperanza School Building, etc.) were moved to the Botanical Gardens from other Austin locations in the 1960s and 1970s.

The Pistol Range was utilized by the Austin Police Department and local citizens as a firing range for pistols and rifles as well as a skeet shooting range for shotguns from the late 1930s to the mid-1980s. Pistol and rifle shooting stations were situated on the southeast side of the area with shooting toward targets located at soil berms to the north. The skeet range was located in the western portion of the area. Clay pigeons were released from a tower on the west side with shotguns fired to the northeast, north, and northwest at stations along a semi-circle to the east of the tower. A rock building was constructed on the south side of the Pistol Range in the 1930s and has a restroom on the east and west ends and a central storage area between the two restrooms. The building is currently inaccessible due to structural issues and safety concerns.

The ANSC operations were moved from the former Deep Eddy Bathhouse on the east side of Lady Bird Lake to their current location in 1982. A building which houses a salamander hatchery is located to the

east of the Science Center Building. The Science Center grounds include ponds and outdoor habitats for a variety of animals. A building which houses the captive breeding program for the Barton Springs Salamander is also located at the Science Center. The area is the former homestead of Andrew McGill whose home was converted to the Zilker Refectory and is currently utilized as Nature's Way Preschool.

The McBeth Recreation Center buildings were donated to the City of Austin by the Knights of Columbus in the mid-1980s. The buildings were constructed by the Knights of Columbus and utilized as their headquarters until donated to the City.

2.4 Physical Setting

According to the United States Geological Survey (USGS) topographic map, Austin West, Texas quadrangle dated 2013 (**Figure 1**), the Site is bordered by Lady Bird Lake (the Colorado River and formerly known as Town Lake) to the north and east. Barton Creek flows through the southern portion of the Site and Eanes Creek flows through the western section on the north side of Mopac. The Site topographic elevation ranges from 623 to 428 feet above mean sea level (MSL). Topography varies throughout the Site with general topographic downward slopes observed to flow toward Eanes Creek, Barton Creek and Lady Bird Lake. Based on local topography and historical environmental reports provided to TRC, the assumed direction of shallow groundwater is generally expected to flow toward Eanes Creek, Lady Bird Lake or Barton Creek and will vary depending on the location within the Site. A subsurface investigation would be required to determine actual groundwater flow direction.

The database radius report supplied by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut was reviewed to obtain information regarding the dominant soil composition in the Site vicinity. This information is summarized below:

Hydric Status:	Unknown
Soil Surface Texture:	Very stony clay/clay loam/variable/fine sandy loam/clay/ silty clay loam/gravelly sandy loam/silty clay
Soil Component Name:	Tarrant/Volente/Urban Land/Hardeman/Patrick/ Bergstrom/ Travis/Cut and fill land
Deeper Soil Types:	Edwards Limestone Bedrock

Please refer to the Geotcheck Physical Setting Source Summary of the EDR report presented in **Appendix A** for further information regarding the soil composition in the vicinity of the Site.

According to EDR, portions of the Site in the vicinity of Barton Creek and Eanes Creek are within the 100-year Federal Emergency Management Agency (FEMA) flood zone. Similarly, in areas bordering Lady Bird Lake and the creeks, the Site is in the 500-year FEMA flood zone. According to the Texas Commission on Environmental Quality's (TCEQ's) Edwards Aquifer Viewer, the north and western portions of the Site (approximately two thirds) are within the Edwards Aquifer Recharge Zone, while the remainder of the Site is within the Edwards Aquifer Transition Zone.

3.0 USER PROVIDED INFORMATION

According to the ASTM E 1527-13 standard, certain tasks that may help identify the presence of RECs associated with the Site are generally conducted by the Phase I ESA User. These tasks include: providing or authorizing the *environmental professional* to obtain recorded land title records for environmental liens or activity and land use limitations (AULs); providing specialized knowledge related to RECs at the Site (e.g., information about previous ownership or environmental litigation); providing commonly known or *reasonably ascertainable* information within the local community about the *property* that is material to RECs in connection with the *property*; and informing the *environmental professional* if, as believed by the User, the purchase price of the *property* is lower than the fair market value due to contamination. A list of requested information and a User Questionnaire was included in TRC's proposal (see Section 1.1). Although a completed User Questionnaire was not returned, the User provided information material to identifying RECs at the Site through other means. Information provided by the User pursuant to that request is listed in Sections 4.3 and 8.0.

3.1 Title & Judicial Records for Environmental Liens or Activity and Use Limitations (AULs)

In addition to reviewing the EDR report (discussed in Section 4.2), title records provided by the City and the Travis County Land Records on-line database were reviewed for information regarding environmental liens and AULs for the Site. No evidence of environmental liens or AULs associated with the Site were identified.

However, although not covered under the ASTM standard, it's important to note that Barton Springs is the only known habitat for the Barton Springs salamander. The Barton Springs salamander was listed by the U.S. Fish and Wildlife Service and the Texas Parks and Wildlife Department (TPWD) as an endangered species in 1997. According to the TPWD, the salamander relies on clear, pure water flowing from Barton Springs. Potential impacts to water quality such as urban runoff, increased development in the Barton Creek watershed, and the risks of a toxic chemical spill or sewer line breakage in the urban zone surrounding Barton Springs continue to be a risk to the salamander. From 1970 to 1992, a sharp drop to the species population was observed due to certain pool maintenance practices which were harmful to the salamander and aquatic plants. Pool maintenance practices were changed and aquatic plant restoration efforts by the City of Austin Environmental and Conservation Services Department in the deep end of the pool have served to restore the salamander's habitat in Barton Springs Pool and the surrounding springs. As a result, the salamander has expanded into its former range. According to TPWD, swimming in Barton Springs Pool does not pose a threat to the salamander or it's habitat. However, entry into the area in and around Eliza Springs and the Sunken Garden remains restricted to authorized personnel only in order to restore and preserve habitat for the salamander.

3.2 Specialized Knowledge

The User was aware of and provided specialized knowledge related to the history, RECs, and other items of note at the Site. Information provided by the User and used during this Phase I ESA has been summarized in Sections 4.3 and 8.0 and has been incorporated in this report as applicable.

3.3 Property Value Reduction Issues

The use of the Site is for public park land. Therefore, property valuation reduction issues are not a concern and are not applicable under this Phase I ESA.

3.4 Commonly Known or Reasonably Ascertainable Information

TRC was supplied with commonly known and/or reasonably ascertainable information regarding the Site by the City of Austin Parks and Recreation, Watershed Protection, Development Services, and Real

Estate Departments. This information was used during this Phase I ESA and has been incorporated in this report as applicable.

3.5 Reason for Conducting Phase I

It is TRC's understanding that the User requires a Phase I ESA in anticipation of future renovations planned for various areas throughout Zilker Park.

4.0 RECORDS REVIEW

4.1 Historical Use Information

Information regarding Site and vicinity historical uses was obtained from various publicly available and practically reviewable sources including:

- Aerial photographs (scale: 1" = 875') dated 1940, 1951, 1966, 1973, 1981, 1988, 1995, 2005, 2008, 2012, and 2016;
- Topographic maps dated 1896, 1897, 1910, 1932, 1954, 1955, 1958, 1959, 1966, 1973, 1988, and 2013;
- City directories dated 1896, 1901, 1906, 1911, 1916, 1922, 1929, 1935, 1940, 1947, 1953, 1958, 1962, 1965, 1970, 1975, 1980, 1984, 1990, 1996, 2002, and 2007;
- Local municipal records;
- An environmental database report; and
- Interviews with Site representative(s) and regulatory agency official(s), as necessary.

Historical research documentation is included in Appendix B.

Historical Sanborn® Fire Insurance Maps (Sanborn Maps) were originally produced for assessing fire insurance liability in urban areas in the United States. The maps provide detailed information (i.e., building construction, facility occupants, storage tank locations, and hazardous material storage areas), which can be used as a resource to document land use and structural change over time. Research concerning the availability of Sanborn Maps in the vicinity of the Site was conducted by EDR; however, EDR stated that Sanborn Map coverage does not exist for the Site or nearby surrounding area. The absence of maps for a specific area may signify the area was not significantly developed at the time at which the maps were published.

4.1.1 Site History

Operational History

The operational history of the Site, adjacent and surrounding properties is summarized below utilizing information gathered and interpreted from the EDR historical use documents as well as documents listed in Section 4.3 and Section 8.

Table 4.1 - Site, Adjacent, and Surrounding Property History

Year	Site History
1896-1910	The Site is developed with several roads and several small buildings. According to the Austin History Center, Austin Public Library, the land was owned by Mr. Andrew Jackson Zilker, and was operated as ranch land. The Colorado River (a Town Lake and Lady Bird Lake following the completion of the construction of Longhorn Dam in 1960) is adjacent to the north and east beyond which appears more condensed residential development as well as a railroad to the northeast and southeast. Barton Creek Runs through the southern portion of the Site towards the Colorado River. The adjacent and surrounding areas to the southwest, south, east, and northeast appear only lightly developed and in use for agricultural purposes.

Table 4.1 - Site, Adjacent, and Surrounding Property History

Year	Site History
1918, 1923, 1931, and 1934	Mr. Zilker gifted 40-acres of his Ranch, which included Barton Springs pool/swimming hole located on Barton Creek, in four separate portions to the city with the intent of benefitting schools and the community. The city enlarged the pool and surrounding sidewalks in the 1920s. Two bath houses, and a two-story building were constructed in 1922. The final portion of the 40-acre ranch gifted in 1934 is the location of the present-day Girl Scout Hut and the entirety of the land was officially named Zilker Park that same year.
1935	In the spring of 1935, Austin and surrounding cities received a record number of inches of rain, which flooded the Colorado and surrounding rivers. The bath houses and two-story wooden structure constructed in 1922 were destroyed in this flood.
1940	Barton Springs Road, Stratford Drive, Lou Neff Road, Azie Morton Road, Lou Neff Road, Stafford Drive, William Barton Drive, Columbus Drive, and Andrew Zilker Road have been constructed. A small parking area can be seen on the northeast side of Rock Island, adjacent to the Colorado River. A baseball field is located just south of Barton Springs Road, in the area of present-day Sunshine Camp. Activity can be seen in the areas of the present-day Zilker Botanical Garden and Zilker Nature Preserve on the northern portion of the Site. The Pistol Range has been constructed on the western portion of the Site. A building and semi-circle are visible in the western portion of the Pistol Range. A structure and small building are visible on the south side of the eastern portion of the Pistol Range. Scarification is present on the Site on the area beyond Stratford Drive to the Northeast, and in the area of the present-day Taniguchi Tea House. A small building is located in the area just north of the present-day Barton Springs South Gate parking area. This area also appears to have two small baseball fields. An additional building is present just northeast of the pool (former caretaker's cabin/present day park rangers' cabin). Adjacent and surrounding areas to the northwest appear undeveloped. Roadways are present to the west, but no structures are visible. What appears to be a gravel pit is located adjacent to the Site to the south, beyond which there is little development. Beyond the Colorado River and to the northeast, an area appears scarified and in use as a quarry or borrow pit, beyond which is residential/commercial development. Residential development appears in the surrounding area to the southeast and northeast.
1946-47	The current limestone building associated with the Barton Springs Pool is constructed.
1948	The City of Austin begins disposal of waste materials in the Butler Landfill, located in the northwestern portion of Zilker along the west bank of Lady Bird Lake (formerly known as Town Lake).
1951	A structure and building are visible on the south side of the eastern portion of the Pistol Range with a structure or wall midway between the structures and northern boundary. A wall appears to separate the western and eastern portions of the Pistol Range. The adjacent and surrounding area to the northeast now has gridded roads and some residential development. A baseball field has been constructed adjacent to the Site to the southeast, beyond which residential development has increased. Areas to the west and south remain largely undeveloped.

Table 4.1 - Site, Adjacent, and Surrounding Property History

Year	Site History
1954, 1955, 1958, 1959	The Site remains as Zilker Park. Adjacent and surrounding areas are residential to the northwest, undeveloped to the west, a gravel pit and residential to the south, a ball park to the east, and commercial/ residential beyond the Colorado river to the north and northeast. The area just northeast of the Site beyond the Colorado River which appeared scarified in the 1940 Aerial, is now labeled as having a water tank, ball park, depot, and power plant. Lamar Boulevard is featured to the southeast.
1960	Construction of Longhorn Dam is completed. The pool level of the Colorado River is raised approximately five feet and is now referred to as Town Lake.
1966	The Site remains Zilker Park. Parking lots associated with the South Gate Barton Springs entrance area have been constructed. Baseball diamonds to the east and west of that parking lot have also been added. The previous baseball diamond located in the present-day area of Sunshine Camp is no longer featured. A building or buildings are located in the area of the present day McBeth Recreation Center. Adjacent and surrounding areas to the northwest of the Site have grown residentially and are now labeled as Rollingwood. The adjacent and surrounding areas to the west still appear largely undeveloped. The adjacent property to the south remains a gravel pit, beyond which is residentially developed. The adjacent and surrounding area to the southeast, and north and northeast across the Colorado River, are wholly residentially and commercially developed.
1967	The City of Austin ceases use of the Butler Landfill.
1973	A portion of Mopac Boulevard has been constructed on the Site; south of the Zilker Nature Preserve but north of the Zilker Botanical Garden. The building and semi-circle in the western portion of the Pistol Range is no longer apparent. The eastern portion of the Pistol Range appears similar to previous photos. It appears another structure has been added just east of the caretaker's cabin on the Site (present day Parks and Recreation maintenance and lay-down yard). The adjacent property to the east, formerly a baseball diamond, is now labeled as Butler Park, Trailer Park, with several small buildings. The remaining adjacent and surrounding areas have increased residential and commercial development.
1981	Two parking areas have been constructed just northeast of the Barton Springs Pool, and two to the north and northeast of the pool, along Andrew Zilker Road. An additional parking area has been constructed just northeast of Barton Springs Road on Lou Neff Drive. A new building has been constructed on the Site off a drive located on Andrew Zilker Road and to the south. Mopac Boulevard has been expanded west and to the northeast of the Site, where commercial development has expanded. The former gravel pit, located adjacent to the Site and to the south, is no longer featured. Austin High School has been constructed on the eastern portion of the former scarified area to the northeast on the eastern bank of Lady Bird Lake. The surrounding areas remain residential and commercial.

Table 4.1 - Site, Adjacent, and Surrounding Property History

Year	Site History
1988-2013	By 1995, additional structures are apparent in the central portion of the Pistol Range with the structure on the south side of the eastern portion no longer apparent. By 2008, additional structures are present on the north end of the western portion and in the eastern portion of the Pistol Range. By 2012, several material stockpiles are visible on the western portion and only two structures remain on the eastern portion of the Pistol Range. A large volleyball sand pit and parking area has been constructed on the northern portion of the Great Lawn area on the Site. The baseball diamonds located south of the Barton Springs Pool and west of the South Gate Barton Springs parking lot area are no longer featured. The one east of the parking lot remains. Adjacent and surrounding areas remain residential and commercial.
2016	The Site remains Zilker Park. The area north of Lou Neff Road, Stratford Drive, and underneath Mopac Expressway Way is now used as parking and lay-down for projects. The Great Lawn is often occupied with temporary buildings for community events and concerts. The stockpiles are no longer apparent on the western portion of Pistol Range. The adjacent and surrounding areas remain residential and commercial.

Hazardous Substances

Hazardous substances including raw materials; finished products and formulations; hazardous wastes; hazardous constituents and pollutants including intermediates and byproducts that were historically present at the Site include materials which may have been deposited in Butler Landfill, lead ammunition at the Pistol Range, and fertilizers, pesticides and herbicides at the Maintenance Barn. According to Site personnel, historic use of fertilizer, pesticides and herbicides has been limited and conducted in accordance with manufacturer instructions and application rates. Current hazardous substances and petroleum products observed during the Site reconnaissance - including unidentified substance containers (when open or damaged, and containing unidentified substances suspected of being hazardous or petroleum products) are discussed in Section 5.2.

4.2 Database Report & Environmental Record Review

A database search report that identifies properties listed on state and federal databases within the ASTM-required radii of the Site was obtained from EDR and is included in Appendix A.

The environmental database report identified 38 properties/listings including the Site and adjoining properties. These properties included those that could be mapped and those that could not (i.e., orphan properties).

4.2.1 Subject Site

Site information included in the database search report is summarized in the tables below. Section 4.3 contains additional information on the Butler Landfill, historical Pistol Range, and USTs.

Site Facility Name(s) and/or Listed Address(es)	Zilker Park Maintenance 2221 Barton Springs Rd.
EDR Map No(s).	A1
Database(s)	Underground Storage Tank (UST)
Description/ID No(s).	UST ID No. 18158
Database Review Summary	This site is currently inactive in the Texas Commission on Environmental Quality (TCEQ) UST database. There was one 560-gallon single wall steel tank installed in 1966. The tank was removed from the ground in 1994. This address is not listed on the Leaking Underground Storage Tank (LUST) database. No additional pertinent information is provided.

Site Facility Name(s) and/or Listed Address(es)	Zilker Park Railroad 2201 Barton Springs Rd.
EDR Map No(s).	A2
Database(s)	UST
Description/ID No(s).	UST ID No. 15424
Database Review Summary	This site is currently inactive in the TCEQ UST database. There was one 1,000-gallon single wall steel tank installed in 1963 that had previously stored Gasoline. The tank was removed from the ground in 1994. This address is not listed on the LUST database. No additional pertinent information is provided.

Site Facility Name(s) and/or Listed Address(es)	Butler Landfill S Side of Town Lake in Zilker Park at Mopac Bridge
EDR Map No(s).	3
Database(s)	Capital Area Council of Governments Landfill Inventory (CAPCOG LI)
Description/ID No(s).	S118454905
Database Review Summary	The CLI Database documents permitted and unpermitted landfills in Bastrop, Blanco, Burnet, Caldwell, Fayette, Hays, Lee, Llano, Travis, and Williamson Counties. The area south of Lady Bird Lake (formerly known as Town Lake) at the Mopac bridge (see Figure 2) was opened by the City of Austin for municipal waste in 1948 and closed in 1967. The maximum depth is listed as 30 feet. No additional pertinent information is provided in the EDR Report.

4.2.2 Adjoining & Surrounding Property Record Review

TRC evaluated the following factors to determine whether additional environmental records should be reviewed with respect to the potential for contaminant migration from the adjoining and surrounding properties:

- (1) Whether the property is up-gradient or down-gradient of the Site with regard to ground water migration based on the local topography, the assumed ground water depth, and [north northeast, east, and southeast towards the Colorado River and Barton Springs] shallow ground water flow direction;
- (2) Whether the property is up-gradient or down-gradient of the Site with regard to vapor migration based on readily available information pursuant to the ASTM E 1527-13 standard including soil and geological characteristics; contaminant characteristics; contaminated plume migration data; and conduits that might provide preferential pathways for vapor migration such as major utility corridors, sanitary sewers, storm sewers, and natural conduits such as Karst terrain (vapor migration may also be influenced by the age and design of infrastructure features associated with these conduits);
- (3) Property case status (i.e., whether the TCEQ or applicable regulatory authority has issued a No Further Action letter or other similar closure document);
- (4) Type of database and whether the presence of contamination is known; and
- (5) The distance between the listed property and the Site.

Based on this evaluation, TRC limited the review of additional environmental records to the properties listed below, since the potential for contamination to be migrating to the Site from the other properties identified by the database search is considered low.

4.2.2.1 Adjoining Properties

Adjoining property information included in the database search report is summarized in the following table(s):

Site Facility Name(s) and/or Listed Address(es)	Star Brite Cleaners, Kens Coin Laundry 1218 Barton Hills Dr.
EDR Map No(s).	B4, B5
Database(s)	Dry Cleaners, EDR Historic Cleaner
Description/ID No(s).	RN108723297
Database Review Summary	This property is currently registered and active as a drop station. Site previously known as Royal Touch Cleaners from 1984 to 1998, Giesecke and Nelson Inc. from 1999 to 2000, and presently Star Brite Cleaners since 2009.

Site Facility Name(s) and/or Listed Address(es)	7-Eleven 16175 1220 Barton Hills Dr.
--	---

EDR Map No(s).	B6
Database(s)	Leaking Petroleum Storage Tank (LPST), UST, Dry Cleaners
Description/ID No(s).	LPST ID 104738; UST No. 18511, 18512, 18513; RN103958898
Database Review Summary	This property is listed in the LPST database for soil contamination. Site investigation required full site assessment & Remedial Action Plan (RAP). Corrective action (CA) status reported as final concurrence issued and case closed in 1992. The UST database reports facility as inactive and the three 10,000-gallon tanks, previously storing gasoline, were removed from ground in 1992. The Dry Cleaners database reports the facility as an active drop station through 2014. According to the TCEQ Dry Cleaners database, the dry cleaners registration is inactive.

Site Facility Name(s) and/or Listed Address(es)	Former Gross Chemical 1806 Barton Springs Rd.
EDR Map No(s).	7
Database(s)	Industrial Hazardous Waste (IHW) Corrective Action
Description/ID No(s).	T2294
Database Review Summary	This property is reported as inactive in the IHW corrective action database since 2008. No other environmental information is provided. A review of the TCEQ CA database shows that a limited subsurface investigation was conducted and approved by the TCEQ in 2008.

Based on the above listings and a review of TCEQ databases, information to indicate that a release occurred at the adjoining properties which has not received final closure, or which may pose a potential for environmental impairment to the Site was not identified. Therefore, no subsequent file review of these properties was conducted.

4.2.2.2 Surrounding Properties

Surrounding property information included in the database search report is summarized in the following table(s):

Site Facility Name(s) and/or Listed Address(es)	Austin Testing Engineers 2600 Dellana Ln.
Approximate Location Relative to Site	0.134-mile to the West
EDR Map No(s).	C12, C13
Database(s)	Resource Conservation and Recovery Act (RCRA) Non-Generator / NLR, FINDS, ECHO, Industrial Hazardous Waste (IDW)

Description/ID No(s).	US EPA ID TXD981151160
Presumed Hydrogeologic Setting	Up-gradient
Database Review Summary	Site reported in the RCRA NonGen, FINDS, ECHO, and IDW databases as being a historical and current non-generator of hazardous waste. Historical waste codes included D000 (not defined), F002 (spent halogenated solvents), and U226 (ethane and methyl chloroform). No violations were identified.

Site Facility Name(s) and/or Listed Address(es)	Gran3 FRB Austin 1701 Toomey Rd.
Approximate Location Relative to Site	0.152-mile to the east-southeast
EDR Map No(s).	D14
Database(s)	LPST, UST
Description/ID No(s).	LPST ID No. 95788, UST No. 53538, CN603698077
Presumed Hydrogeologic Setting	Cross-gradient
Database Review Summary	This property is listed in the UST database and indicates that a single wall steel UST used for fleet refueling was removed from the ground in 1990. The LPST database shows that impacted groundwater was discharged to surface water used by human and endangered species. Final concurrence was issued, and the case was closed in 2005.

Site Facility Name(s) and/or Listed Address(es)	Tastex Snacks 1623 Toomey Rd.
Approximate Location Relative to Site	0.171-mile to the East-southeast
EDR Map No(s).	D15
Database(s)	LPST, UST
Description/ID No(s).	LPST No. 99396, CN60077831, UST ID 31197
Presumed Hydrogeologic Setting	Cross-gradient
Database Review Summary	Inactive facility status and facility type listed as Industrial/Manufacturing/Chemical Plant in the UST database. One gasoline UST of non-reported capacity was installed in 1987 and removed from the ground in 1995. The Site is identified in the LPST database with a start date of 1991 as part of the State Lead program with priority due to potential impact or threat to drinking water aquifer or water well. Final concurrence was issued, and the case was closed in 1995.

Facility Name(s) and/or Address(es)	Wind Ridge Apartments 1300 Spyglass Drive
Approximate Location Relative to Site	0.405-mile to the West-southwest
EDR Map No(s).	28
Database(s)	VCP
Description/ID No(s).	Facility ID 2066
Presumed Hydrogeologic Setting	Up-gradient
Database Review Summary	Facility entered the Voluntary Clean-up Program (VCP) in 2007 as an apartment complex with total petroleum hydrocarbon (TPH) contamination in soils of about 9.47 acres. Site included in Texas risk Reduction Program (TRRP). A Final Certificate of Completion was issued in 2009.

Facility Name(s) and/or Address(es)	Scoring Solutions Gulf 803 Barton Boulevard
Approximate Location Relative to Site	0.10-mile to the southeast
EDR Map No(s).	9
Database(s)	EDR Hist Auto
Description/ID No(s).	NA
Presumed Hydrogeologic Setting	Cross gradient
Database Review Summary	This property is list on the EDR Hist Auto database as having been a gasoline service station from 2011-2012. No violations or spills are reported.

Facility Name(s) and/or Address(es)	Hartkopf Gar Auto 413 Sterzing Street
Approximate Location Relative to Site	0.10-mile to the East-southeast
EDR Map No(s).	10
Database(s)	EDR Hist Auto
Description/ID No(s).	NA
Presumed Hydrogeologic Setting	Cross gradient
Database Review Summary	This site is list on the EDR Hist Auto database as having been an automobile repair shop in 1962. No violations or spills are reported.

Facility Name(s) and/or Address(es)	Jenkins Serv Sta 1732 Barton Springs Road
Approximate Location Relative to Site	0.118-mile East-southeast
EDR Map No(s).	11
Database(s)	EDR Hist Auto
Description/ID No(s).	N/A
Presumed Hydrogeologic Setting	Cross-gradient
Database Review Summary	This site is list on the EDR Hist Auto database as having been a gasoline station in 1953 through 1958. No violations or spills are reported.

Based on the above listings and a review of TCEQ databases, information to indicate that a release occurred at the surrounding properties which has not received final closure, or which may pose a potential for environmental impairment to the Site was not identified. Therefore, no subsequent file review of these properties was conducted.

4.3 Previous Reports

The following environmental reports regarding the Site were provided for TRC's review by the PARD:

- 1936, File # 681, Parks Travis County District 9 Bibliography, City Recreation Department – Austin, Prepared by Mrs. Irene Dietrich – P.W.
- 1939, June, Major Texas Flood of 1935, Prepared by the United States of the Interior, Ickes, Harold L.
- Circa 1940s, Photographs of the Skeet and Pistol Range, Provided by the City of Austin PARD.
- 1984, November, Landfills in the Vicinity of Austin, Texas, Prepared by Underground Resource Management.
- 1986, May through 1992, December, City of Austin Hazardous Materials Storage and Registration Ordinance Tank/Line Test Data Sheets for one 500-gallon and one 1,000-gallon UST, Prepared by various City of Austin Inspectors.
- 1991, July, Hazardous Materials Permit Application – Materials Management Plan, City of Austin Environmental and Conservation Services Department, General Information on Underground Storage Tank (UST) Location for one 1,000-gallon UST, Prepared by Charles Beall, President of Zilker Eagle, Inc.
- 1991, August, Hazardous Materials Permit Application – Materials Management Plan, City of Austin Environmental and Conservation Services Department, General Information on Underground Storage Tank (UST) Location for one 500-gallon UST, Prepared by Charles Beall, President of Zilker Eagle, Inc.
- 1993, January, Draft Request for Proposal, Zilker Park Maintenance Facility Permanent Closure of Two Underground Storage Tanks, Prepared by the City of Austin Department of Public Works and Transportation
- 1993, June, City of Austin Department of Building Safety, Request for Site Plan Exemption, Zilker Park Maintenance Yard, Install Aboveground Fuel Storage Tank with Containment Less than 1,000 S.F. Impervious Cover, Prepared by Prepared by Marc Childers, City of Austin Fuel Coordinator
- 1994, January, Environmental and Conservation Services Department Underground Storage Tank (UST) System Construction Permit Application, Permanent Closure of Two 500 Gallon Underground Storage Tank Systems, Prepared by Marc Childers, City of Austin Fuel Coordinator
- 1994, April, Environmental and Conservation Services Department Underground Storage Tank Closure Field Inspection Report, Prepared by Erik Harris, City of Austin Environmental and Conservation Services Department
- 1994, September, Tank Removal [Report], City of Austin, 2201 and 2221 Barton Springs Road, Prepared by Moffitt Maintenance, Inc.
- 1998, September, Zilker Park Phase 1, Task 6-Remedial Action Report, Prepared by EMCON
- 1998, October, Zilker Park Phase 1, Task 5-Site Assessment Report, Prepared by EMCON
- 1999, September, Email from Mike Von-Wupperfeld to Rachel Anderson RE: Old Pistol Range.
- 1999, November, Lead in Soil Survey, For Assessment of Potential Lead Contaminated Soil, City of Austin Request No: 990039I, Former Pistol Range, Austin Nature Center, Prepared by HBC Engineering, Inc.
- 2000, January, Improvements to the Adventure Activity Program, A Proposal for the Addition of a Low Ropes Challenge Course, Prepared by the Austin Nature & Science Center.
- 2005, March 2004 Supplemental Assessment, Landfills in the Vicinity of Austin, Texas, Prepared by Geomatrix.
- 2012, August, Zilker Park Cultural Landscape Report, Prepared by Julie D. McGilvray, BA, MLA.

- 2017, December, Environmental Resource Inventory for Zilker Park Austin City Limits Staging Area, Prepared by Atkins.
- 2018, Climbing Wall Cap – 2016 Maps with hand drawn cap outlines, Prepared by the City of Austin PARD.
- 2018, May, Stratford Drive Redevelopment PowerPoint Presentation to Parks and Recreation Board, Prepared by PARD and Atkins.
- 2018, June, Zilker Park – Stratford Lane – Butler Landfill Redevelopment PowerPoint Presentation to Environmental Commission, Prepared by PARD and Atkins.
- 2018, June, Environmental Questions re Zilker-Stratford Staging and Temporary Parking Area, Prepared by City of Austin.
- 2019, January, Responses to Questions from the Zilker Park Working Groups – Zilker Metropolitan Park Butler Landfill, Prepared by PARD and the Watershed Protection Department (WPD).

Information provided in these reports is summarized below and/or elsewhere throughout this report.

Butler Landfill

The Butler Landfill covers approximately 25-acres in an area of Zilker Park bounded on the north by Lady Bird Lake, on the west by Eanes Creek, on the south by Stratford Drive and on the east by Lou Neff Road. The location originally served as a clay quarry for the Butler Brick Factory through the early 1900s. Clay quarried from the western bank of the Colorado River (aka Town Lake now known as Lady Bird Lake) was transported across to the brick factory formerly located near the present-day location of Austin High School on the eastern bank by a mule-driven cable conveyor system. After termination of quarry operations, the location was then operated by the City of Austin as a municipal landfill from 1948 to 1967. It was operated exclusively for municipal waste, but access was uncontrolled, and wastes from other sources may have been deposited in the landfill. The landfill was closed before closure documentation was required and therefore, no records of the types of waste materials disposed at the site were known to exist.

The landfill area is located within the Edwards Aquifer Recharge Zone. Through the completion of Longhorn Dam in 1960, the surface elevation of the Colorado River was raised by approximately five feet creating Town Lake, now known as Lady Bird Lake.

In 1984, Underground Resource Management, Inc. (URM) conducted a study of landfills in the vicinity of Austin, Texas which included the Butler Landfill. The URM study estimated that the landfill held approximately 100,000 cubic yards of refuse and found that it was considered a medium risk for hazardous materials contents due to the date of its closure. The URM study recommended groundwater monitoring.

URM installed one groundwater monitoring well near the southeast end of the landfill in 1984. During drilling, old rags, paper, plastic and a light bulb were observed with the drill cuttings, providing evidence that the well was completed in fill material. Sand and gravel were encountered beneath the fill at 19 feet below grade to the total depth of the well at 26 feet. A groundwater sample collected from the well analyzed for “the standard groundwater constituents” and the EPA Priority Pollutants. According to the URM report, none of the Priority Pollutants were detected in the water sample. The Extraction Procedure (EP) Toxicity for heavy metals including arsenic, cadmium, chromium and mercury were not reported at concentrations above the laboratory detection limits. Lead was reported at a concentration below the EP Toxicity Criteria (the RCRA Hazardous Waste Toxicity Characteristic) for lead. According to the findings in the URM report, hazardous materials were not present in the leachate from the Butler Landfill and there was no indication that leachate from the landfill would severely contaminate ground or surface water.

In 1997 and 1998, EMCON was retained by the City of Austin to complete an environmental assessment and subsurface investigation of the Butler Landfill area. At the time of their investigation, EMCON reported that waste materials were exposed in several areas throughout the landfill and that with the

building of Longhorn Dam in 1960 and the creation of Town Lake, the groundwater elevations within the landfill were raised which saturated the lower portion of material within the landfill.

EMCON's subsurface investigation included the installation of six new monitoring wells and ten temporary landfill gas sampling points. Groundwater samples were collected and analyzed for volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), pesticides, herbicides, polychlorinated biphenyls (PCBs), and 12 total metals (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, mercury, selenium, silver and zinc). The temporary landfill gas (LFG) sampling points were field screened for methane and carbon dioxide with the LFG sample point that exhibited the highest concentration of methane submitted for laboratory analysis of methane, carbon dioxide, and VOCs.

Based on their field observations and the laboratory analytical results, EMCON concluded the following:

- Dark brown clay loam approximately two to five feet thick overlies the material within the landfill area at four of the six well locations.
- The clay loam grades to clayey sand at approximately 15 feet below ground surface (bgs).
- Approximately one to two feet of gravel overlies the limestone bedrock beneath the area.
- Shallow groundwater was encountered at depths of 10 to 34 bgs.
- The groundwater elevations showed a groundwater gradient which was divided north to south through the area. The groundwater gradient in the western portion flowed west and northwest toward Dry Creek (aka Eanes Creek) and Town Lake (now known as Lady Bird Lake). The groundwater gradient in the eastern portion of the area flowed toward the southwest.
- Concentrations of VOCs, PAHs, pesticides, chlorinated herbicides, and/or PCBs were below laboratory detection limits (i.e., non-detect).
- Arsenic, barium, cadmium, chromium, magnesium, and lead were reported at concentrations above the regulatory risk reduction standard (Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standard Number 2 (RRS2)) in groundwater samples collected from one or more of the monitor wells.
- Iron and manganese were reported at levels that exceeded Secondary Maximum Contaminant Levels (SMCLs) in virtually all wells.
- Methane and carbon dioxide readings indicated active landfill gas generation.
- The laboratory analytical results for the soil gas sample with the highest field reading showed detections of trace amounts of VOCs present, including benzene, chloromethane, 1, 1-dichloroethane and dichlorotetrafluoroethane (Freon 114). EMCON concluded that the LFG has the potential to impact groundwater at the site.

Based on their findings, EMCON recommended installation of additional groundwater monitoring wells (three to five) for additional groundwater monitoring and LFG management, semi-annual groundwater monitoring for an additional three years to track metal concentrations and potential LFG migration, adding filtering of samples for analysis of metals (EMCON determined that previous samples had substantial amounts of silt which may have biased previous metal concentrations), and an evaluation of alternatives for remediation of subsidence, LFG, and groundwater impacts.

In a report dated September 1998, EMCON provided alternatives and recommendations for remedial actions at the landfill site. In this report, EMCON listed the following concerns to be addressed:

- Inadequate or absence of an adequate cover over the landfill area which had resulted in exposed inert waste and debris.
- Lack of positive drainage which resulted in ponding of storm water on top of the landfill and subsequent infiltration of stormwater into landfill materials.
- Elevated concentrations of metals in groundwater.
- Presence of landfill gas.

To address these concerns, EMCON recommended construction of a final cover over the landfill utilizing general fill to raise the elevation of low areas to eliminate ponding, followed by a 1.5-foot-thick layer of low permeability soil to reduce stormwater infiltration, and finished with a six inch thick layer of topsoil to support vegetation to reduce erosion. EMCON also recommended excavation of the exposed waste along the bank of Dry Creek (Eanes Creek), backfilling with soil, and adding geosynthetic matting or Reno mattresses (wire mesh filled with rock) to provide long-term erosion protection.

In April 2004, Shaw conducted additional groundwater sampling and analysis at the Butler Landfill. Shaw collected groundwater samples from six of the monitoring wells (MW-1, MW-2, MW-3, MW-5, MW-6, and MW-7). Monitoring well MW-4 was not sampled due to the lack of groundwater in the well. Shaw noted that additional fill material (described as "soil") was added to the top of the landfill in early 2003. With the additional fill that was added, several of the wells were extended to match the new ground surface elevation.

The groundwater samples collected by Shaw were analyzed for VOCs, PAHs, Organochlorine Pesticides (OCPs), Chlorinated Herbicides, and metals (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, mercury, selenium, silver, and zinc). The samples collected for metal analysis were submitted for both total and dissolved metals. The dissolved metal samples were filtered in the laboratory prior to analysis.

Shaw compared the analytical results to the TRRP Tier 1 residential groundwater protective concentration levels (PCLs) which are based on federal primary maximum contaminant levels (MCLs) promulgated under the Safe Drinking Water Act or risk-based levels based on groundwater ingestion if MCLs are not available for a constituent.

VOC analytical results showed estimated acrylonitrile concentrations (i.e., detected between the sample quantification limit [SQL] and the laboratory reporting limit and flagged with a "J") at MW-1, MW-3, and MW-7 at levels above the TRRP Tier 1 PCLs. All other VOC constituents were reported at levels below the Tier 1 PCLs. PAHs, organochlorine pesticides, and chlorinated herbicides were not detected in any groundwater sample collected from the on-site monitoring wells during the Shaw April 2004 monitoring event. Total arsenic was detected at levels above the Tier 1 PCL in samples collected from MW-3 and MW-5. Similarly, dissolved arsenic as well as total and dissolved manganese were detected at levels above their respective Tier 1 PCLs in the sample collected from MW-5. All other detected total and dissolved metal concentrations were below PCLs.

Shaw recommended that additional analysis be limited to those constituents that have been detected in historic groundwater monitoring events.

Shaw also provided a summary of analytical results collected across the sampling events conducted in October 1997, March 1998, October 2003, January 2004 and April 2004 in Table 3 of their 2004 report. According to that table:

- At MW-1, acrylonitrile was detected at a concentration above the Tier 1 PCL in April 2004. No other PCL exceedances were noted during any other sampling event.
- At MW-2, the metals arsenic, barium, cadmium, chromium, lead and manganese were detected at concentrations above their respective Tier 1 PCLs in March 1998. No other PCL exceedances were noted during any other sampling event.
- At MW-3, acrylonitrile and manganese were detected at concentrations above their respective Tier 1 PCLs in April 2004. Arsenic was detected at concentrations above the Tier 1 PCL in all sampling events. No other PCL exceedances were noted during any other sampling event.
- At MW-4, no PCL exceedances were noted in March 1998. MW-4 was not sampled during the subsequent monitoring events due to the lack of groundwater.
- At MW-5; barium, cadmium, chromium, lead, and manganese were detected at concentrations above their respective Tier 1 PCLs in March 1998. Manganese was also detected at concentrations above

the Tier 1 PCLs in October 2003 and April 2004 (it was not analyzed for in January 2004). Arsenic was detected at concentrations above the Tier 1 PCL in all sampling events. No other PCL exceedances were noted during any other sampling event.

- At MW-6, the metals arsenic, chromium, lead and manganese were detected at concentrations above their respective Tier 1 PCLs in March 1998. No other PCL exceedances were noted during any other sampling event.
- At MW-7, acrylonitrile was detected at a concentration above the Tier 1 PCL in April 2004. The metals chromium, lead and manganese were detected at concentrations above their respective Tier 1 PCLs in March 1998. Arsenic was detected at concentrations above the Tier 1 PCL in March 1998, October 2003 and January 2004. No other PCL exceedances were noted during any other sampling event.

Based on the analytical results collected over the four sampling events, Shaw recommended reducing the analytes in future sampling events to only include VOCs, OCPs, and metals (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, mercury, selenium, silver, and zinc) (i.e., those constituents detected in previous sampling events).

In March 2005, Geomatrix completed an assessment of the landfills in the vicinity of Austin to supplement the 1984 URM landfill study. According to the Geomatrix report, additional field investigations and a risk assessment for groundwater had been conducted at the Butler Landfill by the City of Austin subsequent to 1984. Three groundwater monitoring wells were installed: two east and one west of the Mopac Bridge. The assessment found ponding at the eastern end near the hike and bike trail and Lou Neff Road. Erosion was observed along the banks of Eanes Creek and Town Lake which had exposed landfill materials. Design of erosion control improvements and remediation of the exposed landfill waste at Eanes Creek was reported to be in progress, with construction expected to begin in 2005. The Geomatrix report recommended periodic site inspections, continued groundwater monitoring, and completion of corrective actions to the Eanes Creek embankments to prevent additional erosion and additional exposure of landfill materials.

During the Site reconnaissance, permeable interlocking concrete retaining blocks were observed along the portion of Eanes Creek at the north end of Butler Landfill, confirming that erosion control improvements mentioned in the 2005 Geomatrix report were completed.

In December 2017, Atkins prepared an Environmental Resource Inventory for Zilker Park Austin City Limits Staging Area which was submitted to the City of Austin Planning and Development Review Department on behalf of C3 Enterprises, LLC in cooperation with PARD. This document proposes a staging area on 11.12 acres in Zilker Park on top of the Butler Landfill cap located to the east of Mopac between Stratford Land and Lady Bird Lake. The document states that although the area is within the Edwards Aquifer Recharge Zone, no natural or traditional character of the land and no natural geologic formations remain since the site was excavated as a quarry. The quarry was subsequently filled with mostly domestic waste and then capped with a four-foot-thick imported clay cap. The thickness of the cap and proximity to Stratford Lane in the eastern portion of the landfill was determined through the drilling and logging of 16 borings.

The City of Austin Parks and Recreation Board has developed a Stratford Drive Redevelopment Plan for the portion of the Butler Landfill east of Mopac. The Plan proposes measures to:

- Capture and redirect storm water runoff to mitigate erosion;
- Removal of existing trees and re-planting of new trees in appropriate and carefully selected locations to mitigate infiltration into the landfill;
- Removal of the wetland on the east end of the area and replacement with a double lined water quality pond;
- Replacement of the pond outlet pipe with a larger, more appropriately sized pipe to minimize erosion and over topping of the hike and bike trail;

- Topping the existing cap with a stable layer of crushed stone, which will minimize cap erosion, avoid future disturbance of the cap, allow for use in most weather conditions and stabilize the cap area for continued use as overflow parking and as a lay down area for major events.

Designed solutions for improvements of the wetland/ponding area were tentatively scheduled for mid-January to March 2019. However, according to Mr. Tony Savage, construction of the double-lined water quality pond and other proposed improvements to the Butler Landfill cap have not been implemented at this time.

At the time of the site reconnaissance, the eastern portion of the area was covered with crushed rock. Soil and vegetative cover were observed between the rock covered area and the asphalt paved parking area beneath Mopac. The area to the west of Mopac houses the Bone Yard.

Based on the forgoing, the Butler Landfill area is considered a REC.

Pistol and Skeet Range

Encompassing approximately 2.5-acres, the Pistol and Skeet Range area was originally developed in the 1930s with start of operations reportedly circa 1938. Based on aerial photographs and interviews with PARD staff, the western portion of the range area was used for skeet shooting (Skeet Range) while the east side was used for pistol and rifle shooting (Pistol Range). The building from which clay pigeons were released (skeet building) was located on the west side of the Skeet Range with a semi-circle area to the east of the skeet building. Shooting stations were located around the semi-circle with shooters facing to the northwest, north and northeast as they moved to each station. A covered area with shooting tables was located on the south side of the Pistol Range. There was a 25-yard berm and a 50-yard berm to the north of the covered shooting tables.

A small building located to the southeast of the shooting tables was constructed in the late 1930s and was still present at the time of the site reconnaissance. The finished floor elevation of the small building is approximately three to four feet lower in elevation than the elevation of the level area formerly used for shooting. The building is reported to house restrooms but was not accessible at the time of the site reconnaissance due to structural integrity issues and safety concerns. A rock wall was reported to separate the skeet area from the pistol/rifle shooting area.

According to an email from Mike Von-Wupperfield to Rachel Anderson dated September 15, 1999 in response to questions from Ms. Anderson regarding historic use of the Pistol and Skeet Ranges, the range was heavily used on a daily basis by the Austin Police Department and citizens from the mid-40s to the late 60s. Other sources and interviews reviewed indicate that use of the range began circa 1938 and continued until the mid-1980s. Based on information in historic reports and aerial photographs, the Pistol Range property was used by the ANSC for archery, equipment storage and supply storage in portable buildings subsequent to the mid-1980s.

In his email, Mr. Von-Wupperfield indicates that he expects lead contamination to be heaviest at the firing line and at the impact area. Mr. Von-Wupperfield recommended collection of soil samples from the old firing line, the impact area, and elsewhere in Zilker Park. Mr. Von-Wupperfield also indicated that there would potentially be background lead levels in soils due to naturally occurring lead as well as levels due to years of motor vehicle traffic passing near the area.

In October 1999, HBC Engineering, Inc. (HBC) conducted a Lead in Soil Survey at the Pistol Range. According to the report, random soil samples were collected at various locations which were deemed to potentially have elevated lead levels. Samples were collected from areas which were possibly used as bullet backstops, areas that were used as shooting rests, and areas identified as proposed areas of construction of play areas for children. Using a level of 400 milligrams per kilogram (mg/kg) of lead as the threshold for elevated concentrations, soil sample analysis showed lead concentrations in excess of 400

mg/kg in the western half of the eastern portion of the range as well as at the northern backstop. Samples collected from the southeastern portion of the eastern area showed no elevated lead concentrations. HBC stated that many of the areas with elevated lead concentrations have storage sheds or equipment stored and were low potential for child contact. The HBC report shows lead levels in the southeastern area that range from <53 to 250 mg/kg. In the remainder of the eastern portion of the Pistol Range, the HBC report shows lead concentrations that range from 810 to 3,400 mg/kg.

In a Proposal for the Addition of a Low Ropes Challenge Course by the ANSC dated January 19, 2000, a Low Ropes Challenge Course was proposed to be constructed at the Pistol Range site. The proposal indicated that this location for a Low Ropes Course was chosen due to its proximity to the ANSC, that the Pistol Range was already in use as an archery range which would be compatible with the Challenge Course elements, and that the proposal was consistent with the 1979 Nature Center Master Plan that proposed the creation of an Outpost Day Camp in this area. According to the proposal text, the area (and assumed to include both the Pistol and Skeet Ranges) was currently in use for archery, ANSC storage, Nature Preserve equipment storage and since 1995, had been available to Zilker Park as a construction staging area that had resulted in the accumulation of discarded equipment and debris. The proposal text references the 1999 HBC soil survey, indicating that a large section of the area had elevated lead concentrations due to its original use. The proposal indicates that the Department of Public Works suggested that the contaminated area be covered with new sod in order to separate visitors from contact with environmental hazards. The proposal also recommended limiting vehicle use to mitigate destruction of the sod and potential creation of contaminated dust as well as limiting the use of the area for storage of unsecured heavy equipment, construction debris, and materials due to their incompatibility with children's instructional activity. The Phase 1: Remediation and Initial Installation site preparation proposed the removal of equipment, debris, and materials; relocation of ANSC storage buildings; covering of areas with elevated lead concentrations with 120 cubic yards of sandy loam; and seeding with winter rye and Bermuda.

An ANSC Memorandum dated May 1, 2000 from Robin Gose indicates that the new low ropes course at the Dry Creek Adventure Outpost would be ready for use beginning May 15, 2000. The memorandum provided guidelines for use which included staying within defined activity areas; avoiding the building, porch and fenced-off areas; and allowed no vehicular traffic into the area.

According to PARD personnel, a "cap" or layer of soil was added to a portion of the Pistol Range area in 2016 with the construction of the climbing wall. According to hand-drawn maps provided by PARD, a three to six inch "cap" is shown in an area around and north of the present-day location of the climbing wall. A red dotted line is consistent with the former location of the rock wall that separated the skeet shooting area from the pistol/rifle shooting area is also hand drawn on the drawings. Additional information regarding the type of material (i.e., clay, clayey sand, sandy loam, etc.) and the actual thickness of the "cap" is not available.

During the site reconnaissance, a ropes course, picnic tables, and agility course were observed on the south and east sides of the eastern portion of the Pistol Range. A climbing wall surrounded by an area of mulch was observed in the south-central portion of the area. The small building built that houses restrooms and a central storage room was observed to the south of the climbing wall. The building was not entered due to structural integrity issues and associated safety concerns.

A locked wire rope gap off of Rollingwood Drive limits vehicular access to the area. The Pistol Range area is surrounded by eight-foot-tall wrought iron and/or chain link fencing.

Under separate contract, TRC is in the process of conducting additional investigations at the Pistol Range which have included the advancement of soil borings as well as the collection and analysis of soil samples. Although the investigation is currently in progress, preliminary results have shown elevated lead concentrations in the area.

Investigations conducted to date in the area have focused on the Pistol Range in the eastern portion of the area and have not included the Skeet Range in the western portion of the area or the area to the north of the Skeet and Pistol Range areas.

At the time of the site reconnaissance, the area was covered in grass with trees in the southern and eastern portions. Portions of the foundation of the former skeet building were observed in the western portion of the former Skeet Range. Areas of exposed rock and concrete were observed running north to south in the west central portion of the Pistol Range area and are assumed to be the location of the former rock wall. A low rock wall was observed in the northern portion of the Pistol Range at the base of a berm of soil assumed to be the former backstop behind targets. A rock retaining wall was observed along the southern and eastern sides of the Pistol Range area with a three to four-foot grade difference between the upper and lower elevations. Black shards of cementitious clay were observed in the northwestern portion of the Pistol Range and appear consistent with clay pigeon materials. Stockpiles of soil with rock and concrete rubble were observed in the northern portion of the Skeet Range and the northwestern portion of the Pistol Range. An inlet for an intermittent stream which conveys stormwater from areas to the north and west was observed in the northwestern portion of the Pistol Range with the outfall for the conveyance observed at the base of the rock wall on the northeast side. Stormwater generally flows by surface flow across this area toward Eanes Creek to the east-southeast.

Based on the forgoing, the Pistol Range area is considered a REC.

Underground Storage Tanks (USTs) at the Maintenance Barn

According to historic reports provided by the City of Austin Development Services Department and information obtained through the EDR Report and the TCEQ Central Registry, two USTs were present at the Site. A 560-gallon single-walled steel UST (referred to in some documentation with a nominal capacity of 500-gallons) was located at the southwest corner of the Maintenance Barn and a 1,000-gallon single-walled steel UST was located on the north side of a portable storage shed on the west side of the Maintenance Yard just south of the present day AST location. Both tanks were installed in 1966 and used for the storage of unleaded gasoline. Tank and line tightness tests conducted on both tanks from 1986 to 1992 did not identify any leaks or issues.

Both tanks were permanently removed from service and removed from the ground in April 1994. Following removal of the USTs, a total of four soil samples were collected: one two-part composite sample collected from the floor of each tankhold and one four-part composite sample representative of the fill material excavated from each tankhold. The samples were analyzed for Total Petroleum Hydrocarbons (TPH), benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analytical results showed elevated concentrations of TPH and BTEX in the sample collected from the floor of the 560-gallon UST tankhold. All of the remaining sample results were below regulatory action levels.

In light of the elevated TPH and BTEX concentrations, the floor of the 560-gallon UST tankhold was over-excavated. Following over excavation, another two-part composite sample was collected from the floor of the tankhold and another four-part composite was collected from the fill material stockpile. Analytical results showed TPH and BTEX at concentrations below regulatory action levels.

Both tankholds were backfilled with imported fill material and resurfaced with concrete to match existing grade. The tanks were removed from the Site and destroyed at Tank Crafters Unlimited located at the intersection of Manda and Jacobson Road in Austin. The fill material stockpiles were transported from the Site and disposed of at the City Landfill on FM 812.

Based on the forgoing, the USTs are considered an HREC.

4.4 Other Environmental Record Sources

Per the ASTM standard, local or additional state records were reviewed to enhance and supplement the ASTM-required federal and state records reviewed and discussed earlier in this report. These additional records include state agency lists of: waste disposal facilities; brownfield properties; hazardous waste/contaminated facilities; registered storage tanks; records of emergency release reports; and records of contaminated public wells. Local sources that were contacted to obtain additional information include: the TCEQ Central Registry, PARD, Watershed Protection, UST, and deed records departments of the City of Austin. Information from these sources is discussed in other sections of this report.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Mr. Michael Bohmfalk, Senior Project Manager for TRC, conducted a Site reconnaissance of accessible areas on and around the Site on May 31, 2019 for the purpose of identifying potential RECs, and was accompanied by Mr. Anthony (Tony) Savage, PARD Supervisor for Zilker Park and Mr. Juan Bustillos, PARD Turf Manager for Zilker Park who provided access to the Site buildings and answered questions during the reconnaissance. Relevant photographs taken during the reconnaissance are provided in Appendix C. A Site features map is included as Figure 2.

During the Site reconnaissance areas of heavy vegetation, and the interiors of buildings without current or historic storage or use of hazardous substances or petroleum products were not accessed. These limiting conditions are not expected to impact the findings of this Phase I ESA.

5.2 Interior and Exterior Site Observations

Unless otherwise noted, the items listed in the table below appeared in good condition with no visual evidence of staining, deterioration, or discharge of hazardous materials; and there are no records of a release in these areas. Items where further description is warranted are discussed in the section(s) following the table.

Table 5.1 - Interior and Exterior Site Observations

Item	Present/ Historic/ Not Observed	Description
Hazardous material storage or handling areas	Present	See Section 5.2.1
Aboveground storage tanks (ASTs) and associated piping	Present	See Section 5.2.2
Underground storage tanks (USTs) and associated piping	Historic	See Section 5.2.3
Drums & containers (≥5 gallons)	Present	See Section 5.2.1
Odors	Not Observed	
Pools of liquid, including surface water bodies and sumps (handling hazardous substances or substances likely to be hazardous only)	Not Observed	
PCBs/Transformers	Present	Multiple pad-mounted and pole-mounted transformers were observed throughout the Site. A map showing the locations of transformers was provided by Austin Energy and used to develop Figure 3 – Transformer Location Map. The transformers are owned and operated by Austin Energy.
Stains or corrosion	Present	De minimis staining was observed beneath a tractor in the northern portion of the Bone Yard. No other staining was noted.
Drains & sumps	Not Observed	

Table 5.1 - Interior and Exterior Site Observations

Item	Present/ Historic/ Not Observed	Description
Pits, ponds, & lagoons	Present	A stormwater detention pond is present on the east side of the former Butler Landfill. Other ponds and lagoons observed are limited to natural or ornamental water features within the Park
Stressed vegetation	Not Observed	
Historic fill or any other fill material	Historic	A closed municipal solid waste landfill is known to be present in the northern portion of the Site. Known as Butler Landfill, additional information pertaining to this area is provided in Section 4.3.
Wastewater (including stormwater used in a process, combined with sewage, or directly related to manufacturing, processing, or raw materials storage areas) discharged into a storm drain, ditch, underground injection system, or stream on or adjacent to the Site.	Not Observed	
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	Not Observed	See Section 5.2.4
Septic systems or cesspools	Not Observed	

5.2.1 Hazardous Substances

Potential hazardous substances observed at the Site include five-gallon pails and 330-gallon totes of liquid fertilizer at the Maintenance Barn and the Botanical Garden maintenance area, sacks of granular fertilizer at the Maintenance Barn, 1-gallon and 5-gallon containers of latex and oil-based paints in a portable shed in the northeast portion of the Maintenance Barn area, quart to 1-gallon containers of janitorial supplies stored on shelving in a room on the southeast side of the Maintenance Barn, and approximately four 5-gallon containers of calcium hypochlorite were observed on a pallet in the northwestern section of the Bone Yard. All containers appeared to be in good to excellent condition with no evidence of damage or leaks.

According to Mr. Bustillos, the fertilizers utilized at the Park are plant-based organic materials and are only applied to the Great Lawn, Rugby Field, and Polo Fields in accordance with the manufacturer's instructions. Mr. Bustillos also stated that herbicides and pesticides utilized at the Site are applied in accordance with the Integrated Pest Management Program produced by PARD Grounds Maintenance Division. A listing of herbicides and fertilizers utilized at the Park has been included in Appendix D.

5.2.2 Aboveground Storage Tanks

PARD currently maintains one fuel AST at the Maintenance Barn. The AST is a vaulted, double-walled steel tank that is encased in concrete (Convault) and stores up to 500-gallons of gasoline and 500-gallons of diesel fuel. The AST is equipped with concrete secondary containment and an overhead shelter. The tank appeared to be in good condition with no visual evidence of surface spills or staining within or outside of the secondary containment area.

A 500-gallon propane AST is located on the northeast side of the Zilker Clubhouse. The tank appeared to be in good condition with no visual evidence of corrosion or degradation of the exterior surface coating.

5.2.3 Underground Storage Tanks

Evidence of USTs was not observed at the time of the Site reconnaissance. However, the EDR Radius Report and the TCEQ UST Database show that USTs were removed from the ground at the Maintenance Barn in 1994. Additional information pertaining to these USTs is provided in Section 4.3.

5.2.4 Wells

Although no monitoring wells were observed during the Site reconnaissance, historic investigation reports and the EDR Radius Report identify groundwater monitoring wells and environmental soil borings (identified on the EDR Physical Setting Source Map as Well Clusters B, D, H and Well 9) at the Butler Landfill. The EDR Radius Report also shows a well for the withdrawal of water with a primary use for irrigation located in the vicinity of the Nature Science Center (identified on the EDR Physical Setting Source Map as Well 10). Well data obtained through the Texas Water Development Board (TWDB) groundwater database show this well has been assigned State Well Number 5842931, was drilled in 1987, is owned by the Austin Nature Science Center and is primarily used for irrigation with a secondary use at the Salamander Research Center. A copy of the TWDB well data has been included in Appendix D.

The EDR Radius Report shows a well with a use identified as public supply in an area west of the Park Ranger/Caretaker's Cottage (identified on the EDR Physical Setting Source Map as well cluster C). The location is identified by EDR as a well cluster since there are two EDR entries for this well. A well log provided by WPD shows identifies this well as a replacement well located at the "Zilker Park children's playscape area" with a proposed use as a public supply well. A copy of the well log has been included in Appendix D.

The EDR Radius Report shows a well with a use identified as monitoring on the north side Barton Creek in the southeast portion of the Great Lawn (identified on the EDR Physical Setting Source Map as well cluster K). The location is identified by EDR as a well cluster since there are two EDR entries for this well. A well log provided by WPD identifies this well as a new well located at Zilker Park with a proposed use as a monitor well. A copy of the well log has been included in Appendix D.

The EDR Radius Report shows wells near the center of Zilker Park in the vicinity of the Polo Field (identified on the EDR Physical Setting Source Map as well cluster A) and on the south side of Barton Creek in the vicinity of the Barton Springs South Gate (identified on the EDR Physical Setting Source Map as well cluster G). According to information in the EDR report and available through the TWDB groundwater database, these clusters are identified as environmental soil borings which were drilled in January 2003. TRC contacted the drilling company (Geoprojects International, Inc. - GPI) to inquire about information regarding the nature and purpose of these borings. GPI personnel had no additional information pertaining to these soil borings.

5.3 Adjoining and Surrounding Properties Reconnaissance

5.3.1 Adjoining Properties

During the Site reconnaissance, TRC viewed the adjoining properties from the Site and publicly accessible areas (e.g., public roadways, etc.).

Table 5.2 - Adjoining Properties Reconnaissance

Direction from Site	Current Land Use Description
North	Office, church, and residential properties.
East	Lady Bird Lake then municipal, commercial, and residential properties.
South	Commercial and residential properties.
West	Office and residential properties.

5.3.2 Surrounding Properties

Surrounding properties generally include mixed commercial, residential and recreational properties in all directions from the Site.

6.0 INTERVIEWS

The following persons were interviewed to obtain historically and/or environmentally-pertinent information regarding RECs associated with the Site.

- Mr. Anthony (Tony) Savage: City of Austin PARD Supervisor for Zilker Park – *Key Site Manager* (as defined by the ASTM standard and identified by the User).
- Mr. Juan Bustillos: City of Austin PARD Manager – Zilker Park Turf and Vegetation
- Mr. Domingo Espinoza: City of Austin PARD Manager – Barton Springs Pool
- Mr. Paul Requijo: City of Austin PARD Ground Keeper Crew Leader – Zilker Park
- Ms. Kim McKnight: City of Austin PARD Acting Assistant Director

The information provided by each is discussed and referenced in the text of this report. Other references and sources of information are included in Appendix D.

7.0 FINDINGS, OPINIONS AND CONCLUSIONS

Potential findings can include RECs, historical RECs (HRECs), controlled RECs (CRECs) and *de minimis* conditions, pursuant to the ASTM E 1527-13 standard.

RECs are defined as the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the environment; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*.

CRECs are defined as a REC resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

HRECs are defined as a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

De minimis conditions are defined as a condition that generally does not present a threat to human 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. Conditions determined to be *de minimis conditions* are not RECs nor CRECs.

TRC has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 at the Zilker Metropolitan Park (Zilker Park) which encompasses approximately 350-acres at a general address of 2100 Barton Springs Drive in Austin, Travis County, Texas. Deviations from the ASTM E 1527-13 standard are described in Sections 1.3 and 7.5 of this report. Pursuant to the ASTM E 1527-13 standard, recommendations to conduct Phase II sampling or other assessment activities are not required to be included in this report. TRC can provide such recommendations upon request.

7.1 RECs and CRECs

This assessment has revealed no evidence of RECs (including CRECs) in connection with the Site, except for the following:

REC No. 1

The Butler Landfill covers approximately 25-acres in an area of Zilker Park and is bound by Lady Bird Lake to the north, Eanes Creek to the west, Stratford Drive to the south and Lou Neff Road to the east. The location originally served as a clay quarry for the Butler Brick Factory through the early 1900s and was subsequently operated by the City of Austin as a municipal landfill from 1948 to 1967. At the time of the site reconnaissance, the eastern portion of the area was covered with crushed rock. Soil and vegetative cover were observed between the rock covered area and the asphalt paved parking area beneath Mopac. The area to the west of Mopac houses the Bone Yard. Several investigations and groundwater monitoring events have been conducted at the landfill subsequent to 1984 which have identified constituents of concern (COCs) at levels above their respective Protective Concentration Levels (PCLs). Therefore, the Butler Landfill is considered a REC due to the COC PCL exceedances and the potential for comingling of groundwater within the landfill with surface waters at Lady Bird Lake.

REC No. 2

Encompassing approximately 2.5-acres, the Pistol and Skeet Range area was originally developed in the 1930s with start of operations reportedly circa 1938. Based on aerial photographs and interviews with PARD staff, the western portion of the area was used for skeet shooting (Skeet Range) while the east side was used for pistol and rifle shooting (Pistol Range). The building from which clay pigeons were released (skeet building) was located on the west side of the area with a semi-circle area to the east of the skeet building. Shooting stations were located around the semi-circle with shooters facing to the northwest, north and northeast as they moved to each station. A covered area with shooting tables was located on the south side of the eastern portion of the Pistol Range. There was a 25-yard berm and a 50-yard berm to the north of the covered shooting tables. A small building located to the southeast of the shooting tables was constructed in the late 1930s and was still present at the time of the site reconnaissance.

At the time of the site reconnaissance, the area was covered in grass with trees in the southern and eastern portions. A ropes course, picnic tables, and agility course were observed on the south and east sides of the eastern portion of the Pistol Range. A climbing wall surrounded by an area of mulch was observed in the south-central portion of the area. Portions of the foundation of the former skeet building were observed in the western portion of the range. Areas of exposed rock and concrete were observed running north to south in the central portion of the area and are assumed to be the location of the former rock wall. A low rock wall was observed in the northeastern portion of the area. A rock retaining wall was observed along the southern and eastern sides of the area with a three to four-foot grade difference between the upper and lower elevations. Black shards of cementitious clay were observed in the north central portion of the area and appear consistent with clay pigeon materials. Stockpiles of soil with rock and concrete rubble were observed in the northwestern portion of the area. An inlet for an intermittent stream which conveys storm water from areas to the north and west of the Pistol Range was observed in the northern portion of the area with the outfall for the conveyance observed at the northeast portion of the area. Storm water generally flows by surface flow across the Pistol Range area toward Eanes Creek to the east-southeast.

Historic and recent soil investigations conducted at the Pistol Range have identified elevated concentrations of arsenic, antimony and lead at concentrations above assessment levels and applicable PCLs. Additional investigations are currently underway to further evaluate and delineate potential metal impacts to soils. Investigations conducted to date have focused on impacts to soils at the Pistol Range and have not included the Skeet Range or the wooded area to the north of Pistol and Skeet Range areas where lead pellets and shot from skeet shooting may have been deposited.

Based on the foregoing, the Pistol and Skeet Range areas, including the wooded area to the north, are considered a REC due to the presence or likely presence of lead at levels which indicate an impact to the environment.

REC No. 3

An area at the northwest portion of the Park is currently used as the Bone Yard. The area is used for storage of surplus materials; park equipment (benches, signs, trash receptacles); stockpiling of soil, weathered granite gravel, rocks, brush, trees, asphalt removed from roadways and parking areas, and other debris; trash dumpsters for park wastes; surplus electric powered carts and small vehicles; and surplus lawn-maintenance equipment (tractors and mowers). Lead-acid batteries were observed in the electric powered carts and exposed to the elements. Site personnel were unclear if fluids had been drained from the lawn-maintenance equipment. A small *de minimis* area (less than two feet in diameter) of dark staining was observed beneath a surplus tractor at the north end of this area. No other leaks, ruptures, or staining was observed. Approximately four 5-gallon containers of calcium hypochlorite were observed on a pallet in the northwestern section of the Bone Yard. The containers appeared to be in good condition with no leaks or ruptures observed. However, storage of the asphalt, electric powered carts and small vehicles with lead-acid batteries, surplus lawn-maintenance equipment, and chemical

containers without cover and/or impervious pavement represents a material threat of a release of hazardous substances and/or petroleum products to the environment.

7.2 HRECs

This assessment has revealed no evidence of HRECs in connection with the Site, except for the following:

HREC No. 1

According to historic reports provided by the City of Austin Development Services Department and information obtained through the EDR Report and the TCEQ Central Registry, two USTs were present at the Site. A 560-gallon single walled steel unleaded gasoline UST (referred to in some documentation with a nominal capacity of 500-gallons) was located at the southwest corner of the Maintenance Barn and a 1,000-gallon single walled steel unleaded gasoline UST was located on the north side of a portable storage shed on the west side of the Maintenance Yard just south of the present day AST location. Both tanks were installed in 1966 and permanently removed from service and removed from the ground in April 1994.

Following removal of the USTs, confirmation samples were collected from the floor of each tankhold and each fill material stockpile. The samples were analyzed for TPH, benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analytical results showed elevated concentrations of TPH and BTEX in the sample collected from the floor of the 560-gallon UST tankhold. All of the remaining sample results were below regulatory action levels.

In light of the elevated TPH and BTEX concentrations, the floor of the 560-gallon UST tankhold was over-excavated. Following over excavation, another confirmation sample was collected from the floor of the tankhold and the stockpiled fill material. Analytical results showed TPH and BTEX at concentrations below regulatory action levels.

The tankholds were backfilled with select fill material and resurfaced to match existing pavement conditions. The tanks were removed from the site and destroyed, and the fill material transported from the site for off-site disposal.

Based on the foregoing, the former USTs represent a HREC.

7.3 *De Minimis* Conditions

This assessment has revealed no evidence of *de minimis* conditions in connection with the Site, except for the following:

- A small area (less than three feet in diameter) of dark staining was observed in the storage shed at the northeast side of the Maintenance Barn area.
- Several of the Park's parking areas drain to Barton Creek. Although not observed, there is a potential for *de minimis* environmental impacts from leaked automotive fluids in these areas.
- Overflow parking for special events is provided on the grass at the Polo Fields and at Butler Landfill. Although not observed, there is a potential for *de minimis* environmental impacts from leaked automotive fluids in these areas.
- Stormwater runoff from Mopac Expressway drains directly onto the Site. Although not observed, there is a potential for *de minimis* environmental impacts from leaked automotive fluids along this stretch of Mopac.

7.4 Data Gaps

TRC has made an appropriate inquiry into the commonly known and reasonably ascertainable resources concerning the historical ownership and use of the Site back to the first development per 40 CFR Part

312.24 (*Reviews of Historical Sources of Information*). Data gaps identified during this assessment include the following:

1. Heavily vegetated areas in certain areas of the Park were not accessed; and,
2. Not all buildings were accessed during the site reconnaissance.

Based on interviews and historical data reviewed, these data gaps are not considered *significant*.

7.5 Limiting Conditions and Deviations

7.5.1 Accuracy and Completeness

The ASTM E 1527-13 standard recognizes inherent limitations for Phase I ESAs that apply to this report, including:

- Uncertainty Not Eliminated – No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Data gaps identified during this Phase I ESA are listed in Section 7.4.
- Not Exhaustive – A Phase I ESA is not an exhaustive investigation.
- Past Uses of the Property – A review of standard historical sources at intervals less than five years is not required.

The Client is advised that the Phase I ESA conducted at the Site is a limited inquiry into a property's environmental status, cannot wholly eliminate uncertainty, and is not an exhaustive assessment to discover every potential source of environmental liability at the Site. Therefore, TRC does not make a statement i) of warranty or guarantee, express or implied for any specific use; ii) that the Site is free of RECs or environmental impairment; iii) that the Site is "clean"; or iv) that impairments, if any, are limited to those that were discovered while TRC was performing the Phase I ESA. This limiting statement is not meant to compromise the findings of this report; rather, it is meant as a statement of limitations within the ASTM standard and intended scope of this assessment. Specific limiting conditions identified during the Site reconnaissance are described in Section 5.1. Subsurface conditions may differ from the conditions implied by surface observations and can be evaluated more thoroughly through intrusive techniques that are beyond the scope of this assessment. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes.

This report presents TRC's site reconnaissance observations, findings, and conclusions as they existed at the time of the Site reconnaissance. TRC makes no representation or warranty that the past or current operations at the property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. TRC makes no guarantees as to the accuracy or completeness of information obtained from others during the course of this Phase I ESA report. It is possible that information exists beyond the scope of this assessment, or that information was not provided to TRC. Additional information subsequently provided, discovered, or produced may alter findings or conclusions made in this Phase I ESA report. TRC is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based upon reasonably ascertainable information and observed Site conditions at the time of the assessment.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not assessed. Regardless of the findings stated in this report, TRC is not responsible for consequences or conditions arising from facts that were not fully disclosed to TRC during the assessment.

An independent data research company provided the government agency database referenced in this report. Information regarding surrounding area properties was requested for approximate minimum

search distances and was assumed to be correct and complete unless obviously contradicted by TRC's observations or other credible referenced sources reviewed during the assessment.

TRC is not a professional title insurance or land surveyor firm and makes no guarantee, explicit or implied, that any land title records acquired or reviewed, or any physical descriptions or depictions of the property in this report, represent a comprehensive definition or precise delineation of property ownership or boundaries.

7.5.2 Warranties and Representations

This report does not warrant against: (1) operations or conditions which were not evident from visual observations or historical information provided; (2) conditions which could only be determined by physical sampling or other intrusive investigation techniques; (3) locations other than the client-provided addresses and/or legal parcel description; or (4) information regarding off-site location(s) (with possible impact to the Site) not published in publicly available records.

7.5.3 Continued Validity/User Reliance

This report is presumed to be valid, in accordance with, and subject to, the limitations specified in the ASTM E 1527-13 standard, for a period of 180 days from completion, or until the Client obtains specific information that may materially alter a finding, opinion, or conclusion in this report, or until the Client is notified by TRC that it has obtained specific information that may materially alter a finding, opinion, or conclusion in this report. Additionally, pursuant to the ASTM E 1527-13 standard, this report is presumed valid if completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction.

7.5.4 Significant Assumptions

During this Phase I ESA, TRC relied on database information; interviews with Site representatives, regulatory officials, and other individuals having knowledge of Site operations; and information provided by the User as requested in our authorized Scope of Work. TRC has assumed that the information provided is true and accurate. Reliance on electronic database search reports is subject to the limitations set forth in those reports. TRC did not independently verify the information provided. TRC found no reason to question the validity of the information received unless explicitly noted elsewhere in this report. If other information is discovered and/or if previous reports exist that were not provided to TRC, our conclusions may not be valid.

8.0 REFERENCES

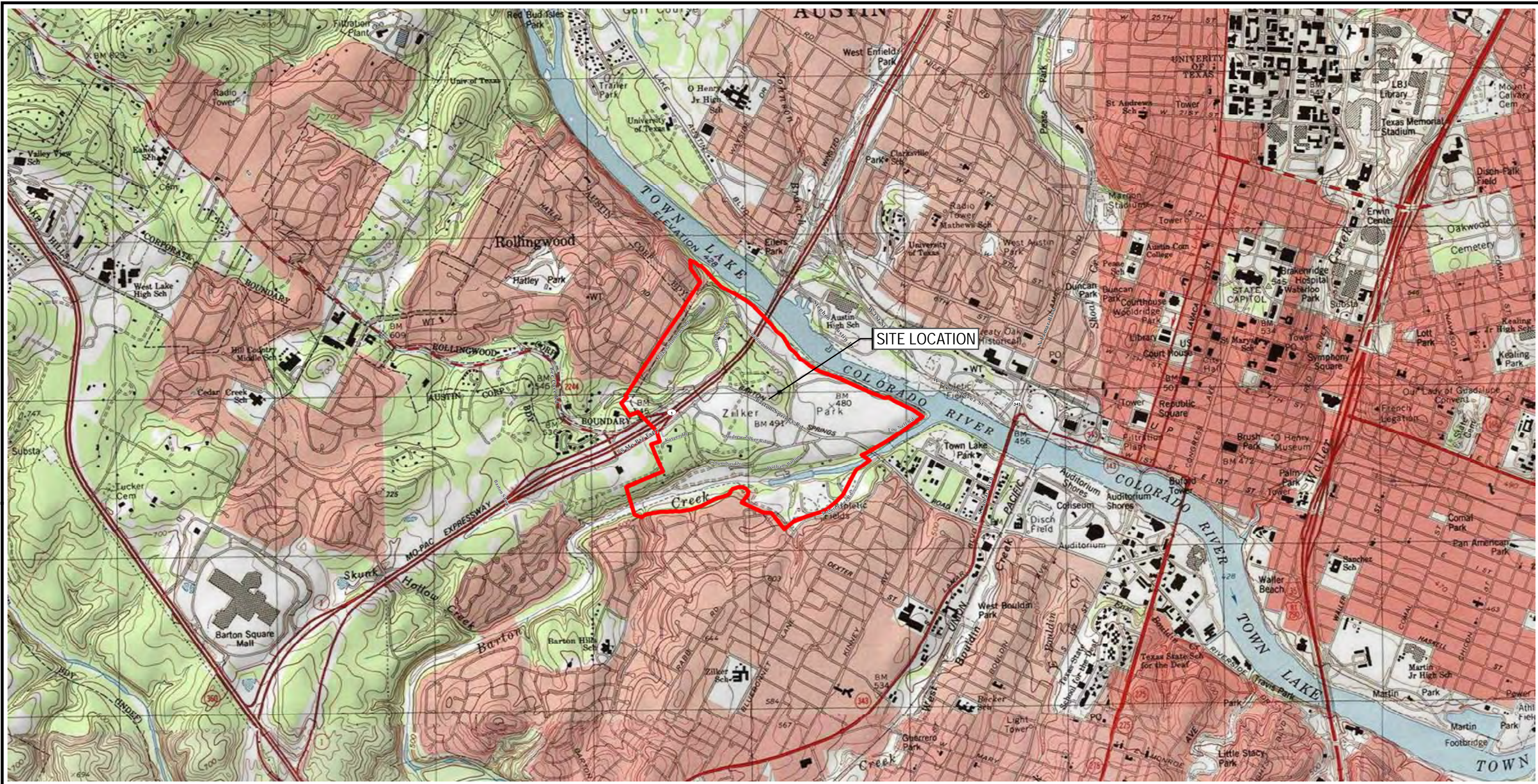
Description/Title of Document(s) Received, Accessed or Agency Contacted	Date Information Accessed or Request Filled/Date of Agency Contact	Reference Source
Aerial Photo Decade Package	May 2019	Environmental Data Resources (EDR®)
Austin History Center, Austin Public Library	June 2019	https://library.austintexas.gov/
Certified Sanborn® Map Report	May 2019	EDR®
City Directory Abstract	May 2019	EDR®
Historical Topo Map Report	May 2019	EDR®
History of Zilker Park	June 2019	Austin History Center, Austin Public Library (PICB 1162)
Landfills in the Vicinity of Austin, Texas	May 2019	Underground Resource Management, 1984
Major Texas Flood of 1935	June 2019	United States Department of the Interior (Ickes, Harold L., 1939)
Radius Map	May 2019	EDR®
Travis County Clerk Web Search	June 2019	http://tccsearch.org/RealEstate/SearchEntry.aspx
Zilker Botanical Garden Historical and Architectural Features	July 2019	http://www.zilker garden.org/gardens/historical.html
Zilker Park Walking Tour Guidebook : A Recreational Visit to the Edwards Limestone as accessed through the University of Texas Libraries	July 2019	http://legacy.lib.utexas.edu/books/landscapes/detail_viewer.php?work_id=298116&state=text&page_tab=details&page_num=58
Texas Water Development Board Groundwater Database	August 2019	https://www2.twdb.texas.gov/apps/WaterDataInteractive/GroundwaterDataViewer/?map=sdr
Texas Parks and Wildlife Department Information about the Barton Springs Salamander	July 2019	https://tpwd.texas.gov/huntwild/wild/species/bartonspringssalamander/
TCEQ Edwards Aquifer Viewer	June 2019	https://tceq.maps.arcgis.com/apps/webappviewer/index.html?id=2e5afa3ba8144c30a49d3dc1ab49edcd
City of Austin Parks and Recreation Department Grounds Maintenance Division Integrated Pest Management Program Manual dated February 15, 2017	May 2019	City of Austin PARD

9.0 ADDITIONAL SERVICES

No additional services were performed during this Phase I ESA.

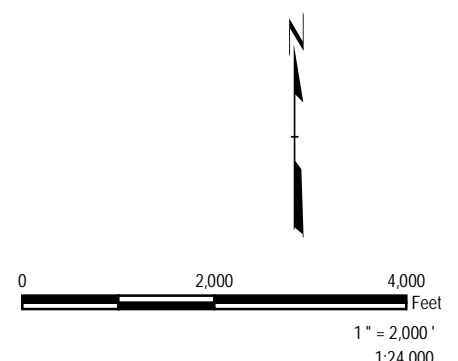
FIGURES

Plot Date: 6/25/2019 11:30:38 AM by SRAY -- LAYOUT: ANSIB(11"x17")
 Path: S:\PROJECTS\City_of_Austin\339575_Zilker_Ph1_ESA\mxd\339575_1.mxd
 Coordinate System: NAD 1983 2011 StatePlane Texas Central FIPS 4203 F1 US (Foot US)
 Map Rotation: 0
 TRC - GIS



LEGEND

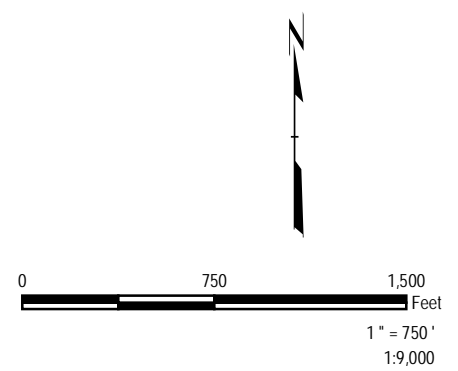
Zilker Metro Park Approximate Boundaries



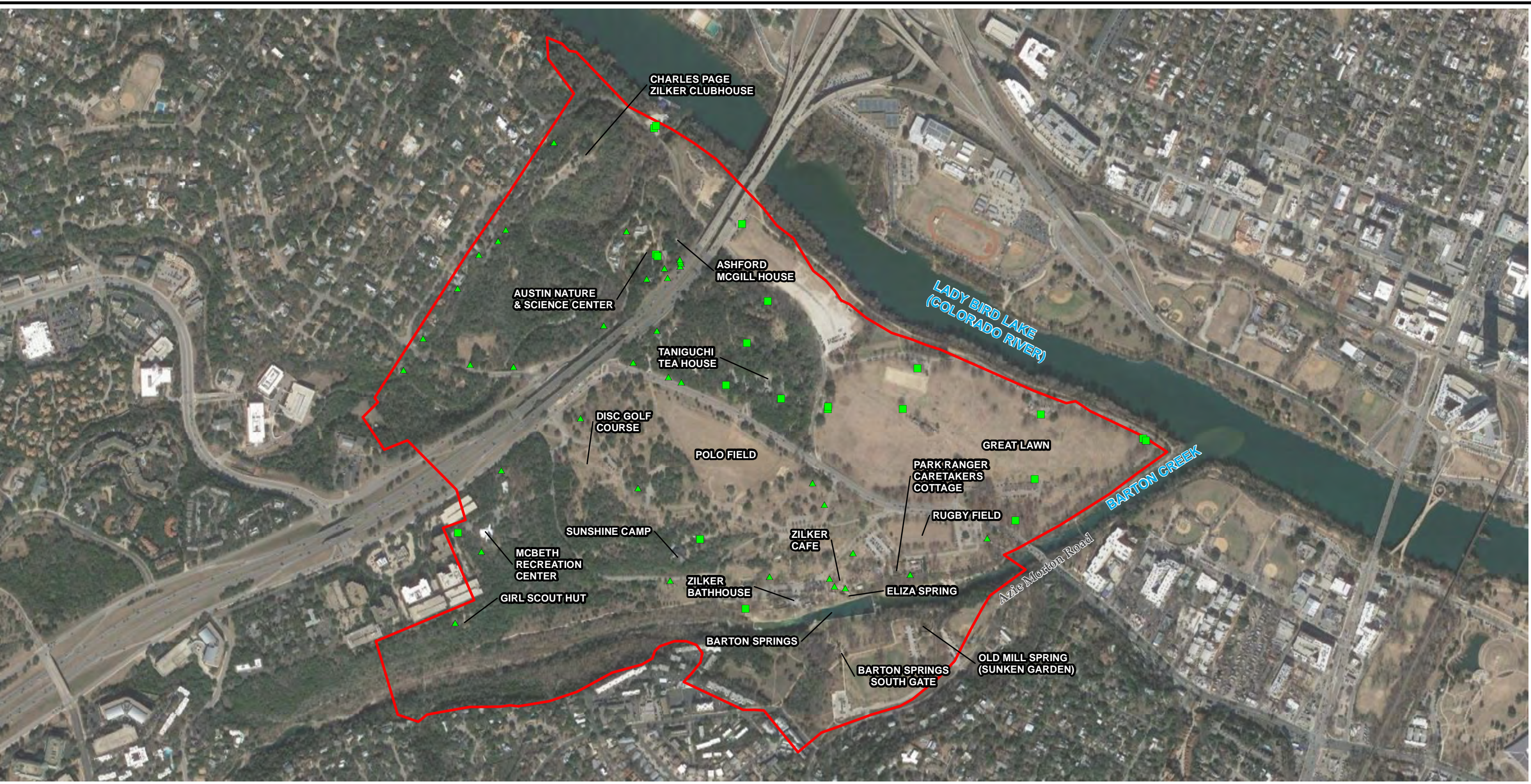
PROJECT: CITY OF AUSTIN PHASE I ESA ZILKER METROPOLITAN PARK AUSTIN, TEXAS 78704	
TITLE: SITE LOCATION MAP	
DRAWN BY: S. RAY	PROJ. NO.: 339575
CHECKED BY:	APPROVED BY:
DATE: JUNE 2019	FIGURE 1
505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
FILE NO.: 339575_1.mxd	



- LEGEND**
- Park Buildings
 - Volleyball Courts
 - Butler Landfill Approximate Boundaries
 - Eliza Spring
 - Zilker Botanical Gardens
 - Zilker Metro Park Approximate Boundaries
 - Maintenance Shed
 - Zilker Hillside Theater
 - Former Pistol/Skeet Range
 - Old Mill Spring
 - Zilker Zephyr Train
 - Bone Yard Area
 - Rock Island



PROJECT:		CITY OF AUSTIN PHASE I ESA ZILKER METROPOLITAN PARK AUSTIN, TEXAS 78704
TITLE:		
SITE FEATURES MAP		
DRAWN BY:	S. RAY	PROJ. NO.: 339575
CHECKED BY:		
APPROVED BY:		
DATE:	JUNE 2019	FIGURE 2
		505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com
FILE NO.:		339575_2.mxd

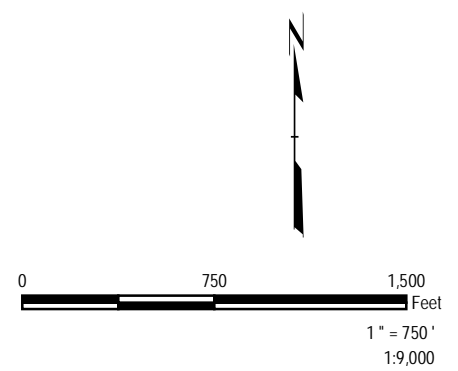


LEGEND

Zilker Metro Park Approximate Boundaries

Transformers

- ▲ Overhead
- Pad-Mount



PROJECT: CITY OF AUSTIN PHASE I ESA ZILKER METROPOLITAN PARK AUSTIN, TEXAS 78704	
TITLE: TRANSFORMER LOCATIONS MAP	
DRAWN BY: S. RAY	PROJ. NO.: 339575
CHECKED BY:	
APPROVED BY:	
DATE: JUNE 2019	
FIGURE 3	
505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
FILE NO.: 339575_3.mxd	

**APPENDIX A:
DATABASE RADIUS REPORT**

Zilker Metro Park

2022-2098 Barton Springs Rd
Austin, TX 78746

Inquiry Number: 5637952.2s
May 01, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	261
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-19
Physical Setting Source Map Findings	A-21
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2022-2098 BARTON SPRINGS RD
AUSTIN, TX 78746

COORDINATES

Latitude (North): 30.2677210 - 30° 16' 3.79"
Longitude (West): 97.7730860 - 97° 46' 23.10"
Universal Tranverse Mercator: Zone 14
UTM X (Meters): 618021.0
UTM Y (Meters): 3348907.5
Elevation: 514 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5935349 AUSTIN WEST, TX
Version Date: 2013

Northeast Map: 5935347 AUSTIN EAST, TX
Version Date: 2013

Southeast Map: 5934995 MONTOPOLIS, TX
Version Date: 2013

Southwest Map: 5934997 OAK HILL, TX
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140813, 20141014
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
2022-2098 BARTON SPRINGS RD
AUSTIN, TX 78746

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ZILKER PARK MAINT	2221 BARTON SPRINGS	UST	Lower	1 ft.
A2	ZILKER PARK RAILROAD	2201 BARTON SPRINGS	UST	Lower	1 ft.
3	BUTLER	S SIDE OF TWON LAKE	CLI	Lower	1 ft.
B4	STAR BRITE CLEANERS	1218 BARTON HILLS DR	DRYCLEANERS	Lower	260, 0.049, South
B5	KENS COIN LAUNDRY	1218 BARTON HILLS D	EDR Hist Cleaner	Lower	260, 0.049, South
B6	7-ELEVEN 16175	1220 BARTON HILLS DR	LPST, UST, DRYCLEANERS	Lower	265, 0.050, South
7	FORMER GROSS CHEMICA	1806 BARTON SPRINGS	IHW CORR ACTION	Lower	299, 0.057, ESE
8	GULF ENERGY EXPLORAT	901 S MO PAC EXPY	EDR Hist Auto	Higher	308, 0.058, WSW
9	SCORING SOLUTIONS GU	803 BARTON BLVD	EDR Hist Auto	Higher	528, 0.100, SE
10	HARTKOPF GAR AUTO	413 STERZING ST	EDR Hist Auto	Lower	529, 0.100, ESE
11	JENKINS SERV STA	1732 BARTON SPRINGS	EDR Hist Auto	Lower	623, 0.118, ESE
C12	AUSTIN TESTING ENGIN	2600 DELLANA LN	RCRA NonGen / NLR, FINDS, ECHO	Higher	705, 0.134, West
C13	AUSTIN TESTING ENGIN	2600 DELLANA LN	Ind. Haz Waste	Higher	705, 0.134, West
D14	GRAN3 FRB AUSTIN	1701 TOOMEY RD	LPST, UST	Lower	805, 0.152, ESE
D15	TASTEX SNACKS	1623 TOOMEY RD	LPST, UST	Lower	904, 0.171, ESE
E16	DEEP EDDY FOOD PLAZA	2407 LAKE AUSTIN BLV	UST, ASBESTOS, Financial Assurance	Lower	1187, 0.225, North
E17	LAKE AUSTIN BLVD 66	2407 LAKE AUSTIN BLV	LPST, Ind. Haz Waste	Lower	1187, 0.225, North
E18	PHILLIPS PETROLEUM C	2407 LAKE AUSTIN BLV	RCRA NonGen / NLR, FINDS, ECHO	Lower	1187, 0.225, North
E19	COMET CLEANERS	2401 LAKE AUSTIN BLV	RCRA-CESQG, FINDS, ECHO	Lower	1261, 0.239, North
E20	STAR BRITE CLEANERS	2401 LAKE AUSTIN BLV	DRYCLEANERS	Lower	1261, 0.239, North
F21	JACK BROWN CLEANERS	2500 LAKE AUSTIN BLV	DRYCLEANERS	Lower	1308, 0.248, North
F22	JACK BROWN CLEANERS	2500 LAKE AUSTIN BLV	UST	Lower	1308, 0.248, North
E23	LAKE AUSTIN CHEVRON	2402 LAKE AUSTIN BLV	LPST, UST, ASBESTOS, Financial Assurance, Ind. Haz...	Lower	1372, 0.260, North
24	GUS'S MARKET	1525 BARTON SPRINGS	LPST, UST, ASBESTOS, Financial Assurance	Lower	1701, 0.322, ESE
G25	CRISWELL BUS TERMINA	1315 W 5TH ST	LPST	Lower	1791, 0.339, ENE
G26	CAPITAL CITY PARTNER	1310 - 1314 WEST 5TH	VCP	Lower	1923, 0.364, ENE
27	G S TYPESETTERS INC	410 BAYLOR ST	LPST	Lower	2016, 0.382, East
28	WIND RIDGE APARTMENT	1300 SPYGLASS DRIVE	VCP	Higher	2139, 0.405, WSW
H29	BARTON SPRINGS TEXAC	424 S LAMAR BLVD	LPST, UST, HIST UST, Financial Assurance, GCC	Lower	2282, 0.432, ESE
30	SEAHOLM DISTRICT UPR	S 3RD STREET BETWEEN	US BROWNFIELDS, FINDS	Lower	2356, 0.446, East
31	PHOENIX MOTOR WORKS	1127 W 6TH ST	LPST, UST	Lower	2410, 0.456, ENE
H32	EXXON SS 63684	500 S LAMAR BLVD	LPST, HIST UST, Ind. Haz Waste	Lower	2441, 0.462, ESE
33	CAPITOL CHEVROLET	501 N LAMAR BLVD	LPST, UST, Ind. Haz Waste	Lower	2554, 0.484, East
34	SEAHOLM DISTRICT UPR	NO ADDRESS RAILROAD	BROWNFIELDS	Lower	2556, 0.484, East
I35	SAFEWAY RENTAL TRACT	311 BOWIE ST.	VCP	Lower	2590, 0.491, East
I36	SAFEWAY RENTAL	311 BOWIE ST	LPST, ASBESTOS	Lower	2590, 0.491, East
37	AUSTIN WATER LIGHT A	W. 5TH STREET	EDR MGP	Lower	3042, 0.576, East
38	AUSTIN GAS LIGHT CO	100 COLORADO ST (COR	EDR MGP	Lower	5106, 0.967, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

SHWS..... State Superfund Registry

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

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

DEBRIS..... DEBRIS

WASTE MGMT..... Commercial Hazardous & Solid Waste Management Facilities

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Petroleum Storage Tank Database

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL..... Sites with Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facility Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL..... CDL

PRIORITYCLEANERS..... Dry Cleaner Remediation Program Prioritization List

DEL SHWS..... Deleted Superfund Registry Sites

US CDL..... National Clandestine Laboratory Register

PFAS..... PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

HIST UST..... Historic Tank Records

EXECUTIVE SUMMARY

NON REGIST PST..... Petroleum Storage Tank Non Registered

Local Land Records

HIST LIENS..... Environmental Liens Listing
LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Database
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing
AIRS..... Current Emission Inventory Data

EXECUTIVE SUMMARY

APAR.....	Affected Property Assessment Report Site Listing
ASBESTOS.....	ASBESTOS
COAL ASH.....	Coal Ash Disposal Sites
ED AQUIF.....	Edwards Aquifer Permits
ENF.....	Notice of Violations Listing
Financial Assurance.....	Financial Assurance Information Listing
GCC.....	Groundwater Contamination Cases
IOP.....	Innocent Owner/Operator Program
LEAD.....	LEAD
MSD.....	Municipal Settings Designations Database
NPDES.....	NPDES Facility List
RWS.....	Radioactive Waste Sites
TIER 2.....	Tier 2 Chemical Inventory Reports
UIC.....	Underground Injection Wells Database Listing
PST STAGE 2.....	PST Stage 2
COMP HIST.....	Compliance History Listing

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: 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. 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COMET CLEANERS</i>	<i>2401 LAKE AUSTIN BLV</i>	<i>N 1/8 - 1/4 (0.239 mi.)</i>	<i>E19</i>	<i>68</i>

EXECUTIVE SUMMARY

EPA ID:: TX0000241489

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

CLI: Closed and abandoned landfills (permitted as well as unauthorized) across the state of Texas. For current information regarding any of the sites included in this database, contact the appropriate Council of Governments agency.

A review of the CLI list, as provided by EDR, has revealed that there is 1 CLI site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BUTLER Database: CAPCOG LI, Date of Government Version: 01/06/2017	S SIDE OF TWON LAKE	0 - 1/8 (0.000 mi.)	3	14

State and tribal leaking storage tank lists

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

A review of the LPST list, as provided by EDR, and dated 03/26/2019 has revealed that there are 13 LPST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN 16175 Status Code: FINAL CONCURRENCE ISSUED, CASE CLOSED LPST Id: 104738 CA Status: 6A - FINAL CONCURRENCE ISSUED Facility ID: 0007142	1220 BARTON HILLS DR	S 0 - 1/8 (0.050 mi.)	B6	17
GRAN3 FRB AUSTIN LPST Id: 95788 CA Status: 6A - FINAL CONCURRENCE ISSUED	1701 TOOMEY RD	ESE 1/8 - 1/4 (0.152 mi.)	D14	34
TASTEX SNACKS LPST Id: 99396 CA Status: 6A - FINAL CONCURRENCE ISSUED	1623 TOOMEY RD	ESE 1/8 - 1/4 (0.171 mi.)	D15	38
LAKE AUSTIN BLVD 66 Status Code: FINAL CONCURRENCE ISSUED, CASE CLOSED LPST Id: 110996 CA Status: 6A - FINAL CONCURRENCE ISSUED Facility ID: 0036469	2407 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.225 mi.)	E17	62
LAKE AUSTIN CHEVRON LPST Id: 91419 CA Status: 6A - FINAL CONCURRENCE ISSUED	2402 LAKE AUSTIN BLV	N 1/4 - 1/2 (0.260 mi.)	E23	84
GUS'S MARKET LPST Id: 91328 CA Status: 6A - FINAL CONCURRENCE ISSUED	1525 BARTON SPRINGS	ESE 1/4 - 1/2 (0.322 mi.)	24	139
CRISWELL BUS TERMINA	1315 W 5TH ST	ENE 1/4 - 1/2 (0.339 mi.)	G25	162

EXECUTIVE SUMMARY

Status Code: FINAL CONCURRENCE ISSUED, CASE CLOSED				
LPST Id: 109325				
CA Status: 6A - FINAL CONCURRENCE ISSUED				
Facility ID: 0048092				
G S TYPESETTERS INC	410 BAYLOR ST	E 1/4 - 1/2 (0.382 mi.)	27	163
LPST Id: 91181				
CA Status: 6A - FINAL CONCURRENCE ISSUED				
BARTON SPRINGS TEXAC	424 S LAMAR BLVD	ESE 1/4 - 1/2 (0.432 mi.)	H29	165
Status Code: FINAL CONCURRENCE PENDING DOCUMENTATION OF WELL PLUGGING				
LPST Id: 116599				
CA Status: 6P - FINAL PENDING WELL PLUG				
Facility ID: 0014808				
PHOENIX MOTOR WORKS	1127 W 6TH ST	ENE 1/4 - 1/2 (0.456 mi.)	31	183
Status Code: FINAL CONCURRENCE ISSUED, CASE CLOSED				
LPST Id: 102019				
CA Status: 6A - FINAL CONCURRENCE ISSUED				
Facility ID: 0065501				
EXXON SS 63684	500 S LAMAR BLVD	ESE 1/4 - 1/2 (0.462 mi.)	H32	194
Status Code: FINAL CONCURRENCE ISSUED, CASE CLOSED				
LPST Id: 103900				
CA Status: 6A - FINAL CONCURRENCE ISSUED				
Facility ID: 0026083				
CAPITOL CHEVROLET	501 N LAMAR BLVD	E 1/4 - 1/2 (0.484 mi.)	33	197
LPST Id: 95067				
CA Status: 6A - FINAL CONCURRENCE ISSUED				
SAFeway RENTAL	311 BOWIE ST	E 1/4 - 1/2 (0.491 mi.)	I36	258
LPST Id: 95362				
CA Status: 6A - FINAL CONCURRENCE ISSUED				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Texas Commission on Environmental Quality's Petroleum Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 03/04/2019 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ZILKER PARK MAINT Facility Status: INACTIVE Facility Id: 18158 Facility Num: 37562 AI Number: 23828752002138	2221 BARTON SPRINGS	0 - 1/8 (0.000 mi.)	A1	8
ZILKER PARK RAILROAD Facility Status: INACTIVE Facility Id: 15424 Facility Num: 54141 AI Number: 248184832002139	2201 BARTON SPRINGS	0 - 1/8 (0.000 mi.)	A2	11
7-ELEVEN 16175	1220 BARTON HILLS DR	S 0 - 1/8 (0.050 mi.)	B6	17

EXECUTIVE SUMMARY

Facility Status: INACTIVE
 Facility Id: 7142
 Facility Num: 46146
 AI Number: 196394982002118

GRAN3 FRB AUSTIN Facility Status: INACTIVE Facility Id: 53538 Facility Num: 95262 AI Number: 565795592002154	1701 TOOMEY RD	ESE 1/8 - 1/4 (0.152 mi.)	D14	34
---	-----------------------	----------------------------------	------------	-----------

TASTEX SNACKS Facility Status: INACTIVE Facility Id: 31197 Facility Num: 95246 AI Number: 190551572002053	1623 TOOMEY RD	ESE 1/8 - 1/4 (0.171 mi.)	D15	38
--	-----------------------	----------------------------------	------------	-----------

DEEP EDDY FOOD PLAZA Facility Status: INACTIVE Facility Id: 36469 Facility Num: 40947 AI Number: 376690952002205	2407 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.225 mi.)	E16	42
---	-----------------------------	--------------------------------	------------	-----------

JACK BROWN CLEANERS Facility Status: INACTIVE Facility Id: 66683 Facility Num: 100238 AI Number: 649470222002054	2500 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.248 mi.)	F22	81
---	-----------------------------	--------------------------------	------------	-----------

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites.

A review of the VCP list, as provided by EDR, has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WIND RIDGE APARTMENT Database: VCP TCEQ, Date of Government Version: 10/01/2018 Facility ID: 2066	1300 SPYGLASS DRIVE	WSW 1/4 - 1/2 (0.405 mi.)	28	164

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAPITAL CITY PARTNER Database: VCP TCEQ, Date of Government Version: 10/01/2018 Facility ID: 1958	1310 - 1314 WEST 5TH	ENE 1/4 - 1/2 (0.364 mi.)	G26	162
SAFEWAY RENTAL TRACT Database: VCP TCEQ, Date of Government Version: 10/01/2018 Facility ID: 1266 Facility ID: 2409	311 BOWIE ST.	E 1/4 - 1/2 (0.491 mi.)	I35	256

EXECUTIVE SUMMARY

State and tribal Brownfields sites

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

A review of the BROWNFIELDS list, as provided by EDR, and dated 12/04/2018 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEAHOLM DISTRICT UPR BF Grant Number: G059	NO ADDRESS RAILROAD	E 1/4 - 1/2 (0.484 mi.)	34	255

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEAHOLM DISTRICT UPR ACRES property ID: 10934	S 3RD STREET BETWEEN	E 1/4 - 1/2 (0.446 mi.)	30	178

Other Ascertainable Records

RCRA NonGen / NLR: 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. 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). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUSTIN TESTING ENGIN EPA ID:: TXD981151160	2600 DELLANA LN	W 1/8 - 1/4 (0.134 mi.)	C12	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PHILLIPS PETROLEUM C EPA ID:: TXD988076162	2407 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.225 mi.)	E18	66

EXECUTIVE SUMMARY

DRYCLEANERS: Drycleaner Registration Database Listing.

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/01/2019 has revealed that there are 4 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STAR BRITE CLEANERS AR Number: 24000679 CN Number: CN602459513 RN Number: RN108723297 Site Status: ACTIVE	1218 BARTON HILLS DR	S 0 - 1/8 (0.049 mi.)	B4	16
7-ELEVEN 16175 AR Number: 24000679 CN Number: CN602459513 RN Number: RN103958898 Site Status: ACTIVE	1220 BARTON HILLS DR	S 0 - 1/8 (0.050 mi.)	B6	17
STAR BRITE CLEANERS AR Number: 24000679 CN Number: CN602459513 RN Number: RN103967402 Site Status: ACTIVE	2401 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.239 mi.)	E20	70
JACK BROWN CLEANERS AR Number: 24000524 CN Number: CN600264543 RN Number: RN101499119 Site Status: ACTIVE	2500 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.248 mi.)	F21	75

Ind. Haz Waste: The Industrial and Hazardous Waste Database contains summary reports by waste handlers, generators and shippers in Texas.

A review of the Ind. Haz Waste list, as provided by EDR, and dated 01/04/2019 has revealed that there are 2 Ind. Haz Waste sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUSTIN TESTING ENGIN Registration Number: 67469	2600 DELLANA LN	W 1/8 - 1/4 (0.134 mi.)	C13	32
Lower Elevation LAKE AUSTIN BLVD 66 Registration Number: 80682	2407 LAKE AUSTIN BLV	N 1/8 - 1/4 (0.225 mi.)	E17	62

IHW CORR ACTION: Industrial hazardous waste facilities with corrective actions.

A review of the IHW CORR ACTION list, as provided by EDR, and dated 01/14/2019 has revealed that there is 1 IHW CORR ACTION site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER GROSS CHEMICA RN NUM: RN105580823	1806 BARTON SPRINGS	ESE 0 - 1/8 (0.057 mi.)	7	29

EXECUTIVE SUMMARY

Program Id: T2294
Status: INACTIVE

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUSTIN WATER LIGHT A	W. 5TH STREET	E 1/2 - 1 (0.576 mi.)	37	259
AUSTIN GAS LIGHT CO	100 COLORADO ST (COR	E 1/2 - 1 (0.967 mi.)	38	260

EDR Hist Auto: 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GULF ENERGY EXPLORAT	901 S MO PAC EXPY	WSW 0 - 1/8 (0.058 mi.)	8	29
SCORING SOLUTIONS GU	803 BARTON BLVD	SE 0 - 1/8 (0.100 mi.)	9	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HARTKOPF GAR AUTO	413 STERZING ST	ESE 0 - 1/8 (0.100 mi.)	10	30
JENKINS SERV STA	1732 BARTON SPRINGS	ESE 0 - 1/8 (0.118 mi.)	11	30

EXECUTIVE SUMMARY

EDR Hist Cleaner: 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

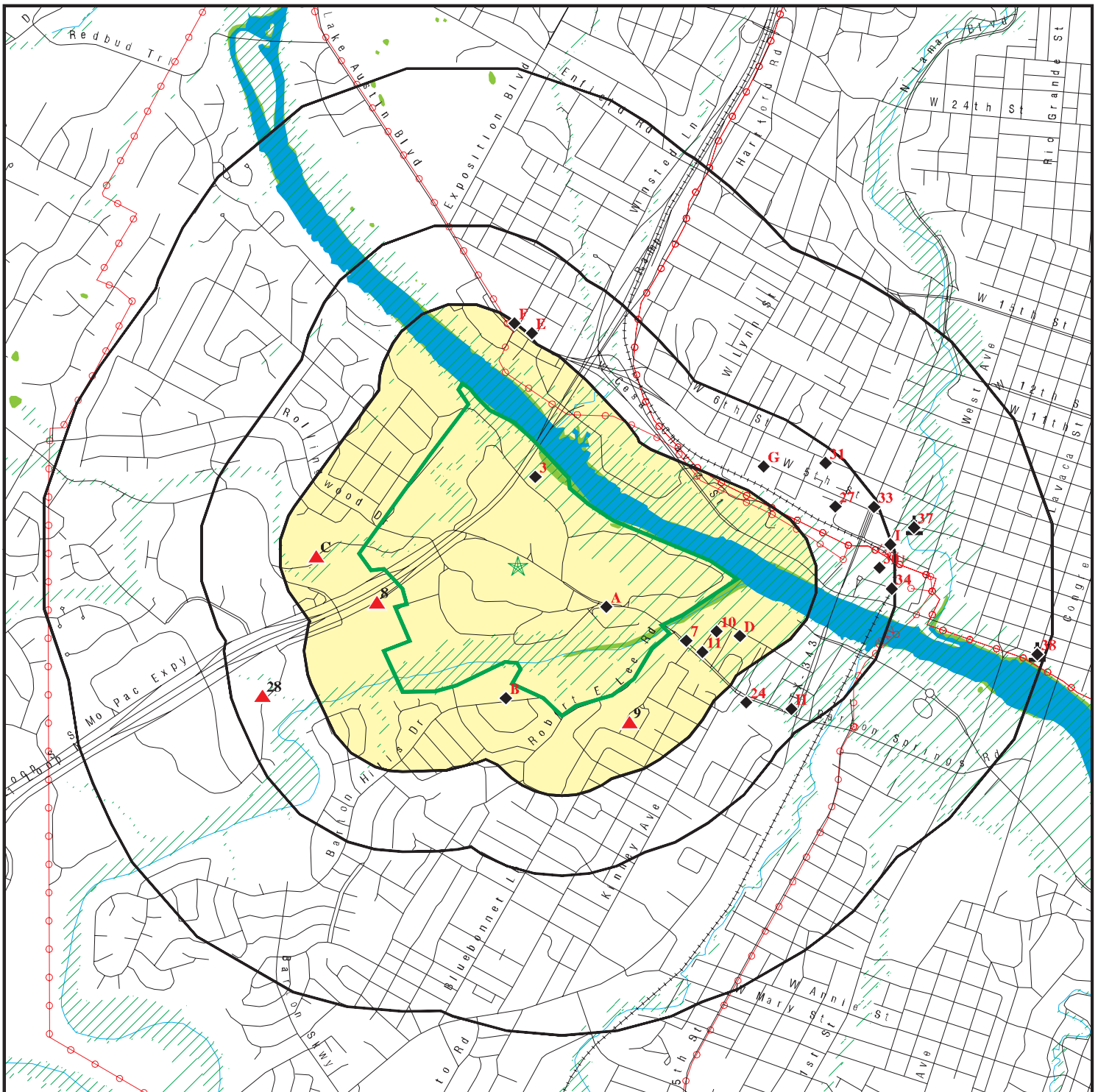
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KENS COIN LAUNDRY	1218 BARTON HILLS D	S 0 - 1/8 (0.049 mi.)	B5	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
AUSTIN GAS LIGHT CO. CITY OF AUSTIN ZILKER PARK 29WAT R907222	SEMS-ARCHIVE SWF/LF LPST

OVERVIEW MAP - 5637952.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

0 1/4 1/2 1 Miles

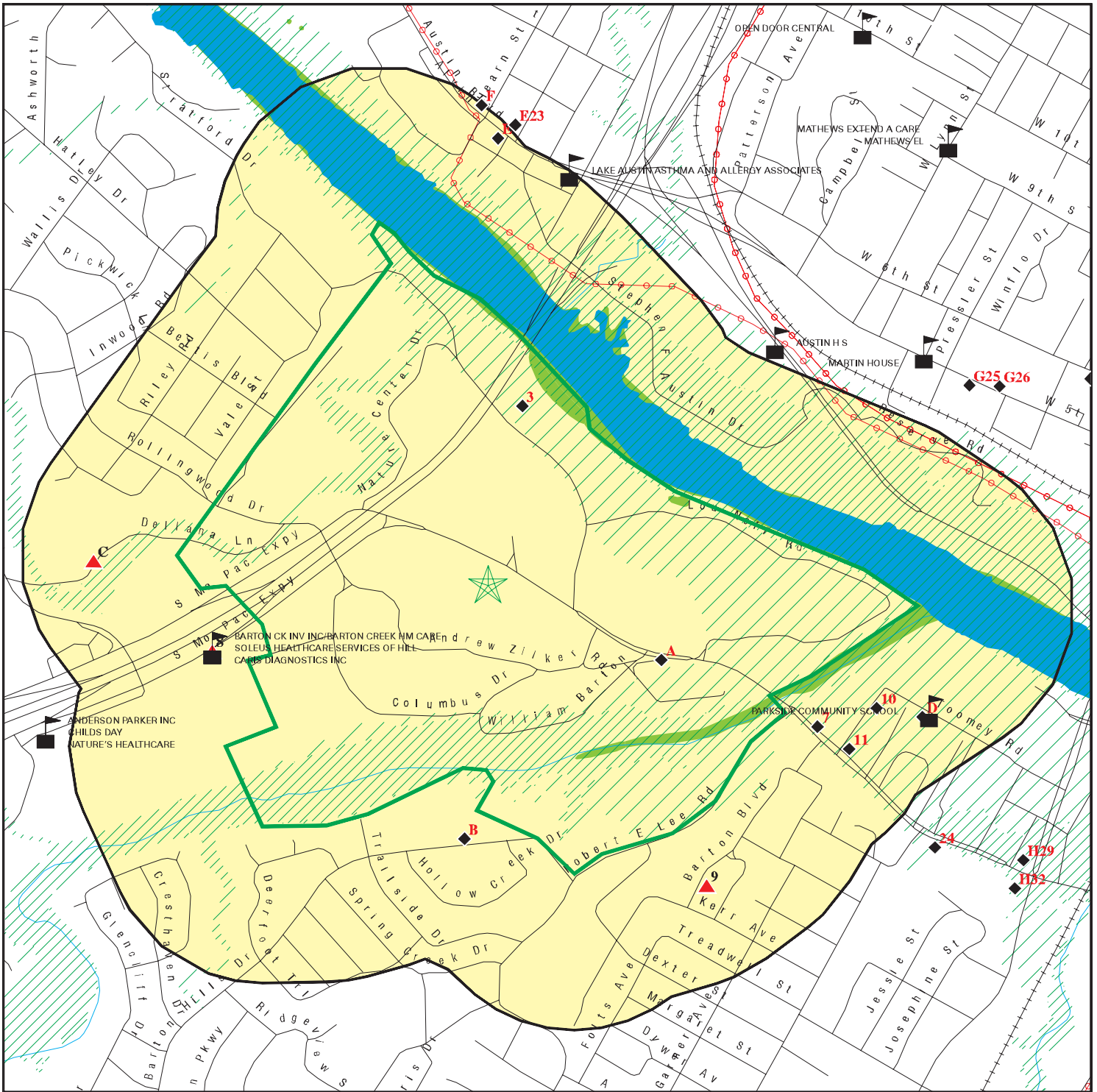















This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Zilker Metro Park
 ADDRESS: 2022-2098 Barton Springs Rd
 Austin TX 78746
 LAT/LONG: 30.267721 / 97.773086

CLIENT: TRC
 CONTACT: Michael Bohmfalk
 INQUIRY #: 5637952.2s
 DATE: May 01, 2019 9:16 am

DETAIL MAP - 5637952.2S



-  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
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

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: Zilker Metro Park
 ADDRESS: 2022-2098 Barton Springs Rd
 Austin TX 78746
 LAT/LONG: 30.267721 / 97.773086

CLIENT: TRC
 CONTACT: Michael Bohmfalk
 INQUIRY #: 5637952.2s
 DATE: May 01, 2019 9:19 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
DEBRIS	0.500		0	0	0	NR	NR	0
CLI	0.500		1	0	0	NR	NR	1
WASTE MGMT	TP		NR	NR	NR	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LPST	0.500		1	3	9	NR	NR	13
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	4	NR	NR	NR	7
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	3	NR	NR	3
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
PRIORITYCLEANERS	0.500		0	0	0	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		0	0	NR	NR	NR	0
NON REGIST PST	0.250		0	0	NR	NR	NR	0
Local Land Records								
HIST LIENS	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
APAR	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		2	2	NR	NR	NR	4
ED AQUIF	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GCC	TP		NR	NR	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **ZILKER PARK MAINT**
2221 BARTON SPRINGS RD
< 1/8 **AUSTIN, TX 78746**
1 ft.

UST **U001542532**
N/A

Site 1 of 2 in cluster A

Relative:
Lower

UST:

Actual:
473 ft.

AI Number: 18158
Facility Type: FLEET REFUELING
Facility Begin Date: 09/02/1986
Facility Status: INACTIVE
Additional ID: 23828752002138
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: No
Number Of Active UST: 0
Site Location Description: Not reported
Site Location (Nearest City Name): Not reported
Site Location (County Name): TRAVIS
Site Location (Tceq Region): 11
Site Location (Location Zip): 78767
Contact Name/Title: C E MCCAMANT,TECH
Contact Organization Name: ZILKER PARK MAINT
Contact Mailing Address1: Not reported
Contact Mailing Address2: Not reported
Contact Mailing City/State/Zip: Not reported
Contact Telephone: 5124724914
Facility Contact Address Deliverable: Not reported
Contact Fax Number: Not reported
Contact Email Address: Not reported
Signature Date On Earliest Reg Form: 04/15/1992
Signature Name/Title On Earliest Reg Form: J A LINNEMANN,MGR
Application Received Date On Earliest Reg Form: 05/08/1986
Signature Role On Earliest Reg Form: Not reported
Signature Company On Earliest Reg Form: Not reported
Enforcement Action: Not reported
Facility Not Inspectable: No

Owner:

Owner CN: CN600135198
Owner Last Name: CITY OF AUSTIN
Owner First Name: Not reported
Owner Middle Name: Not reported
Owner Type: CI
Contact Mailing Address (Delivery): Not reported
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City: Not reported
Contact Mailing State: Not reported
Contact Mailing Zip: Not reported
Contact Mailing Zip5: Not reported
Contact Phone Number/Ext: /
Contact Fax Country Code: Not reported
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Not reported
Princ ID: 840354562001227
Additional ID: 23828752002138
AI Number: 18158
Owner Effective Begin Date: 09/02/1986
State Tax ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZILKER PARK MAINT (Continued)

U001542532

Contact Role: Not reported
 Contact Name/Title: /
 Contact Organization Name: Not reported

Tank:

Install Date: 01/01/1966
 Tank Registration Date: 05/08/1986
 Number of Compartments: 1
 Tank Capacity: 560
 Tank Singlewall: Y
 Tank Doublewall: N
 Pipe Type: S
 UST ID: 46966
 Facility ID: 37562
 Ai Number: 18158
 Tank Id: 1
 Tank Status (Current): REMOVED FROM GROUND
 Tank Status Date: 04/28/1994
 Empty: N
 Tank Regulatory Status: FULLY REGULATED
 Tank Int Prot (Internal Tank Lining Date): Not reported
 Piping Design (Single Wall): Y
 Piping Design (Double Wall): N
 Tank Ext Cont(Fac-Built Nonmetallic Jacket): N
 Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Tank Ext Cont(Tank Vault/Rigid Trench Liner): N
 Piping Ext Cont(Fac-Built Nonmetallic Jacket): N
 Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Piping Ext Cont(Tank Vault/Rigid Trench Liner): N
 Tank Material (Steel): Y
 Tank Material(Frp(Fiberglass-Reinforced Plastic): N
 Tank Mat(Composite (Steel W/Ext Frp Cladding)): N
 Tank Mat(Concrete): N
 Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)): N
 Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)): N
 Piping Material (Steel): Y
 Piping Mat(Frp(Fiberglass Reinforced Plastic): N
 Piping Mat(Concrete): N
 Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)): N
 Piping Mat(Nonmetallic Flex Piping): N
 PipingConnect/Valves(Shear/Impact Valves(Under Disp)): N
 Piping Connect/Valves(Steel Swing-Joints(End Of Piping)): N
 Piping Connect/Valves (Flex Connectors(Ends Of Piping)): N
 Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation): N
 TCPM (ExtDielectricCoat/Laminate/Tape/Wrap): N
 TCPM(Cathodic Prot-FacInstallation): N
 TCPM(Composite Tank(Steel W/Frp Ext Laminate): N
 TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate): N
 TCPM(FRP Tank Or Piping(Noncorrodible)): N
 TCPM(Ext Nonmetallic Jacket): N
 TCPMeth(Unnecessary Per Corrosion Prot Spec): N
 Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap): N
 Piping Corr Prot Method(PCPM) (Cathodic Factory Install): N
 PCPM(Cathodic Prot-Field Install): N
 PCPMeth (FRP Tank Or Piping(Noncorrodible): N
 PCPM(Nonmetallic FlexPiping (Noncorrodible)): N
 PCPMeth(Isolated Open Area/2nd Containment): N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZILKER PARK MAINT (Continued)

U001542532

PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	03/20/1990
Compartment Records:	
Tank ID:	1
Tank Capacity:	560
UST Comprt ID:	295
UST ID:	46966
AI Number:	18158
Compartment ID:	A
Substance Stored1:	EMPTY
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Facility Billing Contacts:

Contact Organization Name: CITY OF AUSTIN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZILKER PARK MAINT (Continued)

U001542532

Contact Mailing Address (Delivery):	6400 BOLM RD
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN, TX 78721 3639
Phone Number/Ext:	/
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y
Facility ID:	37562
Additional ID:	23828752002138
Princ ID:	840354562001227
AI Number:	18158
Facility Name:	ZILKER PARK MAINT
AR Number:	Not reported
AR UST Number Suffix:	Not reported
AR AST Number Suffix:	Not reported
Contact Name/Title:	/

A2

**ZILKER PARK RAILROAD
 2201 BARTON SPRINGS RD
 AUSTIN, TX 78746**

**UST U001250722
 N/A**

< 1/8
 1 ft.

Site 2 of 2 in cluster A

**Relative:
 Lower**

UST:

**Actual:
 471 ft.**

AI Number:	15424
Facility Type:	UNKNOWN
Facility Begin Date:	08/15/1986
Facility Status:	INACTIVE
Additional ID:	248184832002139
Facility Exempt Status:	N
Records Off-Site:	No
UST Financial Assurance Required:	No
Number Of Active UST:	0
Site Location Description:	Not reported
Site Location (Nearest City Name):	Not reported
Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78746
Contact Name/Title:	C BEALL,PRES
Contact Organization Name:	ZILKER PARK RAILROAD
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5124788167
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	04/18/1986
Signature Name/Title On Earliest Reg Form:	C BEALL,PRES
Application Received Date On Earliest Reg Form:	05/08/1986
Signature Role On Earliest Reg Form:	Not reported
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	Not reported
Facility Not Inspectable:	No
Owner:	
Owner CN:	CN601208820

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZILKER PARK RAILROAD (Continued)

U001250722

Owner Last Name:	ZILKER EAGLE INC
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	CO
Contact Mailing Address (Delivery):	Not reported
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	Not reported
Contact Mailing State:	Not reported
Contact Mailing Zip:	Not reported
Contact Mailing Zip5:	Not reported
Contact Phone Number/Ext:	/
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	238184832002139
Additional ID:	248184832002139
AI Number:	15424
Owner Effective Begin Date:	08/15/1986
State Tax ID:	17423744469
Contact Role:	Not reported
Contact Name/Title:	/
Contact Organization Name:	Not reported

Tank:

Install Date:	01/01/1963
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	1000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	39542
Facility ID:	54141
Ai Number:	15424
Tank Id:	1
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	04/15/1994
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZILKER PARK RAILROAD (Continued)

U001250722

Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	10/29/1990
Compartment Records:	
Tank ID:	1
Tank Capacity:	1000
UST Comprt ID:	51892
UST ID:	39542
AI Number:	15424
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZILKER PARK RAILROAD (Continued)

U001250722

PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Facility Billing Contacts:

Contact Organization Name:	ZILKER EAGLE INC
Contact Mailing Address (Delivery):	1515 S CAPITAL OF TEXAS HWY STE 410
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN, TX 78746 6575
Phone Number/Ext:	/
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y
Facility ID:	54141
Additional ID:	248184832002139
Princ ID:	238184832002139
AI Number:	15424
Facility Name:	ZILKER PARK RAILROAD
AR Number:	Not reported
AR UST Number Suffix:	Not reported
AR AST Number Suffix:	Not reported
Contact Name/Title:	CHARLES BEALL/

3

BUTLER
S SIDE OF TWON LAKE IN ZILKER PARK AT MOPAC BRIDGE
TRAVIS (County), TX

CLI S118454905
N/A

< 1/8
 1 ft.

Relative:
Lower
Actual:
469 ft.

CAPCOG LI:

Type Facility:	Not reported
Site Status:	Not reported
Date Open:	1948
Date Close:	1967
Unum:	884
Permit No:	Not reported
Near City:	Not reported
Latitude Deg:	30
Latitude Min:	16.309999999999999
Longitude Deg:	97
Longitude Min:	46.329999999999998
Lat Dd:	30.271833000000001
Long Dd:	-97.772166999999996
Accuracy:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUTLER (Continued)

S118454905

Date Rec:	Not reported
County Cd:	Not reported
Region Cd:	Not reported
Etj1:	Not reported
Amendment:	Not reported
Source:	2
App Name:	Not reported
App Address:	Not reported
App City:	Not reported
App State:	Not reported
App Zip:	Not reported
App Areacd:	Not reported
App Phone:	Not reported
Per Status:	Not reported
Orig Acres:	Not reported
Pop Served:	Not reported
Area Serve:	Not reported
Tons Day:	Not reported
Yds Day:	Not reported
Est Cl Dt:	Not reported
River Cd:	Not reported
Bus Cd:	Not reported
Owner Name:	City Of Austin
Owner Add:	Not reported
Owner City/State/Zip:	Not reported
Stat Rem:	Not reported
Resp Eng:	Not reported
Stat date:	Not reported
A Open Dat:	Not reported
A Close Da:	Not reported
Update:	0
Reviewer1:	Not reported
Confidence:	GENERAL BOUNDARIES
Cog1:	12
Twc Dist:	14
Size Acres:	0
Size Cuyds:	Not reported
Parties1:	Austin
Household:	Y
Const Demo:	Not reported
Industrial1:	Not reported
Tires1:	Not reported
Agriculture:	Not reported
Brush:	Not reported
Other:	Not reported
Other Des:	Not reported
Haz Unlike:	Not reported
Haz Prob:	Not reported
Haz Cert:	Not reported
Legal:	Y
Unauthor:	Not reported
Max Depth:	30
Depth Cd:	B
Final Cov:	Not reported
Min Thick:	B
Use:	Uk
Inspection:	???

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUTLER (Continued)

S118454905

Comment: Identified in list of Travis County sites;

B4
South
< 1/8
0.049 mi.
260 ft.

STAR BRITE CLEANERS
1218 BARTON HILLS DR
AUSTIN, TX 78704

DRYCLEANERS

S118466508
N/A

Site 1 of 3 in cluster B

Relative:
Lower
Actual:
506 ft.

DRYCLEANERS:
RN Number: RN108723297
Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR15899
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: Not reported
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2017
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN108723297
Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR15899
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: Not reported
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2016
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN108723297
Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR15899
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STAR BRITE CLEANERS (Continued)

S118466508

EEmail: STARBRITECLEANERSTX@GMAIL.COM
 Phone Number: 512 4724676
 Site Name: Not reported
 Site Type: DROP STATION REGISTRATION
 Site Status: ACTIVE
 Fiscal Year: FY2018
 Solvent: Not reported
 Gallons: Not reported
 Part Stat: YES
 Gross Receipts: > \$150,000

B5
 South
 < 1/8
 0.049 mi.
 260 ft.

KENS COIN LAUNDRY
1218 BARTON HILLS DR
AUSTIN, TX 78704

EDR Hist Cleaner 1013781747
N/A

Site 2 of 3 in cluster B

Relative:
Lower

EDR Hist Cleaner

Actual:
506 ft.

Year:	Name:	Type:
1980	KENS COIN LAUNDRY	LAUNDRIES-SELF SERVE
1984	ROYAL TOUCH CLEANERS	CLEANERS AND DYERS
1986	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1987	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1988	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1989	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1990	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1991	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1992	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1993	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1994	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1995	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1996	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1997	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1998	ROYAL TOUCH CLEANERS	Garment Pressing And Cleaners' Agents
1999	GIESECKE AND NELSON INC	Garment Pressing And Cleaners' Agents
2000	GIESECKE AND NELSON INC	Garment Pressing And Cleaners' Agents
2009	STAR BRITE CLEANERS	Laundry And Drycleaner Agents
2010	STAR BRITE CLEANERS	Laundry And Drycleaner Agents
2011	STAR BRITE CLEANERS	Laundry And Drycleaner Agents
2012	STAR BRITE CLEANERS	Laundry And Drycleaner Agents
2013	STAR BRITE CLEANERS	Laundry And Drycleaner Agents
2014	STAR BRITE CLEANERS	Laundry And Drycleaner Agents

B6
 South
 < 1/8
 0.050 mi.
 265 ft.

7-ELEVEN 16175
1220 BARTON HILLS DR
AUSTIN, TX 78704

LPST U001243565
UST N/A
DRYCLEANERS

Site 3 of 3 in cluster B

Relative:
Lower

LPST:

Actual:
506 ft.

Facility ID: 0007142
 LPST Id: 104738
 Facility Location: 1220 BARTON HILLS DRIVE
 TCEQ Region# and City: REGION 11 - AUSTIN
 Region City: AUSTIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Reported Date: 11/12/1992
Entered Date: 10/23/1992
Priority: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
Program: 2 - REGION
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP
Status: FINAL CONCURRENCE ISSUED, CASE CLOSED
Coordinators Primary: 2
Coordinators RPR: RPR
Responsible Party Name: Not reported
Responsible Party Contact: ROD TOWNS
Responsible Party Address: 2711 HASKELL AVE
Responsible Party City,St,Zip: DALLAS, TX 75221
Responsible Party Telephone: 214/828-6580
Reported Date: 09/21/1992
Case Start Date: 09/21/1992

UST:

AI Number: 7142
Facility Type: RETAIL
Facility Begin Date: 07/08/1986
Facility Status: INACTIVE
Additional ID: 196394982002118
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: No
Number Of Active UST: 0
Site Location Description: Not reported
Site Location (Nearest City Name): Not reported
Site Location (County Name): TRAVIS
Site Location (Tceq Region): 11
Site Location (Location Zip): 78704
Contact Name/Title: ,
Contact Organization Name: 7-ELEVEN 16175
Contact Mailing Address1: Not reported
Contact Mailing Address2: Not reported
Contact Mailing City/State/Zip: Not reported
Contact Telephone: 2149070711
Facility Contact Address Deliverable: Not reported
Contact Fax Number: Not reported
Contact Email Address: Not reported
Signature Date On Earliest Reg Form: 04/23/1986
Signature Name/Title On Earliest Reg Form: CHAS BECK,DIV MGR
Application Received Date On Earliest Reg Form: 05/08/1986
Signature Role On Earliest Reg Form: Not reported
Signature Company On Earliest Reg Form: Not reported
Enforcement Action: Not reported
Facility Not Inspectable: No

Owner:

Owner CN: CN600240329
Owner Last Name: 7-ELEVEN INC
Owner First Name: Not reported
Owner Middle Name: Not reported
Owner Type: CO
Contact Mailing Address (Delivery): Not reported
Contact Mailing Address (Internal Delivery): Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Contact Mailing City:	Not reported
Contact Mailing State:	Not reported
Contact Mailing Zip:	Not reported
Contact Mailing Zip5:	Not reported
Contact Phone Number/Ext:	/
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	959578622001257
Additional ID:	196394982002118
AI Number:	7142
Owner Effective Begin Date:	07/08/1986
State Tax ID:	17510851318
Contact Role:	Not reported
Contact Name/Title:	/
Contact Organization Name:	Not reported

Tank:

Install Date:	01/01/1977
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	10000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	18511
Facility ID:	46146
Ai Number:	7142
Tank Id:	1
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	09/21/1992
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/14/1990

Compartment Records:

Tank ID:	1
Tank Capacity:	10000
UST Comprt ID:	25975
UST ID:	18511
AI Number:	7142
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1977
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	10000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	18512
Facility ID:	46146
Ai Number:	7142
Tank Id:	3
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	09/21/1992
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/14/1990
Compartment Records:	
Tank ID:	3
Tank Capacity:	10000
UST Comprt ID:	25976
UST ID:	18512
AI Number:	7142
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Stage 1 Installation Date:	Not reported
Install Date:	01/01/1977
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	10000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	18513
Facility ID:	46146
Ai Number:	7142
Tank Id:	2
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	09/21/1992
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/14/1990
Compartment Records:	
Tank ID:	2
Tank Capacity:	10000
UST Comprt ID:	25977
UST ID:	18513
AI Number:	7142
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Facility Billing Contacts:	
Contact Organization Name:	7-ELEVEN INC
Contact Mailing Address (Delivery):	PO BOX 711
Contact Mailing Address (Internal Delivery):	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Contact Mailing City/State/Zip: DALLAS, TX 75221 0711
Phone Number/Ext: 210 8293545/0
Contact Fax Number/Ext: /
Contact Email Address: raymond.mcniece@7-11.com
Contact Address Deliverable: Y
Facility ID: 46146
Additional ID: 196394982002118
Princ ID: 959578622001257
AI Number: 7142
Facility Name: 7-ELEVEN 16175
AR Number: 3971
AR UST Number Suffix: Not reported
AR AST Number Suffix: U
Contact Name/Title: RAYMOND MCNIECE/

DRYCLEANERS:

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2004
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: Not reported

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2005
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2006
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2007
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2008
Solvent: Not reported
Gallons: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2009
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2010
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Fiscal Year: FY2011
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2012
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2013
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103958898
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN 16175 (Continued)

U001243565

Site Name: STAR BRITE CLEANERS
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2014
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

7
ESE
< 1/8
0.057 mi.
299 ft.

FORMER GROSS CHEMICAL
1806 BARTON SPRINGS RD
AUSTIN, TX 78704

IHW CORR ACTION S113417012
N/A

Relative:
Lower
Actual:
474 ft.

IHW CORR ACTION:
Program Id: T2294
Location Desc: NW CORNER BARTON SPRINGS RD AND STERZING ST AUSTIN TX
RN NUM: RN105580823
Status: INACTIVE
Status Date: 12/04/2008
EDR Link ID: T2294

8
WSW
< 1/8
0.058 mi.
308 ft.

GULF ENERGY EXPLORATION CORP
901 S MO PAC EXPY
AUSTIN, TX 78746

EDR Hist Auto 1020569111
N/A

Relative:
Higher
Actual:
560 ft.

EDR Hist Auto
Year: Name: Type:
2011 GULF ENERGY EXPLORATION CORP Gasoline Service Stations, NEC
2012 GULF ENERGY EXPLORATION CORP Gasoline Service Stations, NEC
2013 GULF ENERGY EXPLORATION CORP Gasoline Service Stations, NEC
2014 GULF ENERGY EXPLORATION CORP Gasoline Service Stations, NEC

9
SE
< 1/8
0.100 mi.
528 ft.

SCORING SOLUTIONS GULF
803 BARTON BLVD
AUSTIN, TX 78704

EDR Hist Auto 1021749366
N/A

Relative:
Higher
Actual:
559 ft.

EDR Hist Auto
Year: Name: Type:
2011 SCORING SOLUTIONS GULF Gasoline Service Stations, NEC
2012 SCORING SOLUTIONS GULF Gasoline Service Stations, NEC

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

10 ESE < 1/8 0.100 mi. 529 ft.	HARTKOPF GAR AUTO 413 STERZING ST SOUTH AUSTIN, TX	EDR Hist Auto	1013769512 N/A
Relative:	EDR Hist Auto		
Lower			
Actual:	Year: Name:	Type:	
454 ft.	1962 HARTKOPF GAR AUTO	AUTOMOBILE REPAIRING	

11 ESE < 1/8 0.118 mi. 623 ft.	JENKINS SERV STA 1732 BARTON SPRINGS RD SOUTH AUSTIN, TX	EDR Hist Auto	1013763782 N/A
Relative:	EDR Hist Auto		
Lower			
Actual:	Year: Name:	Type:	
466 ft.	1953 PAT S CONOCO SERV	GASOLINE STATIONS	
	1958 JENKINS SERV STA	GASOLINE STATIONS	

C12 West 1/8-1/4 0.134 mi. 705 ft.	AUSTIN TESTING ENGINEERS 2600 DELLANA LN AUSTIN, TX 78746	RCRA NonGen / NLR FINDS ECHO	1000412186 TXD981151160
	Site 1 of 2 in cluster C		
Relative:	RCRA NonGen / NLR:		
Higher	Date form received by agency: 08/23/2001		
Actual:	Facility name: AUSTIN TESTING ENGINEERS		
532 ft.	Facility address: 2600 DELLANA LN		
	AUSTIN, TX 78746		
	EPA ID: TXD981151160		
	Mailing address: DELLANA LANE		
	AUSTIN, TX 78746		
	Contact: TED PARSONS		
	Contact address: DELLANA LANE		
	AUSTIN, TX 78746		
	Contact country: US		
	Contact telephone: 512-327-3405		
	Contact email: Not reported		
	EPA Region: 06		
	Classification: Non-Generator		
	Description: Handler: Non-Generators do not presently generate hazardous waste		
	Owner/Operator Summary:		
	Owner/operator name: AUSTIN TESTING ENGINEERS		
	Owner/operator address: DELLANA LANE		
	AUSTIN, TX 78746		
	Owner/operator country: US		
	Owner/operator telephone: 512-327-3405		
	Owner/operator email: Not reported		
	Owner/operator fax: Not reported		
	Owner/operator extension: Not reported		
	Legal status: Private		
	Owner/Operator Type: Owner		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUSTIN TESTING ENGINEERS (Continued)

1000412186

Owner/Op start date: 08/23/2001
Owner/Op end date: Not reported

Owner/operator name: AUSTIN TESTING ENGINEERS
Owner/operator address: DELLANA LANE
AUSTIN, TX 78746

Owner/operator country: US
Owner/operator telephone: 512-327-3405
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/23/2001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/23/1986
Site name: AUSTIN TESTING ENGRS
Classification: Not a generator, verified

. Waste code: D000
. Waste name: Not Defined

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUSTIN TESTING ENGINEERS (Continued)

1000412186

FINDS:

Registry ID: 110005087556

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000412186
 Registry ID: 110005087556
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005087556>

C13
West
1/8-1/4
0.134 mi.
705 ft.

AUSTIN TESTING ENGINEERS
2600 DELLANA LN
AUSTIN, TX 78746
Site 2 of 2 in cluster C

Ind. Haz Waste S102750643
N/A

Relative:
Higher
Actual:
532 ft.

Ind. Haz Waste:
 Registration Number: 67469
 Registration Initial Notification Date: 09/30/1985
 Registration Last Amendment Date: 08/23/2001
 EPA Identification: TXD981151160
 Primary NAICS Code: Not reported
 Status Change Date: 19850930
 Land Type: PRIVATE
 Description of Facility Site Location: 2600 Dellana Ln, Austin, TX
 Site Primary Standard Industrial Code: Not reported
 Site Primary SIC Description: Not reported
 Registration is Generator of Waste: Yes
 Registration is Receivers of Waste: No
 Registration is Transporter of Waste: No
 Registration is Transfer Facility: No
 Facility is STEERS Reporter: No
 Required to Submit Annual Waste Summary: No
 Facility Involved In Recycling: No
 Revcr Has Monthly Reporting Requirement: 0
 Mexican Facility: Not reported
 Type of Generator: NON INDUS, CLASS1
 TNRCC Region: Not reported
 Company Name: AUSTIN TESTING ENGINEERS
 Contact Name: TED PARSONS
 Contact Telephone Number: 512-3273405
 Mailing Address: 2600 DELLANA LN
 Mailing Address2: Not reported
 Mailing City, St, Zip: AUSTIN, TX 787465781
 Mailing County: UNITED STATES
 Facility Country: UNITED STATES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUSTIN TESTING ENGINEERS (Continued)

S102750643

TNRCC Facility ID: 22585
Site Owner Tax ID: 0
Site Location Latitude: -00.000
Site Location Longitude: -000.000
Last Update to NOR Data: 20021106
Ind. waste permit Number: Not reported
Mun waste permit Number: Not reported
Non Notifier: No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address: 2600 DELLANA LN
Owner Mailing Address2: Not reported
Owner Mailing Address3: Not reported
Owner City,St,Zip: AUSTIN, TX 78746 5781
Owner Country: UNITED STA
Owner Phone Number: 1-512-3273405
Owner Fax Number: Not reported
Owner Email Address: Not reported
Owner Business Type: Unknown
Owner Tax Id: 17417164401
Owner Bankruptcy Code: Not reported

Operator:

Operator Last Name: AUSTIN TESTING ENGINEERS
Operator First Name: Not reported
Operator Name: AUSTIN TESTING ENGINEERS
Operator Mailing Address: 2600 DELLANA LN
Operator Mailing Address 2: Not reported
Operator Mailing City,St,Zip: AUSTIN, TX 78746 5781
Operator Country: UNITED STA
Operator Phone: 1-512-3273405
Operator Fax: Not reported
Operator Email: Not reported
Operator Business Type: Unknown
Operator Tax Id: 17417164401
Operator Bankruptcy Code: Not reported

Contact:

Contact Name: Not reported
Contact Title: Not reported
Contact Role: OWNCON
Contact Address: 2600 DELLANA LN
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78746 5781
Contact Phone: 1-512-3273405
Contact Fax: Not reported
Contact Email: Not reported

Contact:

Contact Name: TED PARSONS
Contact Title: ENVIRONMENTAL MANAGER
Contact Role: PRICONT
Contact Address: 2600 DELLANA LN
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78746 5781
Contact Phone: 1-512-3273405
Contact Fax: Not reported
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUSTIN TESTING ENGINEERS (Continued)

S102750643

Contact:

Contact Name: Not reported
Contact Title: Not reported
Contact Role: OPRCON
Contact Address: 2600 DELLANA LN
Contact Address2: Not reported
Contact City, St, Zip: AUSTIN, TX 78746 5781
Contact Phone: 1-512-3273405
Contact Fax: Not reported
Contact Email: Not reported

Unit Records Not Found for this RegNo/Year:

One Time Shipper Records Not Found for this RegNo/Year:

Receiver Type: Not reported
Transporter for hire: 0
Transport own waste: 0
Eq 01, if transport waste type = 1: Not reported
Eq 02, if transport waste type = 2: Not reported
Eq 03, if transport waste type = 3: Not reported
Eq 04, if transport waste type = H: Not reported
Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste Records Not Found for this RegNo/Year:

D14
ESE
1/8-1/4
0.152 mi.
805 ft.

**GRAN3 FRB AUSTIN
1701 TOOMEY RD
AUSTIN, TX 78704**

Site 1 of 2 in cluster D

**LPST U001283935
UST N/A**

**Relative:
Lower**

LPST:

**Actual:
449 ft.**

Facility ID: Not reported
LPST Id: 95788
Facility Location: Not reported
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: Not reported
Reported Date: 06/03/2005
Entered Date: 06/13/1990
Priority: 2.6 - IMPACTED GW DISCHARGE TO SW USED BY HUMANENDGR SPEC LT 500F
Program: 1 - RPR
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: Not reported
Status: Not reported
Coordinators Primary: Not reported
Coordinators RPR: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Address: Not reported
Responsible Party City, St, Zip: Not reported
Responsible Party Telephone: Not reported
Reported Date: 05/10/1990
Case Start Date: 05/10/1990

UST:

Al Number: 53538
Facility Type: FLEET REFUELING
Facility Begin Date: 09/01/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAN3 FRB AUSTIN (Continued)

U001283935

Facility Status:	INACTIVE
Additional ID:	565795592002154
Facility Exempt Status:	N
Records Off-Site:	No
UST Financial Assurance Required:	No
Number Of Active UST:	0
Site Location Description:	Not reported
Site Location (Nearest City Name):	Not reported
Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78704
Contact Name/Title:	,
Contact Organization Name:	GRAN3 FRB AUSTIN
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5123972200
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	04/17/1990
Signature Name/Title On Earliest Reg Form:	EDWARD E MCGARRAHAN,REAL ESTATE INSPECT
Application Received Date On Earliest Reg Form:	04/24/1990
Signature Role On Earliest Reg Form:	Not reported
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	Not reported
Facility Not Inspectable:	No
Owner:	
Owner CN:	CN603698077
Owner Last Name:	FDIC
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	FG
Contact Mailing Address (Delivery):	Not reported
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	Not reported
Contact Mailing State:	Not reported
Contact Mailing Zip:	Not reported
Contact Mailing Zip5:	Not reported
Contact Phone Number/Ext:	/
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	377336522010194
Additional ID:	565795592002154
AI Number:	53538
Owner Effective Begin Date:	09/01/1987
State Tax ID:	Not reported
Contact Role:	Not reported
Contact Name/Title:	/
Contact Organization Name:	Not reported
Tank:	
Install Date:	08/31/1987
Tank Registration Date:	04/24/1990

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRAN3 FRB AUSTIN (Continued)

U001283935

Number of Compartments:	1
Tank Capacity:	Not reported
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	131835
Facility ID:	95262
Ai Number:	53538
Tank Id:	1
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	05/06/1990
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRAN3 FRB AUSTIN (Continued)

U001283935

Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	04/23/1993
Compartment Records:	
Tank ID:	1
Tank Capacity:	0
UST Comprt ID:	159503
UST ID:	131835
AI Number:	53538
Compartment ID:	A
Substance Stored1:	EMPTY
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Facility Billing Contacts:

Contact Organization Name:	FDIC LIQ FIRST REPUBLIC BANK
Contact Mailing Address (Delivery):	1201 MAIN ST
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	DALLAS, TX 75202 3908
Phone Number/Ext:	/
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAN3 FRB AUSTIN (Continued)

U001283935

Facility ID: 95262
Additional ID: 565795592002154
Princ ID: 377336522010194
AI Number: 53538
Facility Name: GRAN3 FRB AUSTIN
AR Number: Not reported
AR UST Number Suffix: Not reported
AR AST Number Suffix: Not reported
Contact Name/Title: K HOWELL/

D15
ESE
1/8-1/4
0.171 mi.
904 ft.

TASTEX SNACKS
1623 TOOMEY RD
AUSTIN, TX 78704
Site 2 of 2 in cluster D

LPST U001264570
UST N/A

Relative:
Lower
Actual:
450 ft.

LPST:
Facility ID: Not reported
LPST Id: 99396
Facility Location: Not reported
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: Not reported
Reported Date: 07/26/1995
Entered Date: 07/02/1991
Priority: 1B - DRINKING WATER AQUIFER OR WATER WELL IMPACTED/THREATENED
Program: 3 - STATE LEAD
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: Not reported
Status: Not reported
Coordinators Primary: Not reported
Coordinators RPR: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Address: Not reported
Responsible Party City,St,Zip: Not reported
Responsible Party Telephone: Not reported
Reported Date: 12/21/1990
Case Start Date: 12/11/1990

UST:
AI Number: 31197
Facility Type: INDUST/MFG/CHEM PLANT
Facility Begin Date: 08/31/1987
Facility Status: INACTIVE
Additional ID: 190551572002053
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: No
Number Of Active UST: 0
Site Location Description: Not reported
Site Location (Nearest City Name): Not reported
Site Location (County Name): TRAVIS
Site Location (Tceq Region): 11
Site Location (Location Zip): 78704
Contact Name/Title: ,
Contact Organization Name: TASTEX SNACKS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TASTEX SNACKS (Continued)

U001264570

Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5124774287
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	05/07/1986
Signature Name/Title On Earliest Reg Form:	THOMAS R HEATON,ENVIRON. SPECIALIST
Application Received Date On Earliest Reg Form:	05/12/1986
Signature Role On Earliest Reg Form:	Not reported
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	Not reported
Facility Not Inspectable:	No
Owner:	
Owner CN:	CN600778831
Owner Last Name:	TASTEX SNACKS INC
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	CO
Contact Mailing Address (Delivery):	Not reported
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	Not reported
Contact Mailing State:	Not reported
Contact Mailing Zip:	Not reported
Contact Mailing Zip5:	Not reported
Contact Phone Number/Ext:	/
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	181551572002053
Additional ID:	190551572002053
AI Number:	31197
Owner Effective Begin Date:	09/01/1987
State Tax ID:	17422672455
Contact Role:	Not reported
Contact Name/Title:	/
Contact Organization Name:	Not reported
Tank:	
Install Date:	08/31/1987
Tank Registration Date:	05/12/1986
Number of Compartments:	1
Tank Capacity:	Not reported
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	81995
Facility ID:	95246
AI Number:	31197
Tank Id:	1
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	07/25/1995
Empty:	N
Tank Regulatory Status:	FULLY REGULATED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TASTEX SNACKS (Continued)

U001264570

Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/08/1990
Compartment Records:	
Tank ID:	1
Tank Capacity:	0
UST Comprt ID:	158782
UST ID:	81995
AI Number:	31197
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TASTEX SNACKS (Continued)

U001264570

CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Facility Billing Contacts:

Contact Organization Name:	TASTEX SNACKS INC
Contact Mailing Address (Delivery):	1623 TOOMEY RD
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN, TX 78704 1032
Phone Number/Ext:	/
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y
Facility ID:	95246
Additional ID:	190551572002053
Princ ID:	181551572002053
AI Number:	31197
Facility Name:	TASTEX SNACKS
AR Number:	Not reported
AR UST Number Suffix:	Not reported
AR AST Number Suffix:	Not reported
Contact Name/Title:	EDITH USSERY/

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E16
North
1/8-1/4
0.225 mi.
1187 ft.

DEEP EDDY FOOD PLAZA
2407 LAKE AUSTIN BLVD
AUSTIN, TX 78703

Site 1 of 6 in cluster E

UST
ASBESTOS
Financial Assurance

U003421930
N/A

Relative:
Lower

UST:

Actual:
494 ft.

AI Number:	36469
Facility Type:	RETAIL
Facility Begin Date:	12/01/1986
Facility Status:	INACTIVE
Additional ID:	376690952002205
Facility Exempt Status:	N
Records Off-Site:	Yes
UST Financial Assurance Required:	No
Number Of Active UST:	0
Site Location Description:	Not reported
Site Location (Nearest City Name):	Not reported
Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78703
Contact Name/Title:	MALEK AL SAYYED,OWNER
Contact Organization Name:	DEEP EDDY FOOD PLAZA
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5126942223
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	5124690452
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	01/17/2019
Signature Name/Title On Earliest Reg Form:	MALEK AL SAYYED,OWNER
Application Received Date On Earliest Reg Form:	01/18/2019
Signature Role On Earliest Reg Form:	LEGAL AUTH REP OWNER
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	No
Facility Not Inspectable:	No

Operator:

Princ ID:	479393222005298
Additional ID:	376690952002205
AI Number:	36469
Operator CN:	CN602931206
Operator Name:	2407 LAKE AUSTIN INC
Operator Effective Begin Date:	05/15/2005
Operator Type:	CO
Operator Role:	OWNOPRCON
Contact Name:	MALEK AL SAYYED/OWNER
Contact Organization Name:	2407 LAKE AUSTIN INC
Contact Mailing Address (Delivery):	2407 LAKE AUSTIN BLVD
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN TX 78703-4543
Contact Phone Country Code:	1
Contact Phone Area Code:	512
Contact Phone Number:	6942223
Contact Phone Extension:	0
Contact Fax Country Code:	Not reported
Contact Fax Area Code:	Not reported
Contact Fax Number:	Not reported
Contact Fax Extension:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Owner:	
Owner CN:	CN602931206
Owner Last Name:	2407 LAKE AUSTIN INC
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	CO
Contact Mailing Address (Delivery):	2407 LAKE AUSTIN BLVD
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	AUSTIN
Contact Mailing State:	TX
Contact Mailing Zip:	78703
Contact Mailing Zip5:	4543
Contact Phone Number/Ext:	1 512 6942223/0
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	479393222005298
Additional ID:	376690952002205
AI Number:	36469
Owner Effective Begin Date:	05/15/2005
State Tax ID:	12025601225
Contact Role:	OWNOPRCON
Contact Name/Title:	MALEK AL SAYYED/OWNER
Contact Organization Name:	2407 LAKE AUSTIN INC
Self Certification:	
Self Cert ID:	40947
Cert ID:	304284
AI Number:	36469
Self Certification Date:	05/21/2018
Signature Name/Title:	MALEK ALSAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2019
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	40947
Cert ID:	287311
AI Number:	36469
Self Certification Date:	05/24/2017
Signature Name/Title:	MALEK ALSAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2018
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	40947
Cert ID:	270500
AI Number:	36469
Self Certification Date:	05/23/2016
Signature Name/Title:	MALEK ALSAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2017
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	40947
Cert ID:	253995
AI Number:	36469
Self Certification Date:	05/31/2015
Signature Name/Title:	MALEK AL SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2016
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	40947
Cert ID:	237364
AI Number:	36469
Self Certification Date:	06/02/2014
Signature Name/Title:	MALEK AL SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2015
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	40947
Cert ID:	220631
AI Number:	36469
Self Certification Date:	05/24/2013
Signature Name/Title:	MALEK AL SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2014
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	N
Self Cert ID:	40947
Cert ID:	9772
AI Number:	36469
Self Certification Date:	05/20/2012
Signature Name/Title:	MALEK AL SAYYED OWNER PRESIDENT
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2013
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9771
AI Number:	36469
Self Certification Date:	08/04/2011
Signature Name/Title:	MALEK AL SAYYED PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2012
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9770
AI Number:	36469
Self Certification Date:	05/13/2010
Signature Name/Title:	MALEK AL SAYYED PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2011
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9769
AI Number:	36469
Self Certification Date:	05/21/2009
Signature Name/Title:	MALEK AL-SAYYED PRESIDENT
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2010
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9768
AI Number:	36469
Self Certification Date:	06/01/2008
Signature Name/Title:	MALEK ALSAYYED PRESIDENT
Signature Type Role:	OWNER
Filing Status:	RENEWAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2009
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9767
AI Number:	36469
Self Certification Date:	06/17/2007
Signature Name/Title:	MALEK AL SAYYED PRESIDENT
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2008
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9766
AI Number:	36469
Self Certification Date:	07/12/2006
Signature Name/Title:	MALEK AL SAYYED PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2007
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9765
AI Number:	36469
Self Certification Date:	05/31/2005
Signature Name/Title:	MALEK AL SAYYED PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2006
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9764
AI Number:	36469
Self Certification Date:	05/15/2005
Signature Name/Title:	MALEK AL SAYYED PRES
Signature Type Role:	OWNER
Filing Status:	INITIAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2005
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9763
AI Number:	36469
Self Certification Date:	01/28/2005
Signature Name/Title:	ROBERT JONES OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	02/28/2006
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9762
AI Number:	36469
Self Certification Date:	01/13/2004
Signature Name/Title:	ROBERT JONES OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	02/28/2005
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9761
AI Number:	36469
Self Certification Date:	10/01/2003
Signature Name/Title:	ROBERT JONES OWNER
Signature Type Role:	OWNER
Filing Status:	INITIAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	02/28/2004
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9760
AI Number:	36469
Self Certification Date:	05/11/2002
Signature Name/Title:	JEFF DEGROOT VP
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2003
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9759
AI Number:	36469
Self Certification Date:	05/10/2002
Signature Name/Title:	JEFF DEGROOT VP
Signature Type Role:	OWNER
Filing Status:	INITIAL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2002
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	40947
Cert ID:	9758
AI Number:	36469
Self Certification Date:	09/26/2000
Signature Name/Title:	BRENT MARSHALL MGR
Signature Type Role:	LEGAL AUTH REP OWNER
Filing Status:	INITIAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2002
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported

Tank:

Install Date:	12/01/1986
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	12000
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	96439
Facility ID:	40947
AI Number:	36469
Tank Id:	1
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	12/05/2018
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	Y
Tank Tested Flag:	N
Installation Signature Date:	11/14/1990
Compartment Records:	
Tank ID:	1
Tank Capacity:	12000
UST Comprt ID:	8698
UST ID:	96439
AI Number:	36469
Compartment ID:	A
Substance Stored1:	Not reported
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	Y
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

PRDM(Monitoring Sec Containment Barrier):	N
PRDM(Interstitial Monitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(Annual Piping Tight Test/Elec Mon@.1Gph:	Y
PRDM(Triennial Tight Test(Suction/Gravity Piping):	N
PRDM Auto Line Leak Det(3.0 Gph Press Piping):	Y
PRDM(Sir(Stat Inv Recon)/Inv Control):	Y
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(Del Shut-Off Valve):	N
SOPE(Flow Restrictor Value:	Y
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y
Spill/Overfill Prevention Compliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	12/01/1986
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	12000
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	171823
Facility ID:	40947
Ai Number:	36469
Tank Id:	2
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	12/11/2018
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/Ext Polyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	Y
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	2
Tank Capacity:	12000
UST Comprt ID:	8699
UST ID:	171823
AI Number:	36469
Compartment ID:	A
Substance Stored1:	Not reported
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	Y
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	Y
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control)):	Y
PRDM(Exempt System Suction:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	Y
SOPE(Alarm (Set@ <=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	12/01/1986
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	12000
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	171824
Facility ID:	40947
Ai Number:	36469
Tank Id:	3
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	12/13/2018
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	Y
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	3
Tank Capacity:	12000
UST Comprt ID:	8700
UST ID:	171824
AI Number:	36469
Compartment ID:	A
Substance Stored1:	Not reported
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	Y
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	Y
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control):	Y
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	Y
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Spill/OverfillPreventionCompliance Flag: Y
Compartment Release Detection Variance: N
Piping Release Detection Variance: N
Spill And Overfill Prevention Variance: N
Stage I Vapor Recovery: Not reported
Stage 1 Installation Date: Not reported

Facility Billing Contacts:

Contact Organization Name: 2407 LAKE AUSTIN INC
Contact Mailing Address (Delivery): 2407 LAKE AUSTIN BLVD
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City/State/Zip: AUSTIN, TX 78703 4543
Phone Number/Ext: 512 6942223/0
Contact Fax Number/Ext: 512 4690452/0
Contact Email Address: Not reported
Contact Address Deliverable: Y
Facility ID: 40947
Additional ID: 376690952002205
Princ ID: 479393222005298
AI Number: 36469
Facility Name: DEEP EDDY FOOD PLAZA
AR Number: 62896
AR UST Number Suffix: Not reported
AR AST Number Suffix: U
Contact Name/Title: MALEK AL SAYYED/OWNER

ASBESTOS:

Date of inspection: 04/23/2013
Reason for Inspection: Routine
Violation: Yes
Complaint Date: Not reported
Notification Number: Not reported
ASB Priority: Not reported
PIF State: Not reported
Detained: Not reported
Product Name: Not reported
Time Spent: 0.5
Travel Time: 0.1
Mileage: 0.4
Reg: 07
Init: EJ
Seq: 06
Facility Type: Abusable Volitile Chemicals
Inspector Name: Eddie Jackson
Date Report Received: Not reported
Date Routed by Supervisor: Not reported
Date Routed to PSQA: Not reported
Date Reviewed by PSQA: Not reported
Date Routed by Supervisor1: Not reported
Date Rtd to Inspector Corrections: Not reported
Date Rcvd Back: Not reported
Date Rtd to Inspector Corrections2: Not reported
Date Rcvd Back 2: Not reported
Date Rtd to Inspector Corrections 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Date Rcvd Back 3:	Not reported
Notification Status:	Not reported
Amendo:	Not reported
Notification Work Type:	Not reported
Notification Type:	Not reported
Work Type Flag:	Not reported
Certification Statement Date:	Not reported
Certification Statement Phone:	Not reported
Is The Facility a School or K-12?:	Not reported
Region:	Not reported
Priority:	Not reported
ARU:	Not reported
Is this a phased abatement project?:	Not reported
Ordered:	Not reported
Is This Project an Emergency?:	Not reported
Is Building Occupied?:	Not reported
High Profile:	Not reported
Ref Method:	Not reported
Analytical Method:	Not reported
Start Date:	Not reported
Date of inspection:	05/21/2014
Reason for Inspection:	Routine
Violation:	No
Complaint Date:	Not reported
Notification Number:	Not reported
ASB Priority:	Not reported
PIF State:	Not reported
Detained:	Not reported
Product Name:	Not reported
Time Spent:	0.5
Travel Time:	0.1
Mileage:	0.5
Reg:	07
Init:	EJ
Seq:	06
Facility Type:	Abusable Volatile Chemicals
Inspector Name:	Eddie Jackson
Date Report Received:	06/02/2014
Date Routed by Supervisor:	06/02/2014
Date Routed to PSQA:	06/03/2014
Date Reviewed by PSQA:	Not reported
Date Routed by Supervisor1:	Not reported
Date Rtn'd to Inspector Corrections:	Not reported
Date Rcvd Back:	Not reported
Date Rtn'd to Inspector Corrections2:	Not reported
Date Rcvd Back 2:	Not reported
Date Rtn'd to Inspector Corrections 3:	Not reported
Date Rcvd Back 3:	Not reported
Notification Status:	Not reported
Amendo:	Not reported
Notification Work Type:	Not reported
Notification Type:	Not reported
Work Type Flag:	Not reported
Certification Statement Date:	Not reported
Certification Statement Phone:	Not reported
Is The Facility a School or K-12?:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Region: Not reported
Priority: Not reported
ARU: Not reported
Is this a phased abatement project?: Not reported
Ordered: Not reported
Is This Project an Emergency?: Not reported
Is Building Occupied?: Not reported
High Profile: Not reported
Ref Method: Not reported
Analytical Method: Not reported
Start Date: Not reported

TX Financial Assurance 2:

Region: 2
Facility ID: 40947
Finass ID: 197626
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2018
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04TO000106142
Coverage Amount: 1,000,000
Coverage Expiration Date: 05/15/2019
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 180265
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2017
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-000101255
Coverage Amount: 1,000,000
Coverage Expiration Date: 05/15/2018
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Finass ID: 162787
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2016
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04TO00096953
Coverage Amount: 1,000,000
Coverage Expiration Date: 05/15/2017
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 145044
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2015
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 214 2391609
Policy Number: 04-TO-00092670
Coverage Amount: 1,000,000
Coverage Expiration Date: 05/15/2016
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 128824
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2014
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-00088608
Coverage Amount: 1,000,000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Coverage Expiration Date: 05/15/2015
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 109431
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2013
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: Not reported
Policy Number: 04-TO-00084585
Coverage Amount: 1,000,000
Coverage Expiration Date: 05/15/2014
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 866
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 05/15/2012
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04TO00080678
Coverage Amount: 1,000,000
Coverage Expiration Date: 05/15/2013
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 21491
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Financial Assurance Begin Date: 05/15/2011
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04TO00076654
Coverage Amount: 1000000
Coverage Expiration Date: 05/15/2012
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: No

Region: 2
Facility ID: 40947
Finass ID: 21492
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 04/27/2010
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: ZURICH AMERICAN INS CO
Issuer Phone: 1 210 3660671
Policy Number: USC589066005
Coverage Amount: 1000000
Coverage Expiration Date: 04/27/2011
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: No

Region: 2
Facility ID: 40947
Finass ID: 21493
AI: 36469
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 04/27/2009
Date Financial Assurance Form Rec: 01/18/2019
Issuer Name: ZURICH AMERICAN INS CO
Issuer Phone: 1 210 3660671
Policy Number: USC589066004
Coverage Amount: 1000000
Coverage Expiration Date: 04/27/2010
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 40947
Finass ID: 21494
AI: 36469
Mechanism Type Other: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEP EDDY FOOD PLAZA (Continued)

U003421930

Multiple Mechanism Types: N
 Coverage Amt per Annual Aggregate: Not reported
 Meets Financial Assurance Req Flag: Not reported
 Financial Responsibility Type: INSURANCE OR RISK RETENTION
 Corrective Action MET Flag: Y
 3rd Party MET Flag: Y
 Financial Assurance Begin Date: 04/27/2008
 Date Financial Assurance Form Rec: 01/18/2019
 Issuer Name: ZURICH AMERICAN INS CO
 Issuer Phone: 1 210 3660671
 Policy Number: USC589066003
 Coverage Amount: 10000000
 Coverage Expiration Date: 04/27/2009
 Ins Premium Pre-Paid For Entire Yr: Yes
 Proof of Financial Assurance: No

Region: 2
 Facility ID: 40947
 Finass ID: 21495
 AI: 36469
 Mechanism Type Other: Not reported
 Multiple Mechanism Types: N
 Coverage Amt per Annual Aggregate: Not reported
 Meets Financial Assurance Req Flag: Not reported
 Financial Responsibility Type: INSURANCE OR RISK RETENTION
 Corrective Action MET Flag: Y
 3rd Party MET Flag: Y
 Financial Assurance Begin Date: 12/31/1992
 Date Financial Assurance Form Rec: 01/18/2019
 Issuer Name: Not reported
 Issuer Phone: Not reported
 Policy Number: Unknown
 Coverage Amount: 0
 Coverage Expiration Date: 01/01/1901
 Ins Premium Pre-Paid For Entire Yr: No
 Proof of Financial Assurance: No

E17
North
1/8-1/4
0.225 mi.
1187 ft.

LAKE AUSTIN BLVD 66 7
2407 LAKE AUSTIN BLVD
AUSTIN, TX 78703

Site 2 of 6 in cluster E

LPST **S105168980**
Ind. Haz Waste **N/A**

Relative:
Lower
Actual:
494 ft.

LPST:
 Facility ID: 0036469
 LPST Id: 110996
 Facility Location: 2407 LAKE AUSTIN BLVD
 TCEQ Region# and City: REGION 11 - AUSTIN
 Region City: AUSTIN
 Reported Date: 03/05/2004
 Entered Date: 05/21/1996
 Priority: 2.6 - IMPACTED GW DISCHARGE TO SW USED BY HUMANENDGR SPEC LT 500F
 Program: 1 - RPR
 CA Status: 6A - FINAL CONCURRENCE ISSUED
 Priority Description: Groundwater or storm water runoff is affected and discharges within 500 feet of the known extent of contamination to a surface water body used for human drinking water, contact recreation, habitat to a protected or listed endangered plant and animal species.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN BLVD 66 7 (Continued)

S105168980

Status: FINAL CONCURRENCE ISSUED, CASE CLOSED
Coordinators Primary: 1/1P/1/1P/1
Coordinators RPR: BLB
Responsible Party Name: Not reported
Responsible Party Contact: THOMAS KOSEL
Responsible Party Address: 1356 PHILLIPS BLDG
Responsible Party City,St,Zip: BARTLESVILLE, OK 74004
Responsible Party Telephone: 918/661-3896
Reported Date: 05/15/1996
Case Start Date: 05/14/1996

Ind. Haz Waste:

Registration Number: 80682
Registration Initial Notification Date: 07/15/1992
Registration Last Amendment Date: 02/14/2001
EPA Identification: TXD988076162
Primary NAICS Code: 447110
Status Change Date: 19920715
Land Type: PRIVATE
Description of Facility Site Location: 2407 Lake Austin Blvd, Austin, TX
Site Primary Standard Industrial Code: Not reported
Site Primary SIC Description: Not reported
Registration is Generator of Waste: Yes
Registration is Receivers of Waste: No
Registration is Transporter of Waste: No
Registration is Transfer Facility: No
Facility is STEERS Reporter: No
Required to Submit Annual Waste Summary: No
Facility Involved In Recycling: No
Revr Has Monthly Reporting Requirement: 0
Mexican Facility: Not reported
Type of Generator: NON INDUS, SQG
TNRCC Region: Not reported
Company Name: CONOCOPHILLIPS PIPE LINE COMPANY
Contact Name: THOMAS H KOSEL
Contact Telephone Number: 918-6617439
Mailing Address: PO BOX 2400
Mailing Address2: Not reported
Mailing City,St,Zip: BARTLESVILLE, OK 740052400
Mailing County: UNITED STATES
Facility Country: UNITED STATES
TNRCC Facility ID: 35482
Site Owner Tax ID: 730400345
Site Location Latitude: -00.000
Site Location Longitude: -000.000
Last Update to NOR Data: 20040301
Ind. waste permit Number: Not reported
Mun waste permit Number: Not reported
Non Notifier: No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address: PO BOX 2400
Owner Mailing Address2: Not reported
Owner Mailing Address3: Not reported
Owner City,St,Zip: BARTLESVILLE, OK 74005 2400
Owner Country: UNITED STA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN BLVD 66 7 (Continued)

S105168980

Owner Phone Number: 1-918-6617439
Owner Fax Number: Not reported
Owner Email Address: Not reported
Owner Business Type: Corporation
Owner Tax Id: 17304003456
Owner Bankruptcy Code: Not reported

Operator:
Operator Last Name: CONOCOPHILLIPS PIPE LINE COMPANY
Operator First Name: Not reported
Operator Name: CONOCOPHILLIPS PIPE LINE COMPANY
Operator Mailing Address: PO BOX 2400
Operator Mailing Address 2: Not reported
Operator Mailing City,St,Zip: BARTLESVILLE, OK 74005 2400
Operator Country: UNITED STA
Operator Phone: 1-918-6617439
Operator Fax: Not reported
Operator Email: Not reported
Operator Business Type: Corporation
Operator Tax Id: 17304003456
Operator Bankruptcy Code: Not reported

Contact:
Contact Name: Not reported
Contact Title: Not reported
Contact Role: OPRCON
Contact Address: PO BOX 2400
Contact Address2: Not reported
Contact City,St,Zip: BARTLESVILLE, OK 74005 2400
Contact Phone: 1-918-6617439
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: Not reported
Contact Title: Not reported
Contact Role: OWNCON
Contact Address: PO BOX 2400
Contact Address2: Not reported
Contact City,St,Zip: BARTLESVILLE, OK 74005 2400
Contact Phone: 1-918-6617439
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: THOMAS KOSEL
Contact Title: ENVIRONMENTAL MANAGER
Contact Role: PRICONT
Contact Address: PO BOX 2400
Contact Address2: Not reported
Contact City,St,Zip: BARTLESVILLE, OK 74005 2400
Contact Phone: 1-918-6617439
Contact Fax: Not reported
Contact Email: Not reported

Unit:
Unit No: 001
Deed Record Needed: Not reported
Deed Recording Date: Not reported
Unit Type Code: 22

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN BLVD 66 7 (Continued)

S105168980

Unit Type: Not reported
Unit Status: ACTIVE
Unit Regulatory Status: 10
UIC Permit Number: Not reported
Capacity: Not reported
Capacity Measurement: Not reported
Off Site Hazardous Waste: No
Off Site Class 1 Waste: Not reported
Off Site Class 2 Waste: Not reported
Off Site Class 3 Waste: Not reported
Off Site Non Indstrl Sld Wst: Not reported
System Type Code: Not reported
System Type: Not reported
System Type Code 1: 141
System Type 1: Not reported
System Type Code 2: Not reported
System Type 2: Not reported
System Type Code 3: Not reported
System Type 3: Not reported
System Type Code 4: Not reported
System Type 4: Not reported
Permit Seq #: Not reported
Unit Description on NOR: Miscellaneous storage containers
Dt Last Changed: 19920715

One Time Shipper Records Not Found for this RegNo/Year:

Receiver Type: Not reported
Transporter for hire: 0
Transport own waste: 0
Eq 01, if transport waste type = 1: Not reported
Eq 02, if transport waste type = 2: Not reported
Eq 03, if transport waste type = 3: Not reported
Eq 04, if transport waste type = H: Not reported
Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste:

Waste ID: 108879
Waste Description: Removal of water from underground storage tanks containing gasoline diesel.
Desc of Waste: Not reported
Texas Waste Code: Not reported
Texas Waste Code 2: 0001102H
Waste Code Status: INACTIVE
Waste Form: Not reported
Waste Classification: H
Waste is Radioactive: No
Waste Treated Off Site: Not reported
Standard Industrial Classification: Not reported
Primary Source: Not reported
Primary Measurement Point: Not reported
Primary Origin: Not reported
Primary System Type: Not reported
New Chemical Substance: 0
Audit Performed: No
Company Waste ID: Not reported
Primary NAICS Code: 447110
EPA Waste Form Code: W101
Reason Waste Form No Longer Gen.: NOR INACTIVATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN BLVD 66 7 (Continued)

S105168980

EPA Haz Waste: Not reported

E18
North
1/8-1/4
0.225 mi.
1187 ft.

PHILLIPS PETROLEUM COMPANY
2407 LAKE AUSTIN BLVD
AUSTIN, TX 78703

RCRA NonGen / NLR
FINDS
ECHO

1000836460
TXD988076162

Site 3 of 6 in cluster E

Relative:
Lower
Actual:
494 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/14/2001
Facility name: PHILLIPS PETROLEUM COMPANY
Facility address: 2407 LAKE AUSTIN BLVD
AUSTIN, TX 78703
EPA ID: TXD988076162
Mailing address: PO BOX 2400
BARTLESVILLE, OK 74005
Contact: THOMAS H KOSEL
Contact address: PO BOX 2400
BARTLESVILLE, OK 74005
Contact country: US
Contact telephone: 918-661-7439
Contact email: Not reported
EPA Region: 06
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: PHILLIPS PETROLEUM COMPANY
Owner/operator address: PO BOX 2400
BARTLESVILLE, OK 74005
Owner/operator country: US
Owner/operator telephone: 918-661-7439
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/14/2001
Owner/Op end date: Not reported

Owner/operator name: PHILLIPS PETROLEUM COMPANY
Owner/operator address: PO BOX 2400
BARTLESVILLE, OK 74005
Owner/operator country: US
Owner/operator telephone: 918-661-7439
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/14/2001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS PETROLEUM COMPANY (Continued)

1000836460

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 09/01/1992
Site name: PHILLIPS PETROLEUM CO SS#24296
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110005152850

Environmental Interest/Information System

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

Texas Commission on Environmental Quality - Agency Central Registry (TX-TCEQ ACR) is a computer application that allows the Texas Commission on Environmental Quality (TCEQ) to use a single, centralized area to record common information, such as the company names, addresses, and telephone numbers of those the TCEQ regulates. It also contains additional IDs (permits, registrations, authorizations, etc) and their status.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS PETROLEUM COMPANY (Continued)

1000836460

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000836460
Registry ID: 110005152850
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005152850>

E19
North
1/8-1/4
0.239 mi.
1261 ft.

COMET CLEANERS
2401 LAKE AUSTIN BLVD
AUSTIN, TX 78703

RCRA-CESQG **1004783475**
FINDS **TX0000241489**
ECHO

Site 4 of 6 in cluster E

Relative:
Lower

RCRA-CESQG:

Actual:
496 ft.

Date form received by agency: 04/21/1994
Facility name: COMET 1 HOUR CLEANERS
Facility address: 2401 LAKE AUSTIN BLVD
AUSTIN, TX 78703
EPA ID: TX0000241489
Mailing address: LAKE AUSTIN BLVD
AUSTIN, TX 78703
Contact: JEFF BLAKE
Contact address: 2401 LAKE AUSTIN BLVD
AUSTIN, TX 78703
Contact country: US
Contact telephone: 512-335-9629
Contact email: Not reported
EPA Region: 06
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: BLAKE & EVANS INC
Owner/operator address: 2405 LAKE AUSTIN BLVD
AUSTIN, TX 78703
Owner/operator country: Not reported
Owner/operator telephone: 512-472-4676
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMET CLEANERS (Continued)

1004783475

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005015367

Environmental Interest/Information System

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

Texas Commission on Environmental Quality - Agency Central Registry (TX-TCEQ ACR) is a computer application that allows the Texas Commission on Environmental Quality (TCEQ) to use a single, centralized area to record common information, such as the company names, addresses, and telephone numbers of those the TCEQ regulates. It also contains additional IDs (permits, registrations, authorizations, etc) and their status.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMET CLEANERS (Continued)

1004783475

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004783475
Registry ID: 110005015367
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005015367>

E20
North
1/8-1/4
0.239 mi.
1261 ft.

STAR BRITE CLEANERS
2401 LAKE AUSTIN BLVD
AUSTIN, TX 78703

DRYCLEANERS S108419614
N/A

Site 5 of 6 in cluster E

Relative:
Lower
Actual:
496 ft.

DRYCLEANERS:

RN Number: RN103967402
Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR12130
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2016
Solvent: PETROLEUM
Gallons: 430
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR12130
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2018
Solvent: PETROLEUM
Gallons: 600
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR BRITE CLEANERS (Continued)

S108419614

Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR12130
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2017
Solvent: PETROLEUM
Gallons: 430
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: REGION 11 - AUSTIN
CN Number: CN602459513
DCR Number: DCR12130
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2015
Solvent: PETROLEUM
Gallons: 430
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2004
Solvent: PETROLEUM
Gallons: 0
Part Stat: YES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR BRITE CLEANERS (Continued)

S108419614

Gross Receipts: > \$200,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2005
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$200,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2006
Solvent: PETROLEUM
Gallons: 0
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR BRITE CLEANERS (Continued)

S108419614

Solvent:	Not reported
Gallons:	Not reported
Part Stat:	YES
Gross Receipts:	> \$150,000
RN Number:	RN103967402
Region:	11
CN Number:	CN602459513
DCR Number:	Not reported
AR Number:	24000679
Principal Name:	KOCHER-BLAKE LP
Bill Addr1:	2401 LAKE AUSTIN BLVD
Bill Addr2:	Not reported
Bill City/State/Zip:	AUSTIN, TX 78703 4543
EMail:	STARBRITECLEANERSTX@GMAIL.COM
Phone Number:	512 4724676
Site Name:	STAR BRITE CLEANERS
Site Type:	FACILITY REGISTRATION
Site Status:	ACTIVE
Fiscal Year:	FY2008
Solvent:	PETROLEUM
Gallons:	380
Part Stat:	YES
Gross Receipts:	> \$150,000
RN Number:	RN103967402
Region:	11
CN Number:	CN602459513
DCR Number:	Not reported
AR Number:	24000679
Principal Name:	KOCHER-BLAKE LP
Bill Addr1:	2401 LAKE AUSTIN BLVD
Bill Addr2:	Not reported
Bill City/State/Zip:	AUSTIN, TX 78703 4543
EMail:	STARBRITECLEANERSTX@GMAIL.COM
Phone Number:	512 4724676
Site Name:	STAR BRITE CLEANERS
Site Type:	FACILITY REGISTRATION
Site Status:	ACTIVE
Fiscal Year:	FY2009
Solvent:	PETROLEUM
Gallons:	380
Part Stat:	YES
Gross Receipts:	> \$150,000
RN Number:	RN103967402
Region:	11
CN Number:	CN602459513
DCR Number:	Not reported
AR Number:	24000679
Principal Name:	KOCHER-BLAKE LP
Bill Addr1:	2401 LAKE AUSTIN BLVD
Bill Addr2:	Not reported
Bill City/State/Zip:	AUSTIN, TX 78703 4543
EMail:	STARBRITECLEANERSTX@GMAIL.COM
Phone Number:	512 4724676
Site Name:	STAR BRITE CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR BRITE CLEANERS (Continued)

S108419614

Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2010
Solvent: PETROLEUM
Gallons: 380
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2011
Solvent: PETROLEUM
Gallons: 400
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2012
Solvent: PETROLEUM
Gallons: 420
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR BRITE CLEANERS (Continued)

S108419614

EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2013
Solvent: PETROLEUM
Gallons: 430
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN103967402
Region: 11
CN Number: CN602459513
DCR Number: Not reported
AR Number: 24000679
Principal Name: KOCHER-BLAKE LP
Bill Addr1: 2401 LAKE AUSTIN BLVD
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78703 4543
EMail: STARBRITECLEANERSTX@GMAIL.COM
Phone Number: 512 4724676
Site Name: STAR BRITE CLEANERS
Site Type: FACILITY REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2014
Solvent: PETROLEUM
Gallons: 430
Part Stat: YES
Gross Receipts: > \$150,000

F21
North
1/8-1/4
0.248 mi.
1308 ft.

JACK BROWN CLEANERS 40
2500 LAKE AUSTIN BLVD
AUSTIN, TX 78703

DRYCLEANERS **S108419551**
N/A

Site 1 of 2 in cluster F

Relative:
Lower

DRYCLEANERS:
RN Number: RN101499119
Region: REGION 11 - AUSTIN
CN Number: CN600264543
DCR Number: DCR10808
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: Not reported
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2017
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

Actual:
502 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK BROWN CLEANERS 40 (Continued)

S108419551

RN Number: RN101499119
Region: REGION 11 - AUSTIN
CN Number: CN600264543
DCR Number: DCR10808
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: Not reported
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2016
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: REGION 11 - AUSTIN
CN Number: CN600264543
DCR Number: DCR10808
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: Not reported
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2015
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2004
Solvent: Not reported
Gallons: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK BROWN CLEANERS 40 (Continued)

S108419551

Part Stat: YES
Gross Receipts: Not reported

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2005
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: Not reported

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2006
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK BROWN CLEANERS 40 (Continued)

S108419551

Fiscal Year: FY2007
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2008
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2009
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK BROWN CLEANERS 40 (Continued)

S108419551

Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2010
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2011
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2012
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK BROWN CLEANERS 40 (Continued)

S108419551

Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2013
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: 11
CN Number: CN600264543
DCR Number: Not reported
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: JACK BROWN CLEANERS 40
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2014
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

RN Number: RN101499119
Region: REGION 11 - AUSTIN
CN Number: CN600264543
DCR Number: DCR10808
AR Number: 24000524
Principal Name: JACK BROWN CLEANERS INC
Bill Addr1: PO BOX 28159
Bill Addr2: Not reported
Bill City/State/Zip: AUSTIN, TX 78755 8159
EMail: PAULBJBC@AOL.COM
Phone Number: 512 4511333
Site Name: Not reported
Site Type: DROP STATION REGISTRATION
Site Status: ACTIVE
Fiscal Year: FY2018
Solvent: Not reported
Gallons: Not reported
Part Stat: YES
Gross Receipts: > \$150,000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F22
North
1/8-1/4
0.248 mi.
1308 ft.

JACK BROWN CLEANERS
2500 LAKE AUSTIN BLVD
AUSTIN, TX 78703

UST **U003566437**
N/A

Site 2 of 2 in cluster F

Relative:
Lower
Actual:
502 ft.

UST:

AI Number:	66683
Facility Type:	RETAIL
Facility Begin Date:	08/31/1987
Facility Status:	INACTIVE
Additional ID:	649470222002054
Facility Exempt Status:	N
Records Off-Site:	No
UST Financial Assurance Required:	No
Number Of Active UST:	0
Site Location Description:	Not reported
Site Location (Nearest City Name):	Not reported
Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78703
Contact Name/Title:	,
Contact Organization Name:	Not reported
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	Not reported
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	01/03/1995
Signature Name/Title On Earliest Reg Form:	BRENT PEFFER, REPRESENTATIVE
Application Received Date On Earliest Reg Form:	05/03/1995
Signature Role On Earliest Reg Form:	Not reported
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	Not reported
Facility Not Inspectable:	No

Owner:

Owner CN:	CN600785943
Owner Last Name:	MURPHY
Owner First Name:	LEONARD
Owner Middle Name:	M
Owner Type:	IN
Contact Mailing Address (Delivery):	Not reported
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	Not reported
Contact Mailing State:	Not reported
Contact Mailing Zip:	Not reported
Contact Mailing Zip5:	Not reported
Contact Phone Number/Ext:	/
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	641470212002054
Additional ID:	649470222002054
AI Number:	66683
Owner Effective Begin Date:	08/31/1987
State Tax ID:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JACK BROWN CLEANERS (Continued)

U003566437

Contact Role: Not reported
 Contact Name/Title: /
 Contact Organization Name: Not reported

Tank:

Install Date: 08/31/1987
 Tank Registration Date: 05/03/1995
 Number of Compartments: 1
 Tank Capacity: 500
 Tank Singlewall: N
 Tank Doublewall: N
 Pipe Type: Not reported
 UST ID: 174287
 Facility ID: 100238
 Ai Number: 66683
 Tank Id: 1
 Tank Status (Current): REMOVED FROM GROUND
 Tank Status Date: 12/19/1994
 Empty: N
 Tank Regulatory Status: FULLY REGULATED
 Tank Int Prot (Internal Tank Lining Date): Not reported
 Piping Design (Single Wall): N
 Piping Design (Double Wall): N
 Tank Ext Cont(Fac-Built Nonmetallic Jacket): N
 Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Tank Ext Cont(Tank Vault/Rigid Trench Liner): N
 Piping Ext Cont(Fac-Built Nonmetallic Jacket): N
 Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Piping Ext Cont(Tank Vault/Rigid Trench Liner): N
 Tank Material (Steel): N
 Tank Material(Frp(Fiberglass-Reinforced Plastic): N
 Tank Mat(Composite (Steel W/Ext Frp Cladding)): N
 Tank Mat(Concrete): N
 Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)): N
 Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)): N
 Piping Material (Steel): N
 Piping Mat(Frp(Fiberglass Reinforced Plastic): N
 Piping Mat(Concrete): N
 Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)): N
 Piping Mat(Nonmetallic Flex Piping): N
 PipingConnect/Valves(Shear/Impact Valves(Under Disp)): N
 Piping Connect/Valves(Steel Swing-Joints(End Of Piping)): N
 Piping Connect/Valves (Flex Connectors(Ends Of Piping)): N
 Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation): N
 TCPM (ExtDielectricCoat/Laminate/Tape/Wrap): N
 TCPM(Cathodic Prot-FacInstallation): N
 TCPM(Composite Tank(Steel W/Frp Ext Laminate): N
 TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate): N
 TCPM(FRP Tank Or Piping(Noncorrodible)): N
 TCPM(Ext Nonmetallic Jacket): N
 TCPMeth(Unnecessary Per Corrosion Prot Spec): N
 Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap): N
 Piping Corr Prot Method(PCPM) (Cathodic Factory Install): N
 PCPM(Cathodic Prot-Field Install): N
 PCPMeth (FRP Tank Or Piping(Noncorrodible): N
 PCPM(Nonmetallic FlexPiping (Noncorrodible)): N
 PCPMeth(Isolated Open Area/2nd Containment): N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JACK BROWN CLEANERS (Continued)

U003566437

PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	1
Tank Capacity:	500
UST Comprt ID:	154013
UST ID:	174287
AI Number:	66683
Compartment ID:	A
Substance Stored1:	UNKNOWN
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Facility Billing Contacts:

Contact Organization Name: MURPHY LEONARD M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK BROWN CLEANERS (Continued)

U003566437

Contact Mailing Address (Delivery): 510 WALWORTEN CT
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City/State/Zip: KATY, TX 77450 2231
Phone Number/Ext: /
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Y
Facility ID: 100238
Additional ID: 649470222002054
Princ ID: 641470212002054
AI Number: 66683
Facility Name: JACK BROWN CLEANERS
AR Number: Not reported
AR UST Number Suffix: Not reported
AR AST Number Suffix: Not reported
Contact Name/Title: HERB SLADEK/

E23
North
1/4-1/2
0.260 mi.
1372 ft.

LAKE AUSTIN CHEVRON
2402 LAKE AUSTIN BLVD
AUSTIN, TX 78703

Site 6 of 6 in cluster E

LPST **U001260076**
UST **N/A**
ASBESTOS
Financial Assurance
Ind. Haz Waste

Relative:
Lower
Actual:
502 ft.

LPST:
Facility ID: Not reported
LPST Id: 91419
Facility Location: Not reported
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: Not reported
Reported Date: 03/11/1988
Entered Date: 07/31/1987
Priority: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
Program: 1 - RPR
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: Not reported
Status: Not reported
Coordinators Primary: Not reported
Coordinators RPR: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Address: Not reported
Responsible Party City,St,Zip: Not reported
Responsible Party Telephone: Not reported
Reported Date: 07/31/1987
Case Start Date: 07/31/1987

UST:
AI Number: 26070
Facility Type: RETAIL
Facility Begin Date: 08/31/1989
Facility Status: ACTIVE
Additional ID: 969610122002053
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: Yes
Number Of Active UST: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Site Location Description:	Not reported
Site Location (Nearest City Name):	Not reported
Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78703
Contact Name/Title:	MALEK AL SAYYED,PRES
Contact Organization Name:	LAKE AUSTIN CHEVRON
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5124777477
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	02/10/2019
Signature Name/Title On Earliest Reg Form:	MALEK AL SAYYED,OWNER
Application Received Date On Earliest Reg Form:	02/12/2019
Signature Role On Earliest Reg Form:	OWNER
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	No
Facility Not Inspectable:	No
Operator:	
Princ ID:	640463712010239
Additional ID:	969610122002053
Ai Number:	26070
Operator CN:	CN603721234
Operator Name:	CHEVRON LAKE AUSTIN INC
Operator Effective Begin Date:	07/01/2004
Operator Type:	CO
Operator Role:	OWNOPRCON
Contact Name:	MALEK AL-SAYYED/PRES
Contact Organization Name:	CHEVRON LAKE AUSTIN INC
Contact Mailing Address (Delivery):	2402 LAKE AUSTIN BLVD
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN TX 78703-4544
Contact Phone Country Code:	1
Contact Phone Area Code:	512
Contact Phone Number:	6942223
Contact Phone Extension:	0
Contact Fax Country Code:	Not reported
Contact Fax Area Code:	Not reported
Contact Fax Number:	Not reported
Contact Fax Extension:	Not reported
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Owner:	
Owner CN:	CN603721234
Owner Last Name:	CHEVRON LAKE AUSTIN INC
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	CO
Contact Mailing Address (Delivery):	2402 LAKE AUSTIN BLVD
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	AUSTIN
Contact Mailing State:	TX

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Contact Mailing Zip: 78703
Contact Mailing Zip5: 4544
Contact Phone Number/Ext: 1 512 6942223/0
Contact Fax Country Code: Not reported
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Not reported
Princ ID: 640463712010239
Additional ID: 969610122002053
AI Number: 26070
Owner Effective Begin Date: 07/01/2004
State Tax ID: 12009499521
Contact Role: OWNOPRCON
Contact Name/Title: MALEK AL-SAYYED/PRES
Contact Organization Name: CHEVRON LAKE AUSTIN INC

Self Certification:

Self Cert ID: 93577
Cert ID: 316346
AI Number: 26070
Self Certification Date: 02/10/2019
Signature Name/Title: MALEK AL SAYYED OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 03/31/2020
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: Y
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 93577
Cert ID: 299833
AI Number: 26070
Self Certification Date: 02/19/2018
Signature Name/Title: MALEK SAYYED OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 03/31/2019
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: Y
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 93577
Cert ID: 283159

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Self Certification Date:	02/15/2017
Signature Name/Title:	MALEK SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	03/31/2018
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	93577
Cert ID:	266579
AI Number:	26070
Self Certification Date:	02/25/2016
Signature Name/Title:	MALEK AL SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	03/31/2017
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	93577
Cert ID:	250848
AI Number:	26070
Self Certification Date:	02/25/2015
Signature Name/Title:	MALEK AL SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	03/31/2016
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	93577
Cert ID:	233092

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Self Certification Date:	02/12/2014
Signature Name/Title:	MALEK AL SAYYED OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	03/31/2015
Reporting Method:	P
Tank Corrosion Protection Compliance:	Y
Piping Corrosion Protection Compliance:	Y
Compartment Release Detection Compliance:	Y
Piping Release Detection Compliance:	Y
Spill Prevention/Overfill Compliance:	Y
Self Cert ID:	93577
Cert ID:	150706
AI Number:	26070
Self Certification Date:	02/20/2013
Signature Name/Title:	MALEK AL SAYYED PRESIDENT
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	03/31/2014
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150705
AI Number:	26070
Self Certification Date:	02/10/2012
Signature Name/Title:	MALEK AL SAYYED PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	03/31/2013
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150704

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number: 26070
Self Certification Date: 02/21/2011
Signature Name/Title: MALEK AL SAYYED PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 03/31/2012
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 93577
Cert ID: 150703
AI Number: 26070
Self Certification Date: 02/16/2010
Signature Name/Title: MALEK AL SAYYED PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 03/31/2011
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 93577
Cert ID: 150702
AI Number: 26070
Self Certification Date: 02/26/2009
Signature Name/Title: MALEK AL-SAYYED PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 03/31/2010
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 93577
Cert ID: 150701

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number: 26070
Self Certification Date: 05/22/2008
Signature Name/Title: MALEK AL-SAYYED PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 03/31/2009
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 93577
Cert ID: 150700
AI Number: 26070
Self Certification Date: 06/01/2007
Signature Name/Title: MALEK AL SAYYED PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 06/30/2008
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 93577
Cert ID: 150423
AI Number: 26070
Self Certification Date: 05/16/2006
Signature Name/Title: MALEK AL SAYYED PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 06/30/2007
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 93577
Cert ID: 150422

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Self Certification Date:	05/27/2005
Signature Name/Title:	AL SAYYED MALEK PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2006
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150421
AI Number:	26070
Self Certification Date:	07/01/2004
Signature Name/Title:	MALEK AL SAYED PRESIDENT
Signature Type Role:	OWNER
Filing Status:	INITIAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	06/30/2005
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150420
AI Number:	26070
Self Certification Date:	11/28/2003
Signature Name/Title:	ALI ABUSAFI
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	01/31/2005
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150419

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Self Certification Date:	12/01/2002
Signature Name/Title:	ALI ABUSAFI PRES
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	01/31/2004
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150418
AI Number:	26070
Self Certification Date:	11/18/2001
Signature Name/Title:	ALI ABUSAFI
Signature Type Role:	OPERATOR
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	01/31/2003
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	93577
Cert ID:	150417
AI Number:	26070
Self Certification Date:	10/06/2000
Signature Name/Title:	ALI ABED ABUSAFI PRESIDENT
Signature Type Role:	OWNER
Filing Status:	INITIAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	01/31/2002
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Tank:	
Install Date:	01/01/1966

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	8000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	P
UST ID:	67097
Facility ID:	93577
Ai Number:	26070
Tank Id:	1A
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/01/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	1A
Tank Capacity:	8000
UST Comprt ID:	141724
UST ID:	67097
AI Number:	26070
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
More Self Certification:	
Self Cert ID:	9825
Cert ID:	237947
UST Comprt ID:	683303
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Self Cert ID: 9825
Cert ID: 123873
UST Compr ID: 356965
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123872
UST Compr ID: 356966
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123871
UST Compr ID: 356967
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123870
UST Compr ID: 356968
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123869
UST Compr ID: 356969
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123868
UST Compr ID: 356970
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123867
UST Compr ID: 356973
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Cert ID:	123866
UST Comprt ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Comprt ID:	356971
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123878
UST Comprt ID:	356960
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123877
UST Comprt ID:	356961
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123876
UST Comprt ID:	356962
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123875
UST Comprt ID:	356963
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123874
UST Comprt ID:	356964
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	304506

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST Comprt ID:	880779
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	271265
UST Comprt ID:	781637
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	288047
UST Comprt ID:	831370
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Install Date:	01/01/1966
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	6000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	P
UST ID:	67098
Facility ID:	93577
AI Number:	26070
Tank Id:	3A
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/01/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	3A
Tank Capacity:	6000
UST Comprt ID:	141725
UST ID:	67098
AI Number:	26070
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

More Self Certification:

Self Cert ID:	9825
Cert ID:	237947
UST Comprt ID:	683303
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123873
UST Comprt ID:	356965
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123872
UST Comprt ID:	356966
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123871

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST Comprt ID:	356967
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123870
UST Comprt ID:	356968
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123869
UST Comprt ID:	356969
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123868
UST Comprt ID:	356970
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123867
UST Comprt ID:	356973
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123866
UST Comprt ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Comprt ID:	356971
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123878
UST Comprt ID:	356960

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123877
UST Comprt ID: 356961
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123876
UST Comprt ID: 356962
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123875
UST Comprt ID: 356963
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123874
UST Comprt ID: 356964
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 304506
UST Comprt ID: 880779
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 271265
UST Comprt ID: 781637
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 288047
UST Comprt ID: 831370
UST ID: 116986

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Install Date:	01/01/1966
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	8000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	P
UST ID:	67099
Facility ID:	93577
AI Number:	26070
Tank Id:	2A
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/01/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	2A
Tank Capacity:	8000
UST Comprt ID:	141726
UST ID:	67099
AI Number:	26070
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

SOPE(FlowRestrictorValue: N
SOPE(Alarm (Set@<=90%) W/3a Or 3b: N
SOPE(N/A Deliveries To Tank<=25G): N
Compartment Release Det Compliance Flag: N
Piping Release Detection Compliance Flag): N
Spill/OverfillPreventionCompliance Flag: N
Compartment Release Detection Variance: N
Piping Release Detection Variance: N
Spill And Overfill Prevention Variance: N
Stage I Vapor Recovery: Not reported
Stage 1 Installation Date: Not reported

More Self Certification:

Self Cert ID: 9825
Cert ID: 237947
UST Comprt ID: 683303
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123873
UST Comprt ID: 356965
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123872
UST Comprt ID: 356966
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123871
UST Comprt ID: 356967
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123870
UST Comprt ID: 356968
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123869
UST Comprt ID: 356969
UST ID: 116986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123868
UST Compr ID:	356970
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123867
UST Compr ID:	356973
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123866
UST Compr ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Compr ID:	356971
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123878
UST Compr ID:	356960
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123877
UST Compr ID:	356961
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123876
UST Compr ID:	356962
UST ID:	116986
AI Number:	26070

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123875
UST Comprt ID:	356963
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123874
UST Comprt ID:	356964
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	304506
UST Comprt ID:	880779
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	271265
UST Comprt ID:	781637
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	288047
UST Comprt ID:	831370
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172
UST ID:	116986
AI Number:	26070
Tank ID:	4

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Compartment ID:	A
Install Date:	01/01/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	12000
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	67104
Facility ID:	93577
Ai Number:	26070
Tank Id:	1
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	1
Tank Capacity:	12000
UST Comprt ID:	141731
UST ID:	67104
AI Number:	26070
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	Y
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	Y
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control)):	Y
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	Y
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	Y
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	TWO POINT SYSTEM
Stage 1 Installation Date:	11/01/1987
More Self Certification:	
Self Cert ID:	9825
Cert ID:	237947
UST Comprt ID:	683303
UST ID:	116986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123873
UST Compr ID:	356965
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123872
UST Compr ID:	356966
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123871
UST Compr ID:	356967
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123870
UST Compr ID:	356968
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123869
UST Compr ID:	356969
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123868
UST Compr ID:	356970
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123867
UST Compr ID:	356973
UST ID:	116986
AI Number:	26070

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123866
UST Comprt ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Comprt ID:	356971
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123878
UST Comprt ID:	356960
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123877
UST Comprt ID:	356961
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123876
UST Comprt ID:	356962
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123875
UST Comprt ID:	356963
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123874
UST Comprt ID:	356964
UST ID:	116986
AI Number:	26070
Tank ID:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Compartment ID:	A
Self Cert ID:	9825
Cert ID:	304506
UST Comprt ID:	880779
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	271265
UST Comprt ID:	781637
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	288047
UST Comprt ID:	831370
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Install Date:	01/01/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	10000
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	67101
Facility ID:	93577
AI Number:	26070
Tank Id:	2
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1987
Empty:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	2
Tank Capacity:	10000
UST Comprt ID:	141728
UST ID:	67101
AI Number:	26070
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	Y
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	Y
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control):	Y
PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	Y
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	Y
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	TWO POINT SYSTEM
Stage 1 Installation Date:	11/01/1987
 More Self Certification:	
Self Cert ID:	9825
Cert ID:	237947
UST Comprt ID:	683303
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123873
UST Comprt ID:	356965
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123872
UST Comprt ID:	356966
UST ID:	116986
AI Number:	26070
Tank ID:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123871
UST Comprt ID:	356967
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123870
UST Comprt ID:	356968
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123869
UST Comprt ID:	356969
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123868
UST Comprt ID:	356970
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123867
UST Comprt ID:	356973
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123866
UST Comprt ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Comprt ID:	356971
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Self Cert ID: 9825
Cert ID: 123878
UST Compr ID: 356960
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123877
UST Compr ID: 356961
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123876
UST Compr ID: 356962
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123875
UST Compr ID: 356963
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123874
UST Compr ID: 356964
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 304506
UST Compr ID: 880779
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 271265
UST Compr ID: 781637
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Cert ID:	288047
UST Comprt ID:	831370
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Install Date:	01/01/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	10000
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	67102
Facility ID:	93577
AI Number:	26070
Tank Id:	3
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	3
Tank Capacity:	10000
UST Comprt ID:	141729
UST ID:	67102
AI Number:	26070
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	Y
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	Y
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control)):	Y
PRDM(Exempt System Suction):	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	Y
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	Y
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

More Self Certification:

Self Cert ID:	9825
Cert ID:	237947
UST Comprt ID:	683303
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Self Cert ID:	9825
Cert ID:	123873
UST Comprt ID:	356965
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Self Cert ID:	9825
Cert ID:	123872
UST Comprt ID:	356966
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Self Cert ID:	9825
Cert ID:	123871
UST Comprt ID:	356967
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Self Cert ID:	9825
Cert ID:	123870
UST Comprt ID:	356968
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A

Self Cert ID:	9825
---------------	------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Cert ID:	123869
UST Comprt ID:	356969
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123868
UST Comprt ID:	356970
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123867
UST Comprt ID:	356973
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123866
UST Comprt ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Comprt ID:	356971
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123878
UST Comprt ID:	356960
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123877
UST Comprt ID:	356961
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123876

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST Comprt ID:	356962
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123875
UST Comprt ID:	356963
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123874
UST Comprt ID:	356964
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	304506
UST Comprt ID:	880779
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	271265
UST Comprt ID:	781637
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	288047
UST Comprt ID:	831370
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Install Date:	01/01/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	500
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	67103
Facility ID:	93577
AI Number:	26070
Tank Id:	4
Tank Status (Current):	TEMP OUT OF SERVICE
Tank Status Date:	03/01/2000
Empty:	Y
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	Y
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	Y
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	Y
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	Y
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	Y
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	Y
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	4
Tank Capacity:	Not reported
UST Comprt ID:	141730
UST ID:	67103
AI Number:	26070
Compartment ID:	A
Substance Stored1:	EMPTY
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	Y
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control):	Y
PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	Y
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	Y
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
More Self Certification:	
Self Cert ID:	9825

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Cert ID: 237947
UST Comprt ID: 683303
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123873
UST Comprt ID: 356965
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123872
UST Comprt ID: 356966
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123871
UST Comprt ID: 356967
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123870
UST Comprt ID: 356968
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123869
UST Comprt ID: 356969
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123868
UST Comprt ID: 356970
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123867

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST Compr ID: 356973
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123866
UST Compr ID: 356972
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123865
UST Compr ID: 356971
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123878
UST Compr ID: 356960
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123877
UST Compr ID: 356961
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123876
UST Compr ID: 356962
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123875
UST Compr ID: 356963
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 123874
UST Compr ID: 356964

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	304506
UST Comprt ID:	880779
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	271265
UST Comprt ID:	781637
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	288047
UST Comprt ID:	831370
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	221061
UST Comprt ID:	633918
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	254624
UST Comprt ID:	732172
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Install Date:	01/01/1966
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	1000
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	P
UST ID:	67100
Facility ID:	93577
AI Number:	26070
Tank Id:	4A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/01/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	Y
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	02/01/1991
Compartment Records:	
Tank ID:	4A
Tank Capacity:	1000
UST Comprt ID:	141727
UST ID:	67100
AI Number:	26070

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Compartment ID:	A
Substance Stored1:	USED OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

More Self Certification:

Self Cert ID:	9825
Cert ID:	237947
UST Comprt ID:	683303
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123873
UST Comprt ID:	356965
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123872
UST Comprt ID:	356966

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123871
UST Comprt ID:	356967
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123870
UST Comprt ID:	356968
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123869
UST Comprt ID:	356969
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123868
UST Comprt ID:	356970
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123867
UST Comprt ID:	356973
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123866
UST Comprt ID:	356972
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123865
UST Comprt ID:	356971
UST ID:	116986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123878
UST Comprt ID:	356960
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123877
UST Comprt ID:	356961
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123876
UST Comprt ID:	356962
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123875
UST Comprt ID:	356963
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	123874
UST Comprt ID:	356964
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	304506
UST Comprt ID:	880779
UST ID:	116986
AI Number:	26070
Tank ID:	4
Compartment ID:	A
Self Cert ID:	9825
Cert ID:	271265
UST Comprt ID:	781637
UST ID:	116986
AI Number:	26070

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 288047
UST Comprt ID: 831370
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 221061
UST Comprt ID: 633918
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Self Cert ID: 9825
Cert ID: 254624
UST Comprt ID: 732172
UST ID: 116986
AI Number: 26070
Tank ID: 4
Compartment ID: A

Facility Billing Contacts:

Contact Organization Name: CHEVRON LAKE AUSTIN INC
Contact Mailing Address (Delivery): 2402 LAKE AUSTIN BLVD
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City/State/Zip: AUSTIN, TX 78703 4544
Phone Number/Ext: /
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Y
Facility ID: 93577
Additional ID: 969610122002053
Princ ID: 640463712010239
AI Number: 26070
Facility Name: LAKE AUSTIN CHEVRON
AR Number: 68703
AR UST Number Suffix: Not reported
AR AST Number Suffix: U
Contact Name/Title: MALEK AL SAYYED/

ASBESTOS:

Date of inspection: 04/23/2013
Reason for Inspection: Routine
Violation: Yes
Complaint Date: Not reported
Notification Number: Not reported
ASB Priority: Not reported
PIF State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Detained:	Not reported
Product Name:	Not reported
Time Spent:	0.5
Travel Time:	0.3
Mileage:	8.3
Reg:	07
Init:	EJ
Seq:	01
Facility Type:	Abusable Volatile Chemicals
Inspector Name:	Eddie Jackson
Date Report Received:	Not reported
Date Routed by Supervisor:	Not reported
Date Routed to PSQA:	Not reported
Date Reviewed by PSQA:	Not reported
Date Routed by Supervisor1:	Not reported
Date Rtd to Inspector Corrections:	Not reported
Date Rcvd Back:	Not reported
Date Rtd to Inspector Corrections2:	Not reported
Date Rcvd Back 2:	Not reported
Date Rtd to Inspector Corrections 3:	Not reported
Date Rcvd Back 3:	Not reported
Notification Status:	Not reported
Amendo:	Not reported
Notification Work Type:	Not reported
Notification Type:	Not reported
Work Type Flag:	Not reported
Certification Statement Date:	Not reported
Certification Statement Phone:	Not reported
Is The Facility a School or K-12?:	Not reported
Region:	Not reported
Priority:	Not reported
ARU:	Not reported
Is this a phased abatement project?:	Not reported
Ordered:	Not reported
Is This Project an Emergency?:	Not reported
Is Building Occupied?:	Not reported
High Profile:	Not reported
Ref Method:	Not reported
Analytical Method:	Not reported
Start Date:	Not reported
Date of inspection:	05/21/2014
Reason for Inspection:	Routine
Violation:	No
Complaint Date:	Not reported
Notification Number:	Not reported
ASB Priority:	Not reported
PIF State:	Not reported
Detained:	Not reported
Product Name:	Not reported
Time Spent:	0.5
Travel Time:	0.3
Mileage:	8.5
Reg:	07
Init:	EJ
Seq:	01
Facility Type:	Abusable Volatile Chemicals

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Inspector Name: Eddie Jackson
Date Report Received: 06/02/2014
Date Routed by Supervisor: 06/02/2014
Date Routed to PSQA: 06/03/2014
Date Reviewed by PSQA: Not reported
Date Routed by Supervisor1: Not reported
Date Rtned to Inspector Corrections: Not reported
Date Rcvd Back: Not reported
Date Rtned to Inspector Corrections2: Not reported
Date Rcvd Back 2: Not reported
Date Rtned to Inspector Corrections 3: Not reported
Date Rcvd Back 3: Not reported
Notification Status: Not reported
Amendo: Not reported
Notification Work Type: Not reported
Notification Type: Not reported
Work Type Flag: Not reported
Certification Statement Date: Not reported
Certification Statement Phone: Not reported
Is The Facility a School or K-12?: Not reported
Region: Not reported
Priority: Not reported
ARU: Not reported
Is this a phased abatement project?: Not reported
Ordered: Not reported
Is This Project an Emergency?: Not reported
Is Building Occupied?: Not reported
High Profile: Not reported
Ref Method: Not reported
Analytical Method: Not reported
Start Date: Not reported

TX Financial Assurance 2:

Region: 2
Facility ID: 93577
Finass ID: 210175
AI: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2018
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-to-000106972
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2019
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 193722

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

AI: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2017
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-000101987
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2018
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 175982
AI: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2016
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04TO00097515
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2017
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 158313
AI: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2015
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-00093256
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 141836
Al: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2014
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04TO00089157
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2015
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 124177
Al: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2013
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-85106
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2014
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 11297
Al: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-00081218
Coverage Amount: 1,000,000
Coverage Expiration Date: 07/05/2013
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 76955
Al: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2011
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: MID-CONTINENT INS CO
Issuer Phone: 1 800 7224994
Policy Number: 04-TO-00077414
Coverage Amount: 1000000
Coverage Expiration Date: 07/05/2012
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: No

Region: 2
Facility ID: 93577
Finass ID: 76956
Al: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2009
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: ZURICH AMERICAN INS CO
Issuer Phone: 1 210 3660671
Policy Number: USC 4359516 03
Coverage Amount: 1000000
Coverage Expiration Date: 07/05/2010
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: No

Region: 2
Facility ID: 93577
Finass ID: 76957
Al: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 07/05/2007
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: ZURICH AMERICAN INS CO
Issuer Phone: 1 210 3660671
Policy Number: USC4359516-01
Coverage Amount: 1000000
Coverage Expiration Date: 07/05/2008
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 93577
Finass ID: 76958
AI: 26070
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 12/31/1989
Date Financial Assurance Form Rec: 02/12/2019
Issuer Name: Not reported
Issuer Phone: Not reported
Policy Number: Unknown
Coverage Amount: 0
Coverage Expiration Date: 01/01/1901
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: No

Ind. Haz Waste:

Registration Number: 77080
Registration Initial Notification Date: 06/28/1991
Registration Last Amendment Date: 11/29/2005
EPA Identification: TXD988032116
Primary NAICS Code: Not reported
Status Change Date: 19910628
Land Type: PRIVATE
Description of Facility Site Location: 2402 Lake Austin Blvd, Austin, TX
Site Primary Standard Industrial Code: Not reported
Site Primary SIC Description: Not reported
Registration is Generator of Waste: Yes
Registration is Receivers of Waste: No
Registration is Transporter of Waste: No
Registration is Transfer Facility: No
Facility is STEERS Reporter: No
Required to Submit Annual Waste Summary: No
Facility Involved In Recycling: No
Revcr Has Monthly Reporting Requirement: 0
Mexican Facility: Not reported
Type of Generator: NON INDUS, SQG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

TNRCC Region: Not reported
Company Name: LAKE AUSTIN INC
Contact Name: MELCK ALSAYYED
Contact Telephone Number: 512-6942222
Mailing Address: 2402 LAKE AUSTIN BLVD
Mailing Address2: Not reported
Mailing City,St,Zip: AUSTIN, TX 787034544
Mailing County: UNITED STATES
Facility Country: UNITED STATES
TNRCC Facility ID: 31388
Site Owner Tax ID: 0
Site Location Latitude: -00.000
Site Location Longitude: -000.000
Last Update to NOR Data: 20051201
Ind. waste permit Number: Not reported
Mun waste permit Number: Not reported
Non Notifier: No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address: 2402 LAKEAUSTIN BLVD
Owner Mailing Address2: Not reported
Owner Mailing Address3: Not reported
Owner City,St,Zip: AUSTIN, TX 78703 4544
Owner Country: UNITED STA
Owner Phone Number: 1-512-4777477
Owner Fax Number: 1-512-4690452
Owner Email Address: Not reported
Owner Business Type: Corporation
Owner Tax Id: Not reported
Owner Bankruptcy Code: Not reported

Operator:

Operator Last Name: LAKE AUSTIN INC
Operator First Name: Not reported
Operator Name: LAKE AUSTIN INC
Operator Mailing Address: 2402 LAKEAUSTIN BLVD
Operator Mailing Address 2: Not reported
Operator Mailing City,St,Zip: AUSTIN, TX 78703 4544
Operator Country: UNITED STA
Operator Phone: 1-512-4777477
Operator Fax: 1-512-4690452
Operator Email: Not reported
Operator Business Type: Corporation
Operator Tax Id: Not reported
Operator Bankruptcy Code: Not reported

Contact:

Contact Name: Not reported
Contact Title: Not reported
Contact Role: OWNCON
Contact Address: 2402 LAKEAUSTIN BLVD
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78703 4544
Contact Phone: 1-512-4777477
Contact Fax: 1-512-4690452
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

Contact:

Contact Name: ALDA POOL
Contact Title: Not reported
Contact Role: STEERCNT
Contact Address: PO BOX 2180
Contact Address2: Not reported
Contact City,St,Zip: HOUSTON, TX 77252 2180
Contact Phone: 1-713-6567709
Contact Fax: Not reported
Contact Email: Not reported

Contact:

Contact Name: MELCK ALSAYYED
Contact Title: PRESIDENT
Contact Role: PRICONT
Contact Address: 2402 LAKEAUSTIN BLVD
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78703 4544
Contact Phone: 1-512-6942222
Contact Fax: 1-512-4690452
Contact Email: Not reported

Contact:

Contact Name: Not reported
Contact Title: Not reported
Contact Role: OPRCON
Contact Address: 2402 LAKEAUSTIN BLVD
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78703 4544
Contact Phone: 1-512-4777477
Contact Fax: 1-512-4690452
Contact Email: Not reported

Unit:

Unit No: 001
Deed Record Needed: Not reported
Deed Recording Date: Not reported
Unit Type Code: 14
Unit Type: Not reported
Unit Status: ACTIVE
Unit Regulatory Status: Not reported
UIC Permit Number: Not reported
Capacity: Not reported
Capacity Measurement: Not reported
Off Site Hazardous Waste: No
Off Site Class 1 Waste: Not reported
Off Site Class 2 Waste: Not reported
Off Site Class 3 Waste: Not reported
Off Site Non Indstrl Sld Wst: Not reported
System Type Code: Not reported
System Type: Not reported
System Type Code 1: Not reported
System Type 1: Not reported
System Type Code 2: Not reported
System Type 2: Not reported
System Type Code 3: Not reported
System Type 3: Not reported
System Type Code 4: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAKE AUSTIN CHEVRON (Continued)

U001260076

System Type 4: Not reported
 Permit Seq #: Not reported
 Unit Description on NOR: Not reported
 Dt Last Changed: Not reported

One Time Shipper Records Not Found for this RegNo/Year:
 Receiver Type: Not reported
 Transporter for hire: 0
 Transport own waste: 0
 Eq 01, if transport waste type = 1: Not reported
 Eq 02, if transport waste type = 2: Not reported
 Eq 03, if transport waste type = 3: Not reported
 Eq 04, if transport waste type = H: Not reported
 Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste Records Not Found for this RegNo/Year:

24
ESE
1/4-1/2
0.322 mi.
1701 ft.

GUS'S MARKET
1525 BARTON SPRINGS RD
AUSTIN, TX 78704

LPST **U003566337**
UST **N/A**
ASBESTOS
Financial Assurance

Relative:
Lower
Actual:
459 ft.

LPST:
 Facility ID: Not reported
 LPST Id: 91328
 Facility Location: Not reported
 TCEQ Region# and City: REGION 11 - AUSTIN
 Region City: Not reported
 Reported Date: 03/10/1988
 Entered Date: 03/10/1987
 Priority: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
 Program: 1 - RPR
 CA Status: 6A - FINAL CONCURRENCE ISSUED
 Priority Description: Not reported
Status: Not reported
 Coordinators Primary: Not reported
 Coordinators RPR: Not reported
 Responsible Party Name: Not reported
 Responsible Party Contact: Not reported
 Responsible Party Address: Not reported
 Responsible Party City,St,Zip: Not reported
 Responsible Party Telephone: Not reported
 Reported Date: 03/10/1987
 Case Start Date: 03/10/1987

UST:
 AI Number: 45207
 Facility Type: RETAIL
 Facility Begin Date: 03/18/1987
 Facility Status: ACTIVE
 Additional ID: 902619222002149
 Facility Exempt Status: N
 Records Off-Site: No
 UST Financial Assurance Required: Yes
 Number Of Active UST: 3
 Site Location Description: Not reported
 Site Location (Nearest City Name): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78704
Contact Name/Title:	NAVID HOOMANRAD,
Contact Organization Name:	GUS'S MARKET
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5122173516
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	07/14/2018
Signature Name/Title On Earliest Reg Form:	NAVID HOOMARAD,PRES
Application Received Date On Earliest Reg Form:	07/17/2018
Signature Role On Earliest Reg Form:	OWNER
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	No
Facility Not Inspectable:	No
Operator:	
Princ ID:	546430562018093
Additional ID:	902619222002149
Ai Number:	45207
Operator CN:	CN605488329
Operator Name:	MERKIN HOLDINGS LLC
Operator Effective Begin Date:	03/01/2018
Operator Type:	CO
Operator Role:	Not reported
Contact Name:	/
Contact Organization Name:	Not reported
Contact Mailing Address (Delivery):	Not reported
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	-
Contact Phone Country Code:	Not reported
Contact Phone Area Code:	Not reported
Contact Phone Number:	Not reported
Contact Phone Extension:	Not reported
Contact Fax Country Code:	Not reported
Contact Fax Area Code:	Not reported
Contact Fax Number:	Not reported
Contact Fax Extension:	Not reported
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Owner:	
Owner CN:	CN603025487
Owner Last Name:	HOOMA INVESTMENTS INC
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	CO
Contact Mailing Address (Delivery):	Not reported
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	Not reported
Contact Mailing State:	Not reported
Contact Mailing Zip:	Not reported
Contact Mailing Zip5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Contact Phone Number/Ext: /
Contact Fax Country Code: Not reported
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Not reported
Princ ID: 202546362006117
Additional ID: 902619222002149
AI Number: 45207
Owner Effective Begin Date: 03/01/2018
State Tax ID: 32018733835
Contact Role: Not reported
Contact Name/Title: /
Contact Organization Name: Not reported

Self Certification:

Self Cert ID: 74593
Cert ID: 306655
AI Number: 45207
Self Certification Date: 07/14/2018
Signature Name/Title: NAVID HOOMARAD PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 07/31/2019
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: N
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 301902
AI Number: 45207
Self Certification Date: 03/25/2018
Signature Name/Title: NAVID HOOMANRAD PRES
Signature Type Role: OWNER
Filing Status: INITIAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 07/31/2018
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: N
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 296274
AI Number: 45207
Self Certification Date: 12/19/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title: VASANTHA REDDY OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 01/31/2019
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: N
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 281443
AI Number: 45207
Self Certification Date: 11/26/2016
Signature Name/Title: VASANTHA REDDY OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 01/31/2018
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: N
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 265296
AI Number: 45207
Self Certification Date: 12/24/2015
Signature Name/Title: VASANTHA REDDY OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 01/31/2017
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: Y
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 246341
AI Number: 45207
Self Certification Date: 12/29/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title: VASANTHA REDDY OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 01/31/2016
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: Y
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 238933
AI Number: 45207
Self Certification Date: 06/25/2014
Signature Name/Title: VASANTHA REDDY OWNER
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 01/31/2015
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: Y
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 223463
AI Number: 45207
Self Certification Date: 06/25/2013
Signature Name/Title: VASANTHA REDDY BOGA OWNER
Signature Type Role: OPERATOR
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 08/31/2014
Reporting Method: P
Tank Corrosion Protection Compliance: Y
Piping Corrosion Protection Compliance: Y
Compartment Release Detection Compliance: Y
Piping Release Detection Compliance: Y
Spill Prevention/Overfill Compliance: Y

Self Cert ID: 74593
Cert ID: 105100
AI Number: 45207
Self Certification Date: 09/11/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title:	VASAVTHA R BOGALE OPR
Signature Type Role:	OPERATOR
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	08/31/2013
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	74593
Cert ID:	105099
AI Number:	45207
Self Certification Date:	07/29/2011
Signature Name/Title:	VASANTHA REDDY BOGALE OWNER
Signature Type Role:	OPERATOR
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	08/31/2012
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	74593
Cert ID:	105098
AI Number:	45207
Self Certification Date:	08/16/2010
Signature Name/Title:	VASANTHA R BOGALE OWNER
Signature Type Role:	OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	08/31/2011
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	74593
Cert ID:	105097
AI Number:	45207
Self Certification Date:	08/03/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title: VITHAL R BOGALE OPERATOR
Signature Type Role: OPERATOR
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 08/31/2010
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 74593
Cert ID: 105096
AI Number: 45207
Self Certification Date: 10/06/2008
Signature Name/Title: B ULTHAL REDDY MANAGER
Signature Type Role: OPERATOR
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 08/31/2009
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 74593
Cert ID: 105095
AI Number: 45207
Self Certification Date: 07/17/2007
Signature Name/Title: NAVID HOOMANRAD PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 08/31/2008
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 74593
Cert ID: 105094
AI Number: 45207
Self Certification Date: 07/01/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title: NAVID HOOMANRAD PRES
Signature Type Role: OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 08/31/2007
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 74593
Cert ID: 105093
AI Number: 45207
Self Certification Date: 02/25/2006
Signature Name/Title: NAVID HOOMANRAD PRES
Signature Type Role: OWNER
Filing Status: INITIAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 08/31/2006
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 74593
Cert ID: 105092
AI Number: 45207
Self Certification Date: 07/26/2005
Signature Name/Title: KENT HAMEL O & E SPEC
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self Certification Flag: Y
Facility Fees Self Certification Flag: Y
Financial Assurance Self Certification Flag: Y
Technical Standards Self Certification Flag: Y
Delivery Certificate Expiration Date: 09/30/2006
Reporting Method: Not reported
Tank Corrosion Protection Compliance: Not reported
Piping Corrosion Protection Compliance: Not reported
Compartment Release Detection Compliance: Not reported
Piping Release Detection Compliance: Not reported
Spill Prevention/Overfill Compliance: Not reported

Self Cert ID: 74593
Cert ID: 105091
AI Number: 45207
Self Certification Date: 08/09/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title:	KENT HAMEL O & E SPECIALIST
Signature Type Role:	LEGAL AUTH REP OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2005
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	74593
Cert ID:	105090
AI Number:	45207
Self Certification Date:	08/05/2003
Signature Name/Title:	CHRIS TRINKLE O & E SPECIALIST
Signature Type Role:	LEGAL AUTH REP OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2004
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	74593
Cert ID:	105089
AI Number:	45207
Self Certification Date:	07/24/2002
Signature Name/Title:	CHRIS TRINKLE O & E SPEC
Signature Type Role:	LEGAL AUTH REP OWNER
Filing Status:	RENEWAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2003
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Self Cert ID:	74593
Cert ID:	105088
AI Number:	45207
Self Certification Date:	12/29/2000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUS'S MARKET (Continued)

U003566337

Signature Name/Title:	CHRIS TRINKLE O & E SPEC
Signature Type Role:	LEGAL AUTH REP OWNER
Filing Status:	INITIAL
Registration Self Certification Flag:	Y
Facility Fees Self Certification Flag:	Y
Financial Assurance Self Certification Flag:	Y
Technical Standards Self Certification Flag:	Y
Delivery Certificate Expiration Date:	09/30/2002
Reporting Method:	Not reported
Tank Corrosion Protection Compliance:	Not reported
Piping Corrosion Protection Compliance:	Not reported
Compartment Release Detection Compliance:	Not reported
Piping Release Detection Compliance:	Not reported
Spill Prevention/Overfill Compliance:	Not reported
Tank:	
Install Date:	03/18/1987
Tank Registration Date:	10/08/1987
Number of Compartments:	1
Tank Capacity:	12098
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	118367
Facility ID:	74593
Ai Number:	45207
Tank Id:	3
Tank Status (Current):	IN USE
Tank Status Date:	03/18/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	Y
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	Y
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	Y
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUS'S MARKET (Continued)

U003566337

TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	Y
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	04/18/1990
Compartment Records:	
Tank ID:	3
Tank Capacity:	12098
UST Comprt ID:	104354
UST ID:	118367
AI Number:	45207
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	Y
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	Y
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUS'S MARKET (Continued)

U003566337

Spill/OverfillPreventionCompliance Flag: Y
 Compartment Release Detection Variance: N
 Piping Release Detection Variance: N
 Spill And Overfill Prevention Variance: N
 Stage I Vapor Recovery: COAXIAL SYSTEM
 Stage 1 Installation Date: Not reported

Install Date: 03/18/1987
 Tank Registration Date: 10/08/1987
 Number of Compartments: 1
 Tank Capacity: 12098
 Tank Singlewall: N
 Tank Doublewall: Y
 Pipe Type: P
 UST ID: 118368
 Facility ID: 74593
 Ai Number: 45207
 Tank Id: 2
 Tank Status (Current): IN USE
 Tank Status Date: 03/18/1987
 Empty: N
 Tank Regulatory Status: FULLY REGULATED
 Tank Int Prot (Internal Tank Lining Date): Not reported
 Piping Design (Single Wall): Y
 Piping Design (Double Wall): N
 Tank Ext Cont(Fac-Built Nonmetallic Jacket): N
 Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Tank Ext Cont(Tank Vault/Rigid Trench Liner): Y
 Piping Ext Cont(Fac-Built Nonmetallic Jacket): N
 Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Piping Ext Cont(Tank Vault/Rigid Trench Liner): N
 Tank Material (Steel): Y
 Tank Material(Frp(Fiberglass-Reinforced Plastic): N
 Tank Mat(Composite (Steel W/Ext Frp Cladding)): N
 Tank Mat(Concrete): N
 Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)): N
 Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)): N
 Piping Material (Steel): N
 Piping Mat(Frp(Fiberglass Reinforced Plastic): N
 Piping Mat(Concrete): N
 Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)): N
 Piping Mat(Nonmetallic Flex Piping): N
 PipingConnect/Valves(Shear/Impact Valves(Under Disp)): N
 Piping Connect/Valves(Steel Swing-Joints(End Of Piping)): N
 Piping Connect/Valves (Flex Connectors(Ends Of Piping)): N
 Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation): Y
 TCPM (ExtDielectricCoat/Laminate/Tape/Wrap): N
 TCPM(Cathodic Prot-FacInstallation): Y
 TCPM(Composite Tank(Steel W/Frp Ext Laminate): N
 TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate): N
 TCPM(FRP Tank Or Piping(Noncorrodible)): N
 TCPM(Ext Nonmetallic Jacket): N
 TCPMeth(Unnecessary Per Corrosion Prot Spec): N
 Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap): N
 Piping Corr Prot Method(PCPM) (Cathodic Factory Install): N
 PCPM(Cathodic Prot-Field Install): Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUS'S MARKET (Continued)

U003566337

PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	04/18/1990
Compartment Records:	
Tank ID:	2
Tank Capacity:	12098
UST Comprt ID:	104355
UST ID:	118368
AI Number:	45207
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	Y
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	Y
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	COAXIAL SYSTEM
Stage 1 Installation Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUS'S MARKET (Continued)

U003566337

Install Date:	03/18/1987
Tank Registration Date:	10/08/1987
Number of Compartments:	1
Tank Capacity:	12098
Tank Singlewall:	N
Tank Doublewall:	Y
Pipe Type:	P
UST ID:	118369
Facility ID:	74593
Ai Number:	45207
Tank Id:	1
Tank Status (Current):	IN USE
Tank Status Date:	03/18/1987
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	Y
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	Y
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	Y
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	Y
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUS'S MARKET (Continued)

U003566337

Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	Y
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	04/18/1990
Compartment Records:	
Tank ID:	1
Tank Capacity:	12098
UST Comprt ID:	104356
UST ID:	118369
AI Number:	45207
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	Y
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	Y
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	Y
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	COAXIAL SYSTEM
Stage 1 Installation Date:	Not reported
Construction Notification:	
NOC ID:	11163
Facility ID:	74593
AI Number:	45207
Application Received Date:	03/17/2003
Scheduled Construction Date:	04/16/2003
UST Improvement:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

UST Installation: N
UST Removal: N
UST Repair: N
UST Return To Service: N
UST Replacement: N
UST Abandonment: N
UST Stage I: N
AST Installation: N
AST Stage I: N
Historical Tracking Number: M30317008
Waiver Flag: N
Late Filing Flag: N
Form Received Date: Not reported
Signature Date On Form: Not reported
Signature Name On Form: Not reported
Signature Company On Form: Not reported
Signature Title On Form: Not reported
Signature Role: Not reported
Owner Name At Time Of Construction: Not reported
Owner CN At Time Of Construction: Not reported
Owner AR At Time Of Construction: 65558
General Desc Of Prop Construct: Not reported

NOC ID: 11162
Facility ID: 74593
AI Number: 45207
Application Received Date: 05/01/2003
Scheduled Construction Date: 05/19/2003
UST Improvement: Y
UST Installation: N
UST Removal: N
UST Repair: N
UST Return To Service: N
UST Replacement: N
UST Abandonment: N
UST Stage I: N
AST Installation: N
AST Stage I: N
Historical Tracking Number: M30501003
Waiver Flag: N
Late Filing Flag: Y
Form Received Date: Not reported
Signature Date On Form: Not reported
Signature Name On Form: Not reported
Signature Company On Form: Not reported
Signature Title On Form: Not reported
Signature Role: Not reported
Owner Name At Time Of Construction: Not reported
Owner CN At Time Of Construction: Not reported
Owner AR At Time Of Construction: 21599
General Desc Of Prop Construct: Not reported

Contractor, Consultant and Installer:
Cont/Cons/Installer ID: 11997
UST ID: Not reported
NOC ID: 11162
AI Number: 45207

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Type Of Contact:	CONTRACTOR
Contractor CRP Number Or Installer ILP Number:	CRP001249
Company Name:	Not reported
Representative Name:	Not reported
Mailing Address (Delivery):	Not reported
Mailing Address (Internal Delivery):	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Foreign Postal Code:	Not reported
Mailing County Code:	Not reported
Phone Number Country Code:	1
Phone Number Area Code:	Not reported
Phone Number:	Not reported
Phone Number Extension:	Not reported
Fax Number Country Code:	Not reported
Fax Number Area Code:	Not reported
Fax Number:	Not reported
Email Address:	Not reported

Facility Billing Contacts:

Contact Organization Name:	HOOMA INVESTMENTS INC
Contact Mailing Address (Delivery):	PO BOX 4903
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN, TX 78765 4903
Phone Number/Ext:	512 2173516/0
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y
Facility ID:	74593
Additional ID:	902619222002149
Princ ID:	202546362006117
AI Number:	45207
Facility Name:	GUS'S MARKET
AR Number:	79637
AR UST Number Suffix:	Not reported
AR AST Number Suffix:	U
Contact Name/Title:	NAVID HOOMANRAD/

ASBESTOS:

Date of inspection:	03/13/2013
Reason for Inspection:	Routine
Violation:	No
Complaint Date:	Not reported
Notification Number:	Not reported
ASB Priority:	Not reported
PIF State:	Not reported
Detained:	Not reported
Product Name:	Not reported
Time Spent:	0.5
Travel Time:	0.1
Mileage:	0.3
Reg:	07
Init:	EJ
Seq:	07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Facility Type:	Abusable Volatile Chemicals
Inspector Name:	Eddie Jackson
Date Report Received:	03/18/2013
Date Routed by Supervisor:	03/18/2013
Date Routed to PSQA:	03/18/2013
Date Reviewed by PSQA:	Not reported
Date Routed by Supervisor1:	Not reported
Date Rtn'd to Inspector Corrections:	Not reported
Date Rcv'd Back:	Not reported
Date Rtn'd to Inspector Corrections2:	Not reported
Date Rcv'd Back 2:	Not reported
Date Rtn'd to Inspector Corrections 3:	Not reported
Date Rcv'd Back 3:	Not reported
Notification Status:	Not reported
Amendo:	Not reported
Notification Work Type:	Not reported
Notification Type:	Not reported
Work Type Flag:	Not reported
Certification Statement Date:	Not reported
Certification Statement Phone:	Not reported
Is The Facility a School or K-12?:	Not reported
Region:	Not reported
Priority:	Not reported
ARU:	Not reported
Is this a phased abatement project?:	Not reported
Ordered:	Not reported
Is This Project an Emergency?:	Not reported
Is Building Occupied?:	Not reported
High Profile:	Not reported
Ref Method:	Not reported
Analytical Method:	Not reported
Start Date:	Not reported
Date of inspection:	04/11/2014
Reason for Inspection:	Routine
Violation:	No
Complaint Date:	Not reported
Notification Number:	Not reported
ASB Priority:	Not reported
PIF State:	Not reported
Detained:	Not reported
Product Name:	Not reported
Time Spent:	0.5
Travel Time:	0.1
Mileage:	0
Reg:	07
Init:	EJ
Seq:	03
Facility Type:	Abusable Volatile Chemicals
Inspector Name:	Eddie Jackson
Date Report Received:	04/14/2014
Date Routed by Supervisor:	04/16/2014
Date Routed to PSQA:	04/17/2014
Date Reviewed by PSQA:	Not reported
Date Routed by Supervisor1:	Not reported
Date Rtn'd to Inspector Corrections:	Not reported
Date Rcv'd Back:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Date Rtn'd to Inspector Corrections2: Not reported
Date Rcv'd Back 2: Not reported
Date Rtn'd to Inspector Corrections 3: Not reported
Date Rcv'd Back 3: Not reported
Notification Status: Not reported
Amendo: Not reported
Notification Work Type: Not reported
Notification Type: Not reported
Work Type Flag: Not reported
Certification Statement Date: Not reported
Certification Statement Phone: Not reported
Is The Facility a School or K-12?: Not reported
Region: Not reported
Priority: Not reported
ARU: Not reported
Is this a phased abatement project?: Not reported
Ordered: Not reported
Is This Project an Emergency?: Not reported
Is Building Occupied?: Not reported
High Profile: Not reported
Ref Method: Not reported
Analytical Method: Not reported
Start Date: Not reported

TX Financial Assurance 2:

Region: 2
Facility ID: 74593
Finass ID: 189715
AI: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2017
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 800 5776614
Policy Number: PP3641512-01
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2018
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 74593
Finass ID: 174425
AI: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Financial Assurance Begin Date: 08/07/2016
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 800 5776614
Policy Number: PP3641512
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2017
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 74593
Finass ID: 157192
AI: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2015
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 800 5776614
Policy Number: PP3641108-06
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2016
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 74593
Finass ID: 137651
AI: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2014
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 512 3431006
Policy Number: PP3641108-05
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2015
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 74593
Finass ID: 112823
AI: 45207
Mechanism Type Other: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2013
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 800 5776614
Policy Number: PP364110804
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2014
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 74593
Finass ID: 130682
AI: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: 1,000,000
Meets Financial Assurance Req Flag: Y
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2013
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 800 5776614
Policy Number: PP3641108-04
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2014
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Region: 2
Facility ID: 74593
Finass ID: 7938
AI: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2012
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 512 3431106
Policy Number: PP3641108-03
Coverage Amount: 1,000,000
Coverage Expiration Date: 08/07/2013
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Region: 2
Facility ID: 74593
Finass ID: 57953
Al: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2011
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 512 3431106
Policy Number: PP3641108-02
Coverage Amount: 1000000
Coverage Expiration Date: 08/07/2012
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: No

Region: 2
Facility ID: 74593
Finass ID: 57954
Al: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 08/07/2010
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 512 3431106
Policy Number: PP3641108-01
Coverage Amount: 1000000
Coverage Expiration Date: 08/07/2011
Ins Premium Pre-Paid For Entire Yr: Yes
Proof of Financial Assurance: No

Region: 2
Facility ID: 74593
Finass ID: 57955
Al: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 10/10/2008
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: COLONY INS CO
Issuer Phone: 1 800 5776614

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUS'S MARKET (Continued)

U003566337

Policy Number: PP212273
Coverage Amount: 1000000
Coverage Expiration Date: 10/10/2009
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: No

Region: 2
Facility ID: 74593
Finass ID: 57956
Al: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 02/08/2007
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: Not reported
Issuer Phone: 1 281 9559540
Policy Number: SPS - 20968
Coverage Amount: 1000000
Coverage Expiration Date: 02/08/2008
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: No

Region: 2
Facility ID: 74593
Finass ID: 57957
Al: 45207
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: INSURANCE OR RISK RETENTION
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 12/31/1992
Date Financial Assurance Form Rec: 07/17/2018
Issuer Name: Not reported
Issuer Phone: Not reported
Policy Number: Unknown
Coverage Amount: 0
Coverage Expiration Date: 01/01/1901
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G25
ENE
1/4-1/2
0.339 mi.
1791 ft.

CRISWELL BUS TERMINAL
1315 W 5TH ST
AUSTIN, TX 78703

LPST **S116698317**
N/A

Site 1 of 2 in cluster G

Relative:
Lower
Actual:
482 ft.

LPST:
Facility ID: 0048092
LPST Id: 109325
Facility Location: 1315 5TH ST
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: AUSTIN
Reported Date: 05/15/1995
Entered Date: 04/05/1995
Priority: 4.2 - NO GW IMPACT NO APPARENT THREATS OR IMPACTS TO RECEPTORS
Program: 2 - REGION
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: The vertical extent of contamination has been defined and the assessment results document that groundwater is not affected.
Status: **FINAL CONCURRENCE ISSUED, CASE CLOSED**
Coordinators Primary: 2
Coordinators RPR: RPR
Responsible Party Name: Not reported
Responsible Party Contact: LANCE GILES
Responsible Party Address: 1111 W 6TH ST STE B 300
Responsible Party City,St,Zip: AUSTIN, TX 78703
Responsible Party Telephone: 512/926-7788
Reported Date: 03/21/1995
Case Start Date: 03/20/1995

G26
ENE
1/4-1/2
0.364 mi.
1923 ft.

CAPITAL CITY PARTNERS LOTS
1310 - 1314 WEST 5TH STREET
AUSTIN, TX 78703

VCP **S108184097**
N/A

Site 2 of 2 in cluster G

Relative:
Lower
Actual:
477 ft.

VCP TCEQ:
Region: 11
Facility ID: 1958
Facility Type: Automotive Repair Facilities
VCP Received: 08/14/2006
PCA Number: 34156
Project Number: Ogee
Type Lead: Owner
Phase: Completed
Lat/Long: Not reported
Lat/Long (DD): 30.16200 / -97.45340
Acres at Site: 0.48
Contaminant Categories: Metals
Media Affected: Soils/Groundwater
Applicant: 507 Pressler LTD
Applicant Contact Title: Owner
Applicant Address: 1717 West 6th Street, Suite 390
Applicant City,St,Zip: Austin, TX 78703
Applicant Phone: 512-481-9669
Applicant Fax: 512-481-1779
Consultant/Attorney: Terracon Consultants, Inc.
Consultant/Attorney Name: Russell Ford
Consultant/Attorney Contact Title: Consultant
Consultant/Attorney Address: 5307 Industrial Oaks Boulevard, Suite 160

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITAL CITY PARTNERS LOTS (Continued)

S108184097

Consultant/Attorney City,St,Zip: Austin, TX 78735
 Consultant/Attorney Phone: 512-442-1122
 Consultant/Attorney Fax: 512-442-1181
 TNRCC Solid Waste Registration: Not reported
 EPA Texas ID/CERCLIS Registration: Not reported
 EPA Registration: Not reported
 Application Signed By Applicant: 08/30/2006
 Standards: A
 TX Risk Reduction Prgm: 1
 Institutional Controls: Not reported
 Certificate of Completion: 08/01/2007
 Remedy Type: Not reported
 Risk Reduction or Petroleum Storage Tank: TRRP
 Leaking Petroleum Storage Registration Tank: Not reported
 Cashier Recvd: 08/14/2006
 App Accepted?: Y
 Date Accepted: 08/30/2006
 Region?: Y
 Alt VCP Id: Not reported
 Project No.: 341560
 Contaminants Identified: Not reported
 OffSite?: Not reported
 Billing Company: 507 Pressler LTD
 Billing c/o Name: Peter Lamy
 Billing Address1: 1717 West 6th Street
 Billing Address2: Suite 390
 Billing City: Austin
 Billing State: TX
 Billing Zip: 78703
 Billing Phone: 512-481-9669
 IOP No.: Not reported
 Region COC?: Not reported
 Region R/W?: Not reported
 Survey?: Not reported
 Comments: Not reported
 Media: F
 File Location: CR

27
 East
 1/4-1/2
 0.382 mi.
 2016 ft.

G S TYPESETTERS INC
410 BAYLOR ST
AUSTIN, TX

LPST S116701698
N/A

Relative:
Lower
Actual:
473 ft.

LPST:
 Facility ID: Not reported
 LPST Id: 91181
 Facility Location: Not reported
 TCEQ Region# and City: REGION 11 - AUSTIN
 Region City: Not reported
 Reported Date: 06/29/1987
 Entered Date: 12/16/1986
 Priority: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
 Program: 1 - RPR
 CA Status: 6A - FINAL CONCURRENCE ISSUED
 Priority Description: Not reported
Status: Not reported
 Coordinators Primary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G S TYPESETTERS INC (Continued)

S116701698

Coordinators RPR: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Address: Not reported
Responsible Party City,St,Zip: Not reported
Responsible Party Telephone: Not reported
Reported Date: 12/15/1986
Case Start Date: 12/07/1986

28
WSW
1/4-1/2
0.405 mi.
2139 ft.

WIND RIDGE APARTMENTS
1300 SPYGLASS DRIVE
AUSTIN, TX 78746

VCP S108652631
N/A

Relative:
Higher

VCP TCEQ:

Actual:
560 ft.

Region: 11
Facility ID: 2066
Facility Type: Apartment Complex
VCP Received: 05/31/2007
PCA Number: 34262
Project Number: Settemeyer
Type Lead: Owner
Phase: Completed
Lat/Long: Not reported
Lat/Long (DD): 30.15392 / -97.47110
Acres at Site: 9.47
Contaminant Categories: TPH
Media Affected: Soils
Applicant: Windridge Investors, LLC
Applicant Contact Title: President
Applicant Address: 1999 Avenue of the Stars, Suite 2850
Applicant City,St,Zip: Los Angeles, CA 90067
Applicant Phone: 310-824-2200
Applicant Fax: 310-824-7931
Consultant/Attorney: RCI Environmental, Inc.
Consultant/Attorney Name: Greg Upah
Consultant/Attorney Contact Title: Consultant
Consultant/Attorney Address: 17754 Preston Road, Suite 101
Consultant/Attorney City,St,Zip: Dallas, TX 75252
Consultant/Attorney Phone: 972-250-6608
Consultant/Attorney Fax: 972-250-6706
TNRCC Solid Waste Registration: Not reported
EPA Texas ID/CERCLIS Registration: Not reported
EPA Registration: Not reported
Application Signed By Applicant: 06/26/2007
Standards: A
TX Risk Reduction Prgm: 1
Institutional Controls: Not reported
Certificate of Completion: 02/20/2009
Remedy Type: Not reported
Risk Reduction or Petroleum Storage Tank: TRRP
Leaking Petroleum Storage Registration Tank: Not reported
Cashier Recvd: 05/24/2007
App Accepted?: Y
Date Accepted: 06/26/2007
Region?: Y
Alt VCP Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIND RIDGE APARTMENTS (Continued)

S108652631

Project No.: 342620
Contaminants Identified: Not reported
OffSite?: Not reported
Billing Company: Windridge Investors, LLC
Billing c/o Name: Dan Nishikawa
Billing Address1: 1999 Avenue of the Stars
Billing Address2: Suite 2850
Billing City: Los Angeles
Billing State: CA
Billing Zip: 90067
Billing Phone: 310-824-2200
IOP No.: Not reported
Region COC?: Not reported
Region R/W?: Not reported
Survey?: Not reported
Comments: Not reported
Media: F
File Location: CR

H29
ESE
1/4-1/2
0.432 mi.
2282 ft.

BARTON SPRINGS TEXACO
424 S LAMAR BLVD
AUSTIN, TX 78704

Site 1 of 2 in cluster H

LPST U001250194
UST N/A
HIST UST
Financial Assurance
GCC

Relative:
Lower
Actual:
458 ft.

LPST:
Facility ID: 0014808
LPST Id: 116599
Facility Location: 424 S LAMAR BLVD
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: AUSTIN
Reported Date: 09/13/2013
Entered Date: 08/22/2005
Priority: 1.6 - EDWARDS AQUIFER RECHARGE ZONE OR TRANSITION ZONE IMPACT
Program: 1 - RPR
CA Status: 6P - FINAL PENDING WELL PLUG
Priority Description: The Edwards aquifer, recharge zone or transition zone is affected.
Status: FINAL CONCURRENCE PENDING DOCUMENTATION OF WELL PLUGGING
Coordinators Primary: 1/1P
Coordinators RPR: ZL
Responsible Party Name: Not reported
Responsible Party Contact: MOTON CROCKETT
Responsible Party Address: 805 C SPARKS AVE
Responsible Party City,St,Zip: AUSTIN, TX 78705 3102
Responsible Party Telephone: 512/476-4154
Reported Date: 06/15/2005
Case Start Date: 06/01/2005

UST:
AI Number: 14808
Facility Type: RETAIL
Facility Begin Date: 08/31/1987
Facility Status: INACTIVE
Additional ID: 727644812002246
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Number Of Active UST:	0
Site Location Description:	Not reported
Site Location (Nearest City Name):	Not reported
Site Location (County Name):	TRAVIS
Site Location (Tceq Region):	11
Site Location (Location Zip):	78704
Contact Name/Title:	MOTON CROCKETT, BARTON SPRINGS TEXACO
Contact Organization Name:	BARTON SPRINGS TEXACO
Contact Mailing Address1:	Not reported
Contact Mailing Address2:	Not reported
Contact Mailing City/State/Zip:	Not reported
Contact Telephone:	5124764154
Facility Contact Address Deliverable:	Not reported
Contact Fax Number:	Not reported
Contact Email Address:	Not reported
Signature Date On Earliest Reg Form:	05/08/1986
Signature Name/Title On Earliest Reg Form:	J RAMOS,MGR
Application Received Date On Earliest Reg Form:	05/08/1986
Signature Role On Earliest Reg Form:	Not reported
Signature Company On Earliest Reg Form:	Not reported
Enforcement Action:	Not reported
Facility Not Inspectable:	No
Operator:	
Princ ID:	717644812002246
Additional ID:	727644812002246
Ai Number:	14808
Operator CN:	CN601445034
Operator Name:	CROCKETT MOTON III AND CROCKETT HELEN
Operator Effective Begin Date:	02/07/2001
Operator Type:	OR
Operator Role:	OPRCON
Contact Name:	/
Contact Organization Name:	CROCKETT MOTON III AND CROCKETT HELEN
Contact Mailing Address (Delivery):	705 SPARKS AVE APT C
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN TX 78705-3154
Contact Phone Country Code:	Not reported
Contact Phone Area Code:	Not reported
Contact Phone Number:	Not reported
Contact Phone Extension:	Not reported
Contact Fax Country Code:	Not reported
Contact Fax Area Code:	Not reported
Contact Fax Number:	Not reported
Contact Fax Extension:	Not reported
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Owner:	
Owner CN:	CN601445034
Owner Last Name:	CROCKETT MOTON III AND CROCKETT HELEN
Owner First Name:	Not reported
Owner Middle Name:	Not reported
Owner Type:	OR
Contact Mailing Address (Delivery):	705 SPARKS AVE APT C
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City:	AUSTIN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Contact Mailing State:	TX
Contact Mailing Zip:	78705
Contact Mailing Zip5:	3154
Contact Phone Number/Ext:	1 512 4764154/0
Contact Fax Country Code:	Not reported
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Not reported
Princ ID:	717644812002246
Additional ID:	727644812002246
AI Number:	14808
Owner Effective Begin Date:	02/07/2001
State Tax ID:	Not reported
Contact Role:	OWNCON
Contact Name/Title:	MOTON CROCKETT/
Contact Organization Name:	CROCKETT MOTON III AND CROCKETT HELEN

Tank:

Install Date:	08/31/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	8000
Tank Singlewall:	Y
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	38010
Facility ID:	91998
AI Number:	14808
Tank Id:	1
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	05/19/2005
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	Y
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/01/1990
Compartment Records:	
Tank ID:	1
Tank Capacity:	8000
UST Comprt ID:	141381
UST ID:	38010
AI Number:	14808
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	Y
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	08/31/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	500
Tank Singlewall:	Y
Tank Doublewall:	N
Pipe Type:	P
UST ID:	38013
Facility ID:	91998
Ai Number:	14808
Tank Id:	4
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	05/19/2005
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/01/1990
Compartment Records:	
Tank ID:	4
Tank Capacity:	500
UST Comprt ID:	141384
UST ID:	38013
AI Number:	14808
Compartment ID:	A
Substance Stored1:	USED OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Install Date:	08/31/1987
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	8000
Tank Singlewall:	Y
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	38012
Facility ID:	91998
Ai Number:	14808
Tank Id:	2
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	05/19/2005
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	Y
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	Y
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Piping Corrosion Prot Variance: N
 Temp Out Of Service Compliance: N
 Technical Compliance Flag: N
 Tank Tested Flag: Y
 Installation Signature Date: 08/01/1990

Compartment Records:

Tank ID: 2
 Tank Capacity: 8000
 UST Comprt ID: 141383
 UST ID: 38012
 AI Number: 14808
 Compartment ID: A
 Substance Stored1: GASOLINE
 Substance Stored2: Not reported
 Substance Stored3: Not reported
 CompartmentReleaseDetectionMethod(Vapor): N
 CRDM(GW Monitoring): N
 CRDM(Monitoring Of Secondary Cont Barrier): N
 CRDM(Auto Tank Gauge Test/Inv Control): Y
 CRDM(Interstitial Monitoring SecWall/Jacket): N
 CRDM(Wkly Manual Gauging(Tanks<=1000 G): N
 CRDM(Mthly Tank Gauging(Emer Gen Tanks): N
 CRDM(Sir (Stat Inv Reconciliation)/Inv Control): N
 PipingReleaseDetectionMethod(PRDM)(Vapor): N
 PRDM(Groundwater Monitoring): N
 PRDM(Monitoring Sec Containment Barrier): N
 PRDM(InterstitialMonitoring w/in SecWall/Jacket): N
 PRDM(Mthly Piping Tightness Test)@.2Gph: N
 PRDM(AnnualPipingTightTest/ElecMon@.1Gph: N
 PRDM(TriennialTightTest(Suction/GravityPiping): N
 PRDM AutoLineLeakDet(3.0 Gph PressPiping): N
 PRDM(Sir(StatInv Recon)/Inv Control)): N
 PRDM(Exempt System Suction): N
 Spill Overfill Prevention Equip(SOPE): Y
 SOPE(Spill Cont/Bucket/Sump): Y
 SOPE(DelShut-Off Valve): Y
 SOPE(FlowRestrictorValue: N
 SOPE(Alarm (Set@<=90%) W/3a Or 3b: N
 SOPE(N/A Deliveries To Tank<=25G): N
 Compartment Release Det Compliance Flag: Y
 Piping Release Detection Compliance Flag): N
 Spill/OverfillPreventionCompliance Flag: Y
 Compartment Release Detection Variance: N
 Piping Release Detection Variance: N
 Spill And Overfill Prevention Variance: N
 Stage I Vapor Recovery: Not reported
 Stage 1 Installation Date: Not reported

Install Date: 08/31/1987
 Tank Registration Date: 05/08/1986
 Number of Compartments: 1
 Tank Capacity: 4000
 Tank Singlewall: Y
 Tank Doublewall: N
 Pipe Type: Not reported
 UST ID: 38011

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Facility ID:	91998
Ai Number:	14808
Tank Id:	3
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	05/19/2005
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	Y
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	Y
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	Y
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	Y
Piping Corr Prot Compliance Flag:	Y
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	08/01/1990
Compartment Records:	
Tank ID:	3
Tank Capacity:	4000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

UST Comprt ID:	141382
UST ID:	38011
AI Number:	14808
Compartment ID:	A
Substance Stored1:	GASOLINE
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	Y
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	Y
SOPE(Spill Cont/Bucket/Sump):	Y
SOPE(DelShut-Off Valve):	Y
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	Y
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	Y
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Construction Notification:	
NOC ID:	15185
Facility ID:	91998
AI Number:	14808
Application Received Date:	05/09/2005
Scheduled Construction Date:	05/19/2005
UST Improvement:	N
UST Installation:	N
UST Removal:	Y
UST Repair:	N
UST Return To Service:	N
UST Replacement:	N
UST Abandonment:	N
UST Stage I:	N
AST Installation:	N
AST Stage I:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Historical Tracking Number:	M50509009
Waiver Flag:	N
Late Filing Flag:	Y
Form Received Date:	Not reported
Signature Date On Form:	Not reported
Signature Name On Form:	Not reported
Signature Company On Form:	Not reported
Signature Title On Form:	Not reported
Signature Role:	Not reported
Owner Name At Time Of Construction:	Not reported
Owner CN At Time Of Construction:	Not reported
Owner AR At Time Of Construction:	59839
General Desc Of Prop Construct:	Not reported
Contractor, Consultant and Installer:	
Cont/Cons/Installer ID:	16276
UST ID:	Not reported
NOC ID:	15185
AI Number:	14808
Type Of Contact:	CONTRACTOR
Contractor CRP Number Or Installer ILP Number:	CRP001073
Company Name:	Not reported
Representative Name:	Not reported
Mailing Address (Delivery):	Not reported
Mailing Address (Internal Delivery):	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Foreign Postal Code:	Not reported
Mailing County Code:	Not reported
Phone Number Country Code:	1
Phone Number Area Code:	Not reported
Phone Number:	Not reported
Phone Number Extension:	Not reported
Fax Number Country Code:	Not reported
Fax Number Area Code:	Not reported
Fax Number:	Not reported
Email Address:	Not reported
Facility Billing Contacts:	
Contact Organization Name:	CROCKETT MOTON III AND CROCKETT HELEN
Contact Mailing Address (Delivery):	705 SPARKS AVE APT C
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN, TX 78705 3154
Phone Number/Ext:	/
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y
Facility ID:	91998
Additional ID:	727644812002246
Princ ID:	717644812002246
AI Number:	14808
Facility Name:	BARTON SPRINGS TEXACO
AR Number:	Not reported
AR UST Number Suffix:	Not reported
AR AST Number Suffix:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Contact Name/Title: MOTON CROCKETT/

HIST UST AUSTIN:

Id UST: H0999
HID UST: 999
Inspection: Not reported
Due: 06/01/2012

TX Financial Assurance 2:

Region: 2
Facility ID: 91998
Finass ID: 75631
Al: 14808
Mechanism Type Other: Not reported
Multiple Mechanism Types: N
Coverage Amt per Annual Aggregate: Not reported
Meets Financial Assurance Req Flag: Not reported
Financial Responsibility Type: LETTER OF CREDIT
Corrective Action MET Flag: Y
3rd Party MET Flag: Y
Financial Assurance Begin Date: 01/01/1901
Date Financial Assurance Form Rec: Not reported
Issuer Name: Not reported
Issuer Phone: Not reported
Policy Number: Unknown
Coverage Amount: 0
Coverage Expiration Date: 01/01/1901
Ins Premium Pre-Paid For Entire Yr: No
Proof of Financial Assurance: No

GCC:

Division: RMD/PST
New Cases: Not reported
File Number: 116599
Contamination Description: UNKNOWN
Date Of Earliest Known Contamination Confirmation: 8/22/2005
Enforcement Status - Level Of Agency Response: 2A
Enforcement Status - Site Activity Status: 2A
Data Quality 1: E,Q
Section 5236: Not reported
Type: GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Agency: Not reported
Section: Not reported
Year Deleted: Not reported
Location: Not reported
Data Quality 2: Not reported

Division: RMD/PST
New Cases: Not reported
File Number: 116599
Contamination Description: UNKNOWN
Date Of Earliest Known Contamination Confirmation: 8/22/2005
Enforcement Status - Level Of Agency Response: 2A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Enforcement Status - Site Activity Status: 2A
Data Quality 1: E,Q
Section 5236: Not reported
Type: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Agency: Not reported
Section: Not reported
Year Deleted: Not reported
Location: Not reported
Data Quality 2: Not reported

Division: RMD/PST
New Cases: Not reported
File Number: 116599
Contamination Description: UNKNOWN
Date Of Earliest Known Contamination Confirmation: 8/22/2005
Enforcement Status - Level Of Agency Response: 2
Enforcement Status - Site Activity Status: 2A
Data Quality 1: E,Q
Section 5236: Not reported
Type: GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Agency: Not reported
Section: Not reported
Year Deleted: Not reported
Location: Not reported
Data Quality 2: Not reported

Division: RMD/PST
New Cases: Not reported
File Number: 116599
Contamination Description: UNKNOWN
Date Of Earliest Known Contamination Confirmation: 8/22/2005
Enforcement Status - Level Of Agency Response: 2
Enforcement Status - Site Activity Status: 2A
Data Quality 1: E,Q
Section 5236: Not reported
Type: GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Agency: Not reported
Section: Not reported
Year Deleted: Not reported
Location: Not reported
Data Quality 2: Not reported

Division: REM/PST
New Cases: Not reported
File Number: 116599
Contamination Description: GASOLINE, WASTE OIL
Date Of Earliest Known Contamination Confirmation: 8/22/2005
Enforcement Status - Level Of Agency Response: 2
Enforcement Status - Site Activity Status: 6
Data Quality 1: E,Q
Section 5236: Not reported
Type: GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Agency: Not reported
Section: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARTON SPRINGS TEXACO (Continued)

U001250194

Year Deleted:	Not reported
Location:	Not reported
Data Quality 2:	Not reported
Division:	REM/PST
New Cases:	Not reported
File Number:	116599
Contamination Description:	GASOLINE, WASTE OIL
Date Of Earliest Known Contamination Confirmation:	8/22/2005
Enforcement Status - Level Of Agency Response:	2
Enforcement Status - Site Activity Status:	4
Data Quality 1:	E,Q
Section 5236:	Not reported
Type:	GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Agency:	Not reported
Section:	Not reported
Year Deleted:	Not reported
Location:	Not reported
Data Quality 2:	Not reported

30
East
1/4-1/2
0.446 mi.
2356 ft.

SEAHOLM DISTRICT UPRR
S 3RD STREET BETWEEN WEST AVENUE AND LAMAR
AUSTIN, TX 77502

US BROWNFIELDS **1012089629**
FINDS **N/A**

Relative:
Lower
Actual:
457 ft.

US BROWNFIELDS:	
Property Name:	SEAHOLM DISTRICT UPRR
Recipient Name:	Austin, City of
Grant Type:	Assessment
Property Number:	Not reported
Parcel size:	0
Latitude:	30.267711
Longitude:	-97.754162
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	10934
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEAHOLM DISTRICT UPRR (Continued)

1012089629

Accomplishment Count:	0
Cooperative Agreement Number:	98609301
Start Date:	Not reported
Ownership Entity:	Not reported
Completion Date:	Not reported
Current Owner:	Not reported
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SEAHOLM DISTRICT UPRR (Continued)

1012089629

Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	282
Below Poverty Percent:	9.3%
Meidan Income:	8894
Meidan Income Number:	541
Meidan Income Percent:	17.8%
Vacant Housing Number:	425
Vacant Housing Percent:	19.3%
Unemployed Number:	131
Unemployed Percent:	4.3%
Property Name:	SEAHOLM DISTRICT UPRR
Recipient Name:	R6 Brownfields TBA (previously Superfund TBA)
Grant Type:	TBA
Property Number:	Not reported
Parcel size:	0
Latitude:	30.267711
Longitude:	-97.754162

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEAHOLM DISTRICT UPRR (Continued)

1012089629

HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	10934
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1
Assessment Funding Source:	US EPA - TBA Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	n/a
Start Date:	03/12/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/12/2003 00:00:00
Current Owner:	Not reported
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEAHOLM DISTRICT UPRR (Continued)

1012089629

Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SEAHOLM DISTRICT UPRR (Continued)

1012089629

Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	282
Below Poverty Percent:	9.3%
Meidan Income:	8894
Meidan Income Number:	541
Meidan Income Percent:	17.8%
Vacant Housing Number:	425
Vacant Housing Percent:	19.3%
Unemployed Number:	131
Unemployed Percent:	4.3%

FINDS:

Registry ID: 110038692885

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is a federal online database for Brownfields Grantees to electronically submit data directly to EPA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

31
ENE
1/4-1/2
0.456 mi.
2410 ft.

PHOENIX MOTOR WORKS
1127 W 6TH ST
AUSTIN, TX 78703

LPST U001829307
UST N/A

Relative:
Lower
Actual:
484 ft.

LPST:

Facility ID:	0065501
LPST Id:	102019
Facility Location:	1127 W 6TH ST
TCEQ Region# and City:	REGION 11 - AUSTIN
Region City:	AUSTIN
Reported Date:	04/01/1994
Entered Date:	03/31/1992
Priority:	4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
Program:	2 - REGION
CA Status:	6A - FINAL CONCURRENCE ISSUED
Priority Description:	SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP
Status:	FINAL CONCURRENCE ISSUED, CASE CLOSED
Coordinators Primary:	2
Coordinators RPR:	RPR
Responsible Party Name:	Not reported
Responsible Party Contact:	BOB FAIR
Responsible Party Address:	501 W 5TH ST
Responsible Party City,St,Zip:	AUSTIN, TX 78701
Responsible Party Telephone:	512/476-4761
Reported Date:	02/17/1992
Case Start Date:	02/17/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

UST:

AI Number: 65501
Facility Type: FLEET REFUELING
Facility Begin Date: 03/21/1994
Facility Status: INACTIVE
Additional ID: 862160472002118
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: No
Number Of Active UST: 0
Site Location Description: Not reported
Site Location (Nearest City Name): Not reported
Site Location (County Name): TRAVIS
Site Location (Tceq Region): 11
Site Location (Location Zip): 78703
Contact Name/Title: ,
Contact Organization Name: Not reported
Contact Mailing Address1: Not reported
Contact Mailing Address2: Not reported
Contact Mailing City/State/Zip: Not reported
Contact Telephone: Not reported
Facility Contact Address Deliverable: Not reported
Contact Fax Number: Not reported
Contact Email Address: Not reported
Signature Date On Earliest Reg Form: 03/10/1994
Signature Name/Title On Earliest Reg Form: DOUG WEAVER,PRES/EXCELL ENVIRON
Application Received Date On Earliest Reg Form: 03/16/1994
Signature Role On Earliest Reg Form: Not reported
Signature Company On Earliest Reg Form: Not reported
Enforcement Action: Not reported
Facility Not Inspectable: No

Owner:

Owner CN: CN600781876
Owner Last Name: COVERT BUICK INC
Owner First Name: Not reported
Owner Middle Name: Not reported
Owner Type: CO
Contact Mailing Address (Delivery): Not reported
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City: Not reported
Contact Mailing State: Not reported
Contact Mailing Zip: Not reported
Contact Mailing Zip5: Not reported
Contact Phone Number/Ext: /
Contact Fax Country Code: Not reported
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Not reported
Princ ID: 916637702002053
Additional ID: 862160472002118
AI Number: 65501
Owner Effective Begin Date: 03/21/1994
State Tax ID: 17419827419
Contact Role: Not reported
Contact Name/Title: /
Contact Organization Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Tank:
 Install Date: 08/31/1987
 Tank Registration Date: 03/16/1994
 Number of Compartments: 1
 Tank Capacity: 3000
 Tank Singlewall: N
 Tank Doublewall: N
 Pipe Type: Not reported
 UST ID: 149706
 Facility ID: 42962
 Ai Number: 65501
 Tank Id: 1
 Tank Status (Current): REMOVED FROM GROUND
 Tank Status Date: 01/25/1992
 Empty: N
 Tank Regulatory Status: FULLY REGULATED
 Tank Int Prot (Internal Tank Lining Date): Not reported
 Piping Design (Single Wall): N
 Piping Design (Double Wall): N
 Tank Ext Cont(Fac-Built Nonmetallic Jacket): N
 Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Tank Ext Cont(Tank Vault/Rigid Trench Liner): N
 Piping Ext Cont(Fac-Built Nonmetallic Jacket): N
 Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Piping Ext Cont(Tank Vault/Rigid Trench Liner): N
 Tank Material (Steel): N
 Tank Material(Frp(Fiberglass-Reinforced Plastic): N
 Tank Mat(Composite (Steel W/Ext Frp Cladding)): N
 Tank Mat(Concrete): N
 Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)): N
 Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)): N
 Piping Material (Steel): N
 Piping Mat(Frp(Fiberglass Reinforced Plastic): N
 Piping Mat(Concrete): N
 Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)): N
 Piping Mat(Nonmetallic Flex Piping): N
 PipingConnect/Valves(Shear/Impact Valves(Under Disp)): N
 Piping Connect/Valves(Steel Swing-Joints(End Of Piping)): N
 Piping Connect/Valves (Flex Connectors(Ends Of Piping)): N
 Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation): N
 TCPM (ExtDielectricCoat/Laminate/Tape/Wrap): N
 TCPM(Cathodic Prot-FaInstallation): N
 TCPM(Composite Tank(Steel W/Frp Ext Laminate): N
 TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate): N
 TCPM(FRP Tank Or Piping(Noncorrodible)): N
 TCPM(Ext Nonmetallic Jacket): N
 TCPMeth(Unnecessary Per Corrosion Prot Spec): N
 Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap): N
 Piping Corr Prot Method(PCPM) (Cathodic Factory Install): N
 PCPM(Cathodic Prot-Field Install): N
 PCPMethod (FRP Tank Or Piping(Noncorrodible): N
 PCPM(Nonmetallic FlexPiping (Noncorrodible)): N
 PCPMeth(Isolated Open Area/2nd Containment): N
 PCPM (Dual Protected): N
 PCPM(Unnec Per Corrosion Prot Specialist): N
 Tank Corr Prot Compliance Flag: N
 Piping Corr Prot Compliance Flag: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	1
Tank Capacity:	3000
UST Comprt ID:	14104
UST ID:	149706
AI Number:	65501
Compartment ID:	A
Substance Stored1:	UNKNOWN
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
More Self Certification:	
Self Cert ID:	25511
Cert ID:	69666
UST Comprt ID:	217024
UST ID:	80338
AI Number:	65501
Tank ID:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69665
UST Comprt ID:	217025
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	301990
UST Comprt ID:	873309
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	268100
UST Comprt ID:	772259
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	284806
UST Comprt ID:	821898
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	251846
UST Comprt ID:	724089
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	234490
UST Comprt ID:	673042
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69655
UST Comprt ID:	217033
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Self Cert ID: 25511
Cert ID: 69656
UST Comprt ID: 217034
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69657
UST Comprt ID: 217035
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69658
UST Comprt ID: 217032
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69659
UST Comprt ID: 217031
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69660
UST Comprt ID: 217030
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69661
UST Comprt ID: 217029
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69662
UST Comprt ID: 217028
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Cert ID:	69663
UST Comprt ID:	217027
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69664
UST Comprt ID:	217026
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69667
UST Comprt ID:	217023
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Install Date:	08/31/1987
Tank Registration Date:	03/16/1994
Number of Compartments:	1
Tank Capacity:	550
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	149707
Facility ID:	42962
AI Number:	65501
Tank Id:	2
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/25/1992
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	2
Tank Capacity:	550
UST Comprt ID:	14105
UST ID:	149707
AI Number:	65501
Compartment ID:	A
Substance Stored1:	UNKNOWN
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Spill Overfill Prevention Equip(SOPE): N
SOPE(Spill Cont/Bucket/Sump): N
SOPE(DelShut-Off Valve): N
SOPE(FlowRestrictorValue: N
SOPE(Alarm (Set@<=90%) W/3a Or 3b: N
SOPE(N/A Deliveries To Tank<=25G): N
Compartment Release Det Compliance Flag: N
Piping Release Detection Compliance Flag): N
Spill/OverfillPreventionCompliance Flag: N
Compartment Release Detection Variance: N
Piping Release Detection Variance: N
Spill And Overfill Prevention Variance: N
Stage 1 Vapor Recovery: Not reported
Stage 1 Installation Date: Not reported

More Self Certification:

Self Cert ID: 25511
Cert ID: 69666
UST Comprt ID: 217024
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69665
UST Comprt ID: 217025
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 301990
UST Comprt ID: 873309
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 268100
UST Comprt ID: 772259
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 284806
UST Comprt ID: 821898
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Cert ID:	251846
UST Comprt ID:	724089
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	234490
UST Comprt ID:	673042
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69655
UST Comprt ID:	217033
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69656
UST Comprt ID:	217034
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69657
UST Comprt ID:	217035
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69658
UST Comprt ID:	217032
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69659
UST Comprt ID:	217031
UST ID:	80338
AI Number:	65501
Tank ID:	1
Compartment ID:	A
Self Cert ID:	25511
Cert ID:	69660

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

UST Comprt ID: 217030
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69661
UST Comprt ID: 217029
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69662
UST Comprt ID: 217028
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69663
UST Comprt ID: 217027
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69664
UST Comprt ID: 217026
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Self Cert ID: 25511
Cert ID: 69667
UST Comprt ID: 217023
UST ID: 80338
AI Number: 65501
Tank ID: 1
Compartment ID: A

Facility Billing Contacts:

Contact Organization Name: COVERT BUICK INC
Contact Mailing Address (Delivery): 11750A RESEARCH BLVD
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City/State/Zip: AUSTIN, TX 78759 2446
Phone Number/Ext: /
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Y
Facility ID: 42962

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX MOTOR WORKS (Continued)

U001829307

Additional ID: 862160472002118
Princ ID: 916637702002053
AI Number: 65501
Facility Name: PHOENIX MOTOR WORKS
AR Number: Not reported
AR UST Number Suffix: Not reported
AR AST Number Suffix: Not reported
Contact Name/Title: PAUL MATHEWS/

H32
ESE
1/4-1/2
0.462 mi.
2441 ft.

EXXON SS 63684
500 S LAMAR BLVD
AUSTIN, TX 78704
Site 2 of 2 in cluster H

LPST **S102757770**
HIST UST **N/A**
Ind. Haz Waste

Relative:
Lower
Actual:
469 ft.

LPST:
Facility ID: 0026083
LPST Id: 103900
Facility Location: 500 S LAMAR
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: AUSTIN
Reported Date: 07/02/1997
Entered Date: 08/12/1992
Priority: 1.6 - EDWARDS AQUIFER RECHARGE ZONE OR TRANSITION ZONE IMPACT
Program: 1 - RPR
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: The Edwards aquifer, recharge zone or transition zone is affected.
Status: **FINAL CONCURRENCE ISSUED, CASE CLOSED**
Coordinators Primary: 1/2
Coordinators RPR: JES
Responsible Party Name: Not reported
Responsible Party Contact: DEBBIE HUNTER
Responsible Party Address: PO BOX 2180
Responsible Party City,St,Zip: HOUSTON, TX 77252 2180
Responsible Party Telephone: 713/656-2312
Reported Date: 07/21/1992
Case Start Date: 07/10/1992

HIST UST AUSTIN:

Id UST: H0399
HID UST: 399
Inspection: Not reported
Due: 06/01/2012

Id UST: H0401
HID UST: 401
Inspection: Not reported
Due: 06/01/2012

Ind. Haz Waste:

Registration Number: 77076
Registration Initial Notification Date: 06/28/1991
Registration Last Amendment Date: 11/29/2005
EPA Identification: TXD988032082

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SS 63684 (Continued)

S102757770

Primary NAICS Code: Not reported
Status Change Date: 19910628
Land Type: PRIVATE
Description of Facility Site Location: 500 S Lamar, Austin, TX
Site Primary Standard Industrial Code: Not reported
Site Primary SIC Description: Not reported
Registration is Generator of Waste: Yes
Registration is Receivers of Waste: No
Registration is Transporter of Waste: No
Registration is Transfer Facility: No
Facility is STEERS Reporter: No
Required to Submit Annual Waste Summary: No
Facility Involved In Recycling: No
Revr Has Monthly Reporting Requirement: 0
Mexican Facility: Not reported
Type of Generator: NON INDUS, SQG
TNRCC Region: Not reported
Company Name: EXXON MOBIL CORPORATION
Contact Name: ALDA S POOL
Contact Telephone Number: 713-6567709
Mailing Address: PO BOX 4415
Mailing Address2: Not reported
Mailing City,St,Zip: HOUSTON, TX 772104415
Mailing County: UNITED STATES
Facility Country: UNITED STATES
TNRCC Facility ID: 31384
Site Owner Tax ID: 135409005
Site Location Latitude: -00.000
Site Location Longitude: -000.000
Last Update to NOR Data: 20051201
Ind. waste permit Number: Not reported
Mun waste permit Number: Not reported
Non Notifier: No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address: PO BOX 4415
Owner Mailing Address2: Not reported
Owner Mailing Address3: Not reported
Owner City,St,Zip: HOUSTON, TX 77210 4415
Owner Country: UNITED STA
Owner Phone Number: 1-713-6567709
Owner Fax Number: Not reported
Owner Email Address: Not reported
Owner Business Type: Corporation
Owner Tax Id: 11354090059
Owner Bankruptcy Code: Not reported

Operator:

Operator Last Name: EXXON MOBIL CORPORATION
Operator First Name: Not reported
Operator Name: EXXON MOBIL CORPORATION
Operator Mailing Address: PO BOX 4415
Operator Mailing Address 2: Not reported
Operator Mailing City,St,Zip: HOUSTON, TX 77210 4415
Operator Country: UNITED STA
Operator Phone: 1-713-6567709
Operator Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SS 63684 (Continued)

S102757770

Operator Email: Not reported
Operator Business Type: Corporation
Operator Tax Id: 11354090059
Operator Bankruptcy Code: Not reported

Contact:
Contact Name: Not reported
Contact Title: Not reported
Contact Role: OWNCON
Contact Address: PO BOX 4415
Contact Address2: Not reported
Contact City,St,Zip: HOUSTON, TX 77210 4415
Contact Phone: 1-713-6567709
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: ALDA POOL
Contact Title: WASTE ADMINISTRATOR
Contact Role: PRICONT
Contact Address: PO BOX 4415
Contact Address2: Not reported
Contact City,St,Zip: HOUSTON, TX 77210 4415
Contact Phone: 1-713-6567709
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: ALDA POOL
Contact Title: Not reported
Contact Role: STEERCNT
Contact Address: PO BOX 2180
Contact Address2: Not reported
Contact City,St,Zip: HOUSTON, TX 77252 2180
Contact Phone: 1-713-6567709
Contact Fax: Not reported
Contact Email: Not reported

Contact:
Contact Name: Not reported
Contact Title: Not reported
Contact Role: OPRCON
Contact Address: PO BOX 4415
Contact Address2: Not reported
Contact City,St,Zip: HOUSTON, TX 77210 4415
Contact Phone: 1-713-6567709
Contact Fax: Not reported
Contact Email: Not reported

Unit:
Unit No: 001
Deed Record Needed: Not reported
Deed Recording Date: Not reported
Unit Type Code: 14
Unit Type: Not reported
Unit Status: ACTIVE
Unit Regulatory Status: Not reported
UIC Permit Number: Not reported
Capacity: Not reported
Capacity Measurement: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EXXON SS 63684 (Continued)

S102757770

Off Site Hazardous Waste: No
 Off Site Class 1 Waste: Not reported
 Off Site Class 2 Waste: Not reported
 Off Site Class 3 Waste: Not reported
 Off Site Non Indstrl Sld Wst: Not reported
 System Type Code: Not reported
 System Type: Not reported
 System Type Code 1: Not reported
 System Type 1: Not reported
 System Type Code 2: Not reported
 System Type 2: Not reported
 System Type Code 3: Not reported
 System Type 3: Not reported
 System Type Code 4: Not reported
 System Type 4: Not reported
 Permit Seq #: Not reported
 Unit Description on NOR: Not reported
 Dt Last Changed: Not reported

One Time Shipper Records Not Found for this RegNo/Year:

Receiver Type: Not reported
 Transporter for hire: 0
 Transport own waste: 0
 Eq 01, if transport waste type = 1: Not reported
 Eq 02, if transport waste type = 2: Not reported
 Eq 03, if transport waste type = 3: Not reported
 Eq 04, if transport waste type = H: Not reported
 Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste Records Not Found for this RegNo/Year:

33
East
1/4-1/2
0.484 mi.
2554 ft.

CAPITOL CHEVROLET
501 N LAMAR BLVD
AUSTIN, TX 78703

LPST **U001259227**
UST **N/A**
Ind. Haz Waste

Relative:
Lower
Actual:
480 ft.

LPST:
 Facility ID: Not reported
 LPST Id: 95067
 Facility Location: Not reported
 TCEQ Region# and City: REGION 11 - AUSTIN
 Region City: Not reported
 Reported Date: 07/27/1990
 Entered Date: 03/29/1990
 Priority: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
 Program: 2 - REGION
 CA Status: 6A - FINAL CONCURRENCE ISSUED
 Priority Description: Not reported
Status: Not reported
 Coordinators Primary: Not reported
 Coordinators RPR: Not reported
 Responsible Party Name: Not reported
 Responsible Party Contact: Not reported
 Responsible Party Address: Not reported
 Responsible Party City,St,Zip: Not reported
 Responsible Party Telephone: Not reported
 Reported Date: 01/15/1990
 Case Start Date: 01/15/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

UST:

AI Number: 25102
Facility Type: RETAIL
Facility Begin Date: 10/07/1986
Facility Status: INACTIVE
Additional ID: 20403372003094
Facility Exempt Status: N
Records Off-Site: No
UST Financial Assurance Required: No
Number Of Active UST: 0
Site Location Description: Not reported
Site Location (Nearest City Name): Not reported
Site Location (County Name): TRAVIS
Site Location (Tceq Region): 11
Site Location (Location Zip): 78703
Contact Name/Title: SKIP WILLIAMS,SERV MGR
Contact Organization Name: CAPITOL CHEVROLET
Contact Mailing Address1: Not reported
Contact Mailing Address2: Not reported
Contact Mailing City/State/Zip: Not reported
Contact Telephone: 5124766641
Facility Contact Address Deliverable: Not reported
Contact Fax Number: Not reported
Contact Email Address: Not reported
Signature Date On Earliest Reg Form: 04/14/1986
Signature Name/Title On Earliest Reg Form: SKIP WILLIAMS,SERV MGR
Application Received Date On Earliest Reg Form: 05/08/1986
Signature Role On Earliest Reg Form: Not reported
Signature Company On Earliest Reg Form: Not reported
Enforcement Action: Not reported
Facility Not Inspectable: No

Owner:

Owner CN: CN600246029
Owner Last Name: CAPITOL CHEVROLET INC
Owner First Name: Not reported
Owner Middle Name: Not reported
Owner Type: CO
Contact Mailing Address (Delivery): Not reported
Contact Mailing Address (Internal Delivery): Not reported
Contact Mailing City: Not reported
Contact Mailing State: Not reported
Contact Mailing Zip: Not reported
Contact Mailing Zip5: Not reported
Contact Phone Number/Ext: /
Contact Fax Country Code: Not reported
Contact Fax Number/Ext: /
Contact Email Address: Not reported
Contact Address Deliverable: Not reported
Princ ID: 68479132001288
Additional ID: 20403372003094
AI Number: 25102
Owner Effective Begin Date: 10/07/1986
State Tax ID: 17410470334
Contact Role: Not reported
Contact Name/Title: /
Contact Organization Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank:
 Install Date: 01/01/1952
 Tank Registration Date: 05/08/1986
 Number of Compartments: 1
 Tank Capacity: Not reported
 Tank Singlewall: N
 Tank Doublewall: N
 Pipe Type: Not reported
 UST ID: 64599
 Facility ID: 61787
 Ai Number: 25102
 Tank Id: 1
 Tank Status (Current): REMOVED FROM GROUND
 Tank Status Date: 01/16/1990
 Empty: N
 Tank Regulatory Status: FULLY REGULATED
 Tank Int Prot (Internal Tank Lining Date): Not reported
 Piping Design (Single Wall): N
 Piping Design (Double Wall): N
 Tank Ext Cont(Fac-Built Nonmetallic Jacket): N
 Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Tank Ext Cont(Tank Vault/Rigid Trench Liner): N
 Piping Ext Cont(Fac-Built Nonmetallic Jacket): N
 Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner): N
 Piping Ext Cont(Tank Vault/Rigid Trench Liner): N
 Tank Material (Steel): Y
 Tank Material(Frp(Fiberglass-Reinforced Plastic): N
 Tank Mat(Composite (Steel W/Ext Frp Cladding)): N
 Tank Mat(Concrete): N
 Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)): N
 Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)): N
 Piping Material (Steel): N
 Piping Mat(Frp(Fiberglass Reinforced Plastic): N
 Piping Mat(Concrete): N
 Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)): N
 Piping Mat(Nonmetallic Flex Piping): N
 PipingConnect/Valves(Shear/Impact Valves(Under Disp)): N
 Piping Connect/Valves(Steel Swing-Joints(End Of Piping)): N
 Piping Connect/Valves (Flex Connectors(Ends Of Piping)): N
 Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation): N
 TCPM (ExtDielectricCoat/Laminate/Tape/Wrap): N
 TCPM(Cathodic Prot-FaInstallation): N
 TCPM(Composite Tank(Steel W/Frp Ext Laminate): N
 TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate): N
 TCPM(FRP Tank Or Piping(Noncorrodible)): N
 TCPM(Ext Nonmetallic Jacket): N
 TCPMeth(Unnecessary Per Corrosion Prot Spec): N
 Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap): N
 Piping Corr Prot Method(PCPM) (Cathodic Factory Install): N
 PCPM(Cathodic Prot-Field Install): N
 PCPMethod (FRP Tank Or Piping(Noncorrodible): N
 PCPM(Nonmetallic FlexPiping (Noncorrodible)): N
 PCPMeth(Isolated Open Area/2nd Containment): N
 PCPM (Dual Protected): N
 PCPM(Unnec Per Corrosion Prot Specialist): N
 Tank Corr Prot Compliance Flag: N
 Piping Corr Prot Compliance Flag: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank Corrosion Prot Variance: N
 Piping Corrosion Prot Variance: N
 Temp Out Of Service Compliance: N
 Technical Compliance Flag: N
 Tank Tested Flag: Y
 Installation Signature Date: 10/09/1990

Compartment Records:

Tank ID: 1
 Tank Capacity: 0
 UST Comprt ID: 76778
 UST ID: 64599
 AI Number: 25102
 Compartment ID: A
 Substance Stored1: USED OIL
 Substance Stored2: Not reported
 Substance Stored3: Not reported
 CompartmentReleaseDetectionMethod(Vapor): N
 CRDM(GW Monitoring): N
 CRDM(Monitoring Of Secondary Cont Barrier): N
 CRDM(Auto Tank Gauge Test/Inv Control): N
 CRDM(Interstitial Monitoring SecWall/Jacket): N
 CRDM(Wkly Manual Gauging(Tanks<=1000 G): N
 CRDM(Mthly Tank Gauging(Emer Gen Tanks): N
 CRDM(Sir (Stat Inv Reconciliation)/Inv Control): N
 PipingReleaseDetectionMethod(PRDM)(Vapor): N
 PRDM(Groundwater Monitoring): N
 PRDM(Monitoring Sec Containment Barrier): N
 PRDM(InterstitialMonitoring w/in SecWall/Jacket): N
 PRDM(Mthly Piping Tightness Test)@.2Gph: N
 PRDM(AnnualPipingTightTest/ElecMon@.1Gph: N
 PRDM(TriennialTightTest(Suction/GravityPiping): N
 PRDM AutoLineLeakDet(3.0 Gph PressPiping): N
 PRDM(Sir(StatInv Recon)/Inv Control)): N
 PRDM(Exempt System Suction): N
 Spill Overfill Prevention Equip(SOPE): N
 SOPE(Spill Cont/Bucket/Sump): N
 SOPE(DelShut-Off Valve): N
 SOPE(FlowRestrictorValue: N
 SOPE(Alarm (Set@<=90%) W/3a Or 3b: N
 SOPE(N/A Deliveries To Tank<=25G): N
 Compartment Release Det Compliance Flag: N
 Piping Release Detection Compliance Flag): N
 Spill/OverfillPreventionCompliance Flag: N
 Compartment Release Detection Variance: N
 Piping Release Detection Variance: N
 Spill And Overfill Prevention Variance: N
 Stage I Vapor Recovery: Not reported
 Stage 1 Installation Date: Not reported

Install Date: 01/01/1952
 Tank Registration Date: 05/08/1986
 Number of Compartments: 1
 Tank Capacity: 40
 Tank Singlewall: N
 Tank Doublewall: N
 Pipe Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

UST ID:	169258
Facility ID:	61787
Ai Number:	25102
Tank Id:	9
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank Capacity:	40
UST Comprt ID:	77447
UST ID:	169258
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	500
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	64601
Facility ID:	61787
AI Number:	25102
Tank Id:	3
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/16/1990
Empty:	N
Tank Regulatory Status:	FULLY REGULATED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	N
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	10/09/1990
Compartment Records:	
Tank ID:	3
Tank Capacity:	500
UST Comprt ID:	76780
UST ID:	64601
AI Number:	25102
Compartment ID:	A
Substance Stored1:	USED OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169254
Facility ID:	61787
Ai Number:	25102
Tank Id:	4
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	4
Tank Capacity:	40
UST Comprt ID:	76781
UST ID:	169254
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169259
Facility ID:	61787
Ai Number:	25102
Tank Id:	8
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	8
Tank Capacity:	40
UST Comprt ID:	77448
UST ID:	169259
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169260
Facility ID:	61787
Ai Number:	25102
Tank Id:	7
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	7
Tank Capacity:	40
UST Comprt ID:	77449
UST ID:	169260
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169261
Facility ID:	61787
Ai Number:	25102
Tank Id:	6
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	6
Tank Capacity:	40
UST Comprt ID:	77450
UST ID:	169261
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169262
Facility ID:	61787
Ai Number:	25102
Tank Id:	5
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Corrosion Prot Variance: N
 Temp Out Of Service Compliance: N
 Technical Compliance Flag: N
 Tank Tested Flag: N
 Installation Signature Date: Not reported

Compartment Records:

Tank ID: 5
 Tank Capacity: 40
 UST Comprt ID: 77451
 UST ID: 169262
 AI Number: 25102
 Compartment ID: A
 Substance Stored1: HYDRAULIC LIFT OIL
 Substance Stored2: Not reported
 Substance Stored3: Not reported
 CompartmentReleaseDetectionMethod(Vapor): N
 CRDM(GW Monitoring): N
 CRDM(Monitoring Of Secondary Cont Barrier): N
 CRDM(Auto Tank Gauge Test/Inv Control): N
 CRDM(Interstitial Monitoring SecWall/Jacket): N
 CRDM(Wkly Manual Gauging(Tanks<=1000 G): N
 CRDM(Mthly Tank Gauging(Emer Gen Tanks): N
 CRDM(Sir (Stat Inv Reconciliation)/Inv Control): N
 PipingReleaseDetectionMethod(PRDM)(Vapor): N
 PRDM(Groundwater Monitoring): N
 PRDM(Monitoring Sec Containment Barrier): N
 PRDM(InterstitialMonitoring w/in SecWall/Jacket): N
 PRDM(Mthly Piping Tightness Test)@.2Gph: N
 PRDM(AnnualPipingTightTest/ElecMon@.1Gph: N
 PRDM(TriennialTightTest(Suction/GravityPiping): N
 PRDM AutoLineLeakDet(3.0 Gph PressPiping): N
 PRDM(Sir(StatInv Recon)/Inv Control)): N
 PRDM(Exempt System Suction): N
 Spill Overfill Prevention Equip(SOPE): N
 SOPE(Spill Cont/Bucket/Sump): N
 SOPE(DelShut-Off Valve): N
 SOPE(FlowRestrictorValue: N
 SOPE(Alarm (Set@<=90%) W/3a Or 3b: N
 SOPE(N/A Deliveries To Tank<=25G): N
 Compartment Release Det Compliance Flag: N
 Piping Release Detection Compliance Flag): N
 Spill/OverfillPreventionCompliance Flag: N
 Compartment Release Detection Variance: N
 Piping Release Detection Variance: N
 Spill And Overfill Prevention Variance: N
 Stage I Vapor Recovery: Not reported
 Stage 1 Installation Date: Not reported

Install Date: 01/01/1952
 Tank Registration Date: 05/08/1986
 Number of Compartments: 1
 Tank Capacity: 40
 Tank Singlewall: N
 Tank Doublewall: N
 Pipe Type: Not reported
 UST ID: 169263

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Facility ID:	61787
Ai Number:	25102
Tank Id:	28
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	28
Tank Capacity:	40

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

UST Comprt ID:	77452
UST ID:	169263
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169264
Facility ID:	61787
AI Number:	25102
Tank Id:	27
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	27
Tank Capacity:	40
UST Comprt ID:	77453
UST ID:	169264
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169265
Facility ID:	61787
Ai Number:	25102
Tank Id:	26
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	26
Tank Capacity:	40
UST Comprt ID:	77454
UST ID:	169265
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169266
Facility ID:	61787
Ai Number:	25102
Tank Id:	25
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	25
Tank Capacity:	40
UST Comprt ID:	77455
UST ID:	169266
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169267
Facility ID:	61787
Ai Number:	25102
Tank Id:	24
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	24
Tank Capacity:	40
UST Comprt ID:	77456
UST ID:	169267
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169268
Facility ID:	61787
Ai Number:	25102
Tank Id:	23
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	23
Tank Capacity:	40
UST Comprt ID:	77457
UST ID:	169268
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169269
Facility ID:	61787
Ai Number:	25102
Tank Id:	22
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	22
Tank Capacity:	40
UST Comprt ID:	77458
UST ID:	169269
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169270

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Facility ID:	61787
Ai Number:	25102
Tank Id:	21
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	21
Tank Capacity:	40

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

UST Comprt ID:	77459
UST ID:	169270
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169271
Facility ID:	61787
AI Number:	25102
Tank Id:	20
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	20
Tank Capacity:	40
UST Comprt ID:	77460
UST ID:	169271
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169272
Facility ID:	61787
Ai Number:	25102
Tank Id:	19
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	19
Tank Capacity:	40
UST Comprt ID:	77461
UST ID:	169272
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test) @.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169273
Facility ID:	61787
Ai Number:	25102
Tank Id:	18
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	18
Tank Capacity:	40
UST Comprt ID:	77462
UST ID:	169273
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169274
Facility ID:	61787
Ai Number:	25102
Tank Id:	17
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	17
Tank Capacity:	40
UST Comprt ID:	77463
UST ID:	169274
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169275
Facility ID:	61787
Ai Number:	25102
Tank Id:	16
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	16
Tank Capacity:	40
UST Comprt ID:	77464
UST ID:	169275
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169276
Facility ID:	61787
Ai Number:	25102
Tank Id:	13
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	13
Tank Capacity:	40
UST Comprt ID:	77465
UST ID:	169276
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169277

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Facility ID:	61787
Ai Number:	25102
Tank Id:	15
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	15
Tank Capacity:	40

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

UST Comprt ID:	77466
UST ID:	169277
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169278
Facility ID:	61787
AI Number:	25102
Tank Id:	14
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	14
Tank Capacity:	40
UST Comprt ID:	77467
UST ID:	169278
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169255
Facility ID:	61787
Ai Number:	25102
Tank Id:	12
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	12
Tank Capacity:	40
UST Comprt ID:	77444
UST ID:	169255
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test) @.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage 1 Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169256
Facility ID:	61787
Ai Number:	25102
Tank Id:	11
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FaInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	11
Tank Capacity:	40
UST Comprt ID:	77445
UST ID:	169256
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PRDM(Exempt System Suction):	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	40
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	169257
Facility ID:	61787
Ai Number:	25102
Tank Id:	10
Tank Status (Current):	IN USE
Tank Status Date:	01/01/1952
Empty:	N
Tank Regulatory Status:	EXEMPT
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N
PCPM(Cathodic Prot-Field Install):	N
PCPMeth (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	N
Installation Signature Date:	Not reported
Compartment Records:	
Tank ID:	10
Tank Capacity:	40
UST Comprt ID:	77446
UST ID:	169257
AI Number:	25102
Compartment ID:	A
Substance Stored1:	HYDRAULIC LIFT OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve)):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported
Install Date:	01/01/1952
Tank Registration Date:	05/08/1986
Number of Compartments:	1
Tank Capacity:	Not reported
Tank Singlewall:	N
Tank Doublewall:	N
Pipe Type:	Not reported
UST ID:	64600
Facility ID:	61787
Ai Number:	25102
Tank Id:	2
Tank Status (Current):	REMOVED FROM GROUND
Tank Status Date:	01/16/1990
Empty:	N
Tank Regulatory Status:	FULLY REGULATED
Tank Int Prot (Internal Tank Lining Date):	Not reported
Piping Design (Single Wall):	N
Piping Design (Double Wall):	N
Tank Ext Cont(Fac-Built Nonmetallic Jacket):	N
Tank Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Tank Ext Cont(Tank Vault/Rigid Trench Liner):	N
Piping Ext Cont(Fac-Built Nonmetallic Jacket):	N
Piping Ext Cont(Syn Tank-Pit/Piping-Trench Liner):	N
Piping Ext Cont(Tank Vault/Rigid Trench Liner):	N
Tank Material (Steel):	Y
Tank Material(Frp(Fiberglass-Reinforced Plastic):	N
Tank Mat(Composite (Steel W/Ext Frp Cladding)):	N
Tank Mat(Concrete):	N
Tank Mat(Jacketed (Steel W/Ext Nonmetallic Jck)):	N
Tank Mat(Coated(Steel W/ExtPolyurethane Cladding)):	N
Piping Material (Steel):	N
Piping Mat(Frp(Fiberglass Reinforced Plastic):	N
Piping Mat(Concrete):	N
Piping Mat(Jacketed(Steel W/Ext Nonmetallic Jacket)):	N
Piping Mat(Nonmetallic Flex Piping):	N
PipingConnect/Valves(Shear/Impact Valves(Under Disp)):	N
Piping Connect/Valves(Steel Swing-Joints(End Of Piping)):	N
Piping Connect/Valves (Flex Connectors(Ends Of Piping)):	N
Tank Corr Prot Meth(TCPM)(Cathodic-Field Installation):	N
TCPM (ExtDielectricCoat/Laminate/Tape/Wrap):	N
TCPM(Cathodic Prot-FacInstallation):	N
TCPM(Composite Tank(Steel W/Frp Ext Laminate):	N
TCPMeth(Coated Tank(Steel W/ExtPolyurethaneLaminate):	N
TCPM(FRP Tank Or Piping(Noncorrodible)):	N
TCPM(Ext Nonmetallic Jacket):	N
TCPMeth(Unnecessary Per Corrosion Prot Spec):	N
Piping Corr Prot Meth(Dielectric Coat/Laminate/Tape/Wrap):	N
Piping Corr Prot Method(PCPM) (Cathodic Factory Install):	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

PCPM(Cathodic Prot-Field Install):	N
PCPMethod (FRP Tank Or Piping(Noncorrodible):	N
PCPM(Nonmetallic FlexPiping (Noncorrodible)):	N
PCPMeth(Isolated Open Area/2nd Containment):	N
PCPM (Dual Protected):	N
PCPM(Unnec Per Corrosion Prot Specialist):	N
Tank Corr Prot Compliance Flag:	N
Piping Corr Prot Compliance Flag:	N
Tank Corrosion Prot Variance:	N
Piping Corrosion Prot Variance:	N
Temp Out Of Service Compliance:	N
Technical Compliance Flag:	N
Tank Tested Flag:	Y
Installation Signature Date:	10/09/1990
Compartment Records:	
Tank ID:	2
Tank Capacity:	0
UST Comprt ID:	76779
UST ID:	64600
AI Number:	25102
Compartment ID:	A
Substance Stored1:	USED OIL
Substance Stored2:	Not reported
Substance Stored3:	Not reported
CompartmentReleaseDetectionMethod(Vapor):	N
CRDM(GW Monitoring):	N
CRDM(Monitoring Of Secondary Cont Barrier):	N
CRDM(Auto Tank Gauge Test/Inv Control):	N
CRDM(Interstitial Monitoring SecWall/Jacket):	N
CRDM(Wkly Manual Gauging(Tanks<=1000 G):	N
CRDM(Mthly Tank Gauging(Emer Gen Tanks):	N
CRDM(Sir (Stat Inv Reconciliation)/Inv Control):	N
PipingReleaseDetectionMethod(PRDM)(Vapor):	N
PRDM(Groundwater Monitoring):	N
PRDM(Monitoring Sec Containment Barrier):	N
PRDM(InterstitialMonitoring w/in SecWall/Jacket):	N
PRDM(Mthly Piping Tightness Test)@.2Gph:	N
PRDM(AnnualPipingTightTest/ElecMon@.1Gph:	N
PRDM(TriennialTightTest(Suction/GravityPiping):	N
PRDM AutoLineLeakDet(3.0 Gph PressPiping):	N
PRDM(Sir(StatInv Recon)/Inv Control)):	N
PRDM(Exempt System Suction:	N
Spill Overfill Prevention Equip(SOPE):	N
SOPE(Spill Cont/Bucket/Sump):	N
SOPE(DelShut-Off Valve):	N
SOPE(FlowRestrictorValue:	N
SOPE(Alarm (Set@<=90%) W/3a Or 3b:	N
SOPE(N/A Deliveries To Tank<=25G):	N
Compartment Release Det Compliance Flag:	N
Piping Release Detection Compliance Flag):	N
Spill/OverfillPreventionCompliance Flag:	N
Compartment Release Detection Variance:	N
Piping Release Detection Variance:	N
Spill And Overfill Prevention Variance:	N
Stage I Vapor Recovery:	Not reported
Stage 1 Installation Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Facility Billing Contacts:

Contact Organization Name:	CAPITOL CHEVROLET INC
Contact Mailing Address (Delivery):	PO BOX 1988
Contact Mailing Address (Internal Delivery):	Not reported
Contact Mailing City/State/Zip:	AUSTIN, TX 78767 1988
Phone Number/Ext:	/
Contact Fax Number/Ext:	/
Contact Email Address:	Not reported
Contact Address Deliverable:	Y
Facility ID:	61787
Additional ID:	20403372003094
Princ ID:	68479132001288
AI Number:	25102
Facility Name:	CAPITOL CHEVROLET
AR Number:	Not reported
AR UST Number Suffix:	Not reported
AR AST Number Suffix:	Not reported
Contact Name/Title:	KEVIN JOHNSON/

Ind. Haz Waste:

Registration Number:	66177
Registration Initial Notification Date:	07/16/1984
Registration Last Amendment Date:	01/27/2001
EPA Identification:	TXD008944928
Primary NAICS Code:	441110
Status Change Date:	19840716
Land Type:	PRIVATE
Description of Facility Site Location:	501 N Lamar Blvd, Austin, TX
Site Primary Standard Industrial Code:	Not reported
Site Primary SIC Description:	Not reported
Registration is Generator of Waste:	Yes
Registration is Receivers of Waste:	No
Registration is Transporter of Waste:	No
Registration is Transfer Facility:	No
Facility is STEERS Reporter:	No
Required to Submit Annual Waste Summary:	No
Facility Involved In Recycling:	No
Revcr Has Monthly Reporting Requirement:	0
Mexican Facility:	Not reported
Type of Generator:	NON INDUS, SQG
TNRCC Region:	Not reported
Company Name:	CAPITOL CHEVROLET INC
Contact Name:	SKIP WILLIAMS
Contact Telephone Number:	512-4766641
Mailing Address:	PO BOX 1988
Mailing Address2:	Not reported
Mailing City, St, Zip:	AUSTIN, TX 787671988
Mailing County:	UNITED STATES
Facility Country:	UNITED STATES
TNRCC Facility ID:	21475
Site Owner Tax ID:	741047033
Site Location Latitude:	-00.000
Site Location Longitude:	-000.000
Last Update to NOR Data:	20030925
Ind. waste permit Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Mun waste permit Number: Not reported
Non Notifier: No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address: PO BOX 1988
Owner Mailing Address2: Not reported
Owner Mailing Address3: Not reported
Owner City,St,Zip: AUSTIN, TX 78767 1988
Owner Country: UNITED STA
Owner Phone Number: 1-512-4766641
Owner Fax Number: Not reported
Owner Email Address: Not reported
Owner Business Type: Corporation
Owner Tax Id: 17410470334
Owner Bankruptcy Code: Not reported

Operator:

Operator Last Name: CAPITOL CHEVROLET INC
Operator First Name: Not reported
Operator Name: CAPITOL CHEVROLET INC
Operator Mailing Address: PO BOX 1988
Operator Mailing Address 2: Not reported
Operator Mailing City,St,Zip: AUSTIN, TX 78767 1988
Operator Country: UNITED STA
Operator Phone: 1-512-4766641
Operator Fax: Not reported
Operator Email: Not reported
Operator Business Type: Corporation
Operator Tax Id: 17410470334
Operator Bankruptcy Code: Not reported

Contact:

Contact Name: Not reported
Contact Title: Not reported
Contact Role: OPRCON
Contact Address: PO BOX 1988
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78767 1988
Contact Phone: 1-512-4766641
Contact Fax: Not reported
Contact Email: Not reported

Contact:

Contact Name: SKIP WILLIAMS
Contact Title: ENVIRONMENTAL MANAGER
Contact Role: PRICONT
Contact Address: PO BOX 1988
Contact Address2: Not reported
Contact City,St,Zip: AUSTIN, TX 78767 1988
Contact Phone: 1-512-4766641
Contact Fax: Not reported
Contact Email: Not reported

Contact:

Contact Name: Not reported
Contact Title: Not reported
Contact Role: OWNCON
Contact Address: PO BOX 1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Contact Address2: Not reported
Conact City,St,Zip: AUSTIN, TX 78767 1988
Contact Phone: 1-512-4766641
Contact Fax: Not reported
Contact Email: Not reported

Unit Records Not Found for this RegNo/Year:

One Time Shipper Records Not Found for this RegNo/Year:

Receiver Type: Not reported
Transporter for hire: 0
Transport own waste: 0
Eq 01, if transport waste type = 1: Not reported
Eq 02, if transport waste type = 2: Not reported
Eq 03, if transport waste type = 3: Not reported
Eq 04, if transport waste type = H: Not reported
Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste:

Waste ID: 92522
Waste Description: Ethylene glycol antifreeze
Desc of Waste: Not reported
Texas Waste Code: Not reported
Texas Waste Code 2: 00062961
Waste Code Status: INACTIVE
Waste Form: Not reported
Waste Classification: 1
Waste is Radioactive: No
Waste Treated Off Site: Not reported
Standard Industrial Classification: Not reported
Primary Source: Not reported
Primary Measurement Point: Not reported
Primary Origin: Not reported
Primary System Type: Not reported
New Chemical Substance: 0
Audit Performed: No
Company Waste ID: Waste antifreeze coolant
Primary NAICS Code: Not reported
EPA Waste Form Code: Not reported
Reason Waste Form No Longer Gen.: UNKNOWN
EPA Haz Waste: Not reported

Waste:

Waste ID: 92521
Waste Description: Waste oil
Desc of Waste: Not reported
Texas Waste Code: Not reported
Texas Waste Code 2: 00052061
Waste Code Status: INACTIVE
Waste Form: Not reported
Waste Classification: 1
Waste is Radioactive: No
Waste Treated Off Site: Not reported
Standard Industrial Classification: Not reported
Primary Source: Not reported
Primary Measurement Point: Not reported
Primary Origin: Not reported
Primary System Type: Not reported
New Chemical Substance: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Audit Performed: No
Company Waste ID: Waste oil
Primary NAICS Code: Not reported
EPA Waste Form Code: Not reported
Reason Waste Form No Longer Gen.: UNKNOWN
EPA Haz Waste: Not reported

Waste:

Waste ID: 92520
Waste Description: Liquid cleaning compound containing monoethanolamine.
Desc of Waste: Not reported
Texas Waste Code: Not reported
Texas Waste Code 2: 0004101H
Waste Code Status: INACTIVE
Waste Form: Not reported
Waste Classification: H
Waste is Radioactive: No
Waste Treated Off Site: Not reported
Standard Industrial Classification: Not reported
Primary Source: Not reported
Primary Measurement Point: Not reported
Primary Origin: Not reported
Primary System Type: Not reported
New Chemical Substance: 0
Audit Performed: No
Company Waste ID: Waste cleaning solution
Primary NAICS Code: 441110
EPA Waste Form Code: W101
Reason Waste Form No Longer Gen.: UNKNOWN
EPA Haz Waste: Not reported

Waste:

Waste ID: 138863
Waste Description: SPENT SOLVENT
Desc of Waste: Not reported
Texas Waste Code: Not reported
Texas Waste Code 2: 0501203H
Waste Code Status: INACTIVE
Waste Form: Not reported
Waste Classification: H
Waste is Radioactive: No
Waste Treated Off Site: 1
Standard Industrial Classification: Not reported
Primary Source: Not reported
Primary Measurement Point: Not reported
Primary Origin: Not reported
Primary System Type: Not reported
New Chemical Substance: 0
Audit Performed: No
Company Waste ID: 6169012027
Primary NAICS Code: 811111
EPA Waste Form Code: W203
Reason Waste Form No Longer Gen.: UNKNOWN
EPA Haz Waste: Not reported

Waste:

Waste ID: 123754
Waste Description: Liquid cleaning compound containing monoethanolamine.
Desc of Waste: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL CHEVROLET (Continued)

U001259227

Texas Waste Code: Not reported
 Texas Waste Code 2: 0566203H
 Waste Code Status: INACTIVE
 Waste Form: Not reported
 Waste Classification: H
 Waste is Radioactive: No
 Waste Treated Off Site: Not reported
 Standard Industrial Classification: Not reported
 Primary Source: Not reported
 Primary Measurement Point: Not reported
 Primary Origin: Not reported
 Primary System Type: Not reported
 New Chemical Substance: 0
 Audit Performed: No
 Company Waste ID: Not reported
 Primary NAICS Code: 441110
 EPA Waste Form Code: W203
 Reason Waste Form No Longer Gen.: UNKNOWN
 EPA Haz Waste: Not reported

34
East
1/4-1/2
0.484 mi.
2556 ft.

SEAHOLM DISTRICT UPRR
NO ADDRESS RAILROAD RIGHT OF WAY AND POWER PLANT SOUTH SIDE
AUSTIN, TX 78701

BROWNFIELDS **S105589923**
N/A

Relative:
Lower
Actual:
457 ft.

BROWNFIELDS:
 BF Site Assessment Received: 04/11/2002
 PCA number: 78221
 BF Grant Number: G059
 Facility Type: Power Plant
 Lead Type: Purchaser
 Project manager: KLIVINGS
 Phase: COMPLETED
 Lat/Long: 30.163000 / -97.451000
 Lat/Long (deg): 30.163000 / -97.451000
 Acres: 4.8
 TCEQ Region: 11
 Facility Type: BSA
 Contaminant Categories: Not reported
 Media Affected: Not reported
 Applicant: City of Austin
 Applicant Title: Brownfields Project Officer
 Applicant Address: P.O. Box 1088
 Applicant City,St,Zip: Austin, TX 78767-1088
 Applicant Phone: 512-974-1954
 Applicant Fax: 512-974-3360
 Consultant Attorney: Not reported
 Consultant Atty Name: Not reported
 Consultant Atty Title: Not reported
 Consultant Atty Addr: Not reported
 Consultant Atty City,St,Zip: Not reported
 Consultant Atty Phone: Not reported
 Consultant Atty Fax: Not reported
 SW Number: Not reported
 LPST Number: Not reported
 EPA TX id/registration: Not reported
 Risk Reduction Rules: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEAHOLM DISTRICT UPRR (Continued)

S105589923

Risk Reduction Standard: Not reported
TRRP Tier: Not reported
Certificate Issued: Not reported
Conditional Or Final Certificate: Not reported
Institutional Controls: Not reported
Type Remedy: Not reported
Status Date: 08/31/2002

**I35
East
1/4-1/2
0.491 mi.
2590 ft.**

**SAFEWAY RENTAL TRACT
311 BOWIE ST.
AUSTIN, TX 78703**

**VCP S105049611
N/A**

Site 1 of 2 in cluster I

**Relative:
Lower
Actual:
466 ft.**

VCP TCEQ:
Region: 11
Facility ID: 1266
Facility Type: Commercial Equipment Rental
VCP Received: 10/05/2000
PCA Number: 33366
Project Number: Rainey
Type Lead: Leased
Phase: Terminated
Lat/Long: 30-16-08. / 97-45-12
Lat/Long (DD): Not reported
Acres at Site: 0.012
Contaminant Categories: Lead, BTEX
Media Affected: Soils
Applicant: Sprint Spectrum, LP
Applicant Contact Title: Property Specialist
Applicant Address: 1341 West Mockingbird Lane, Suite 600E
Applicant City,St,Zip: Dallas, TX 75247
Applicant Phone: 214-525-4061
Applicant Fax: 214-525-4134
Consultant/Attorney: Drasch Consulting Engineers
Consultant/Attorney Name: Joe Lambert
Consultant/Attorney Contact Title: Senior Project Manager
Consultant/Attorney Address: 4926 Research Drive
Consultant/Attorney City,St,Zip: San Antonio, TX 78240
Consultant/Attorney Phone: 210-641-2112
Consultant/Attorney Fax: 210-641-2124
TNRCC Solid Waste Registration: Not reported
EPA Texas ID/CERCLIS Registration: Not reported
EPA Registration: Not reported
Application Signed By Applicant: 10/25/2000
Standards: B
TX Risk Reduction Prgm: 1
Institutional Controls: Not reported
Certificate of Completion: Not reported
Remedy Type: Not reported
Risk Reduction or Petroleum Storage Tank: TRRP
Leaking Petroleum Storage Registration Tank: 095392
Cashier Recvd: 10/10/2000
App Accepted?: Y
Date Accepted: 10/25/2000
Region?: Y
Alt VCP Id: Not reported
Project No.: 333660

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFWAY RENTAL TRACT (Continued)

S105049611

Contaminants Identified: Not reported
OffSite?: Not reported
Billing Company: Sprint Spectrum, LP
Billing c/o Name: Kristen Bryant
Billing Address1: 1341 West Mockingbird Lane
Billing Address2: Suite 600E
Billing City: Dallas
Billing State: TX
Billing Zip: 75247
Billing Phone: 214-525-4061
IOP No.: Not reported
Region COC?: Not reported
Region R/W?: Y
Survey?: Not reported
Comments: Not reported
Media: F
File Location: CR

Region: 11
Facility ID: 2409
Facility Type: Equipment Rental
VCP Received: 05/18/2011
PCA Number: 34602
Project Number: Ekpo-Otu
Type Lead: Operator
Phase: Completed
Lat/Long: Not reported
Lat/Long (DD): 30.16900 / -97.45110
Acres at Site: 0.7359
Contaminant Categories: Heavy Metals
Media Affected: Soil
Applicant: Bowie Street Partners, Ltd
Applicant Contact Title: President
Applicant Address: 504 Lavaca Street, Suite 1160
Applicant City,St,Zip: Austin, TX 78701
Applicant Phone: 512-495-9190
Applicant Fax: 512-469-9846
Consultant/Attorney: Terracon Consultants, Inc.
Consultant/Attorney Name: Kevin Denson, P.G.
Consultant/Attorney Contact Title: Project Manager
Consultant/Attorney Address: 5907 Industrial Oaks, Ste 160
Consultant/Attorney City,St,Zip: Austin, TX 78735
Consultant/Attorney Phone: 512-442-1122
Consultant/Attorney Fax: 512-442-1181
TNRCC Solid Waste Registration: Not reported
EPA Texas ID/CERCLIS Registration: Not reported
EPA Registration: Not reported
Application Signed By Applicant: 06/17/2011
Standards: A
TX Risk Reduction Prgm: 2
Institutional Controls: Not reported
Certificate of Completion: 03/12/2013
Remedy Type: Not reported
Risk Reduction or Petroleum Storage Tank: TRRP
Leaking Petroleum Storage Registration Tank: 95362
Cashier Recvd: 05/18/2011
App Accepted?: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFeway RENTAL TRACT (Continued)

S105049611

Date Accepted: 06/17/2011
Region?: Y
Alt VCP Id: Not reported
Project No.: 346020
Contaminants Identified: Not reported
OffSite?: Not reported
Billing Company: Bowie Street Partners LTD
Billing c/o Name: Larry Warshaw
Billing Address1: 504 Lavaca Street
Billing Address2: Suite 1160
Billing City: Austin
Billing State: TX
Billing Zip: 78701
Billing Phone: 512-495-9190
IOP No.: Not reported
Region COC?: Not reported
Region R/W?: Not reported
Survey?: Not reported
Comments: Not reported
Media: E
File Location: CR

I36
East
1/4-1/2
0.491 mi.
2590 ft.

SAFeway RENTAL
311 BOWIE ST
AUSTIN, TX 78703
Site 2 of 2 in cluster I

LPST S116703109
ASBESTOS N/A

Relative:
Lower
Actual:
466 ft.

LPST:
Facility ID: Not reported
LPST Id: 95362
Facility Location: Not reported
TCEQ Region# and City: REGION 11 - AUSTIN
Region City: Not reported
Reported Date: 09/11/1990
Entered Date: 05/04/1990
Priority: 4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP
Program: 2 - REGION
CA Status: 6A - FINAL CONCURRENCE ISSUED
Priority Description: Not reported
Status: Not reported
Coordinators Primary: Not reported
Coordinators RPR: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Address: Not reported
Responsible Party City,St,Zip: Not reported
Responsible Party Telephone: Not reported
Reported Date: 04/03/1990
Case Start Date: 04/03/1990

ASBESTOS:
Date of inspection: 04/24/2013
Reason for Inspection: Routine
Violation: No
Complaint Date: Not reported
Notification Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFeway RENTAL (Continued)

S116703109

ASB Priority: Not reported
PIF State: Not reported
Detained: Not reported
Product Name: Not reported
Time Spent: 0.5
Travel Time: 0.1
Mileage: 0.1
Reg: 07
Init: EJ
Seq: 03
Facility Type: Abusable Volatile Chemicals
Inspector Name: Eddie Jackson
Date Report Received: Not reported
Date Routed by Supervisor: Not reported
Date Routed to PSQA: Not reported
Date Reviewed by PSQA: Not reported
Date Routed by Supervisor1: Not reported
Date Rtd to Inspector Corrections: Not reported
Date Rcvd Back: Not reported
Date Rtd to Inspector Corrections2: Not reported
Date Rcvd Back 2: Not reported
Date Rtd to Inspector Corrections 3: Not reported
Date Rcvd Back 3: Not reported
Notification Status: Not reported
Amendo: Not reported
Notification Work Type: Not reported
Notification Type: Not reported
Work Type Flag: Not reported
Certification Statement Date: Not reported
Certification Statement Phone: Not reported
Is The Facility a School or K-12?: Not reported
Region: Not reported
Priority: Not reported
ARU: Not reported
Is this a phased abatement project?: Not reported
Ordered: Not reported
Is This Project an Emergency?: Not reported
Is Building Occupied?: Not reported
High Profile: Not reported
Ref Method: Not reported
Analytical Method: Not reported
Start Date: Not reported

37
East
1/2-1
0.576 mi.
3042 ft.

**AUSTIN WATER LIGHT AND POWER CO
W. 5TH STREET
AUSTIN, TX 78701**

**EDR MGP 1008408363
N/A**

Relative: Manufactured Gas Plants:
Lower No additional information available
Actual:
460 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

38
East
1/2-1
0.967 mi.
5106 ft.

AUSTIN GAS LIGHT CO
100 COLORADO ST (CORNER OF 2ND AND COLORADO)
AUSTIN, TX 78701

EDR MGP 1008408362
N/A

Relative:
Lower
Actual:
471 ft.

Manufactured Gas Plants:

Alternate Name:AUSTIN GAS CO; AUSTIN GAS WORKS. No additional information available

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
AUSTIN	S116697074	29WAT R907222	4TH	78701	LPST
AUSTIN	1003875589	AUSTIN GAS LIGHT CO.	CORNER OF 2ND AND COLORADO	78701	SEMS-ARCHIVE
AUSTIN	S121976939	CITY OF AUSTIN ZILKER PARK	TOWN LAKE & STRATFORD DR & LOU	78704	SWF/LF

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.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	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 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

NPL LIENS: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 214-665-6444
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 214-665-6444
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 214-665-6444
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 214-665-6444
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 02/07/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

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: 02/04/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 28

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

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: 11/08/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 02/12/2019
Number of Days to Update: 47

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5680
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Semi-Annually

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

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: 01/25/2019
Date Data Arrived at EDR: 01/25/2019
Date Made Active in Reports: 03/29/2019
Number of Days to Update: 63

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6706
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

CLI: Closed Landfill Inventory

Closed and abandoned landfills (permitted as well as unauthorized) across the state of Texas. For current information regarding any of the sites included in this database, contact the appropriate Council of Governments agency.

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: N/A
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

DEBRIS: DEBRIS

A listing of temporary debris management sites and MSW landfills for debris resulting from Hurricane Harvey.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 65

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6840
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

H-GAC CLI: Houston-Galveston Closed Landfill Inventory

Closed Landfill Inventory for the Houston-Galveston Area Council Region. In 1993, the Texas Legislature passed House Bill (HB) 2537, which required Councils of Governments (COGs) to develop an inventory of closed municipal solid waste landfills for their regional solid waste management plans.

Date of Government Version: 01/02/2019	Source: Houston-Galveston Area Council
Date Data Arrived at EDR: 01/03/2019	Telephone: 832-681-2518
Date Made Active in Reports: 02/08/2019	Last EDR Contact: 04/04/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

WASTE MGMT: 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: 02/02/2018	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 04/06/2018	Telephone: 512-239-2920
Date Made Active in Reports: 06/13/2018	Last EDR Contact: 04/05/2019
Number of Days to Update: 68	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 04/26/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

LPST: 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: 03/26/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 03/28/2019	Telephone: 512-239-2200
Date Made Active in Reports: 04/11/2019	Last EDR Contact: 03/25/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/25/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/11/2019
Number of Days to Update: 15

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

AST: Petroleum Storage Tank Database
Registered Aboveground Storage Tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/11/2019
Number of Days to Update: 15

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Controls

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

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/07/2018
Number of Days to Update: 26

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5891
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP TCEQ: 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: 10/01/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 38

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5891
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

VCP RRC: 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: 11/20/2018	Source: Railroad Commission of Texas
Date Data Arrived at EDR: 01/03/2019	Telephone: 512-463-6969
Date Made Active in Reports: 02/08/2019	Last EDR Contact: 04/05/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Assessments

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

Date of Government Version: 12/04/2018	Source: TCEQ
Date Data Arrived at EDR: 01/03/2019	Telephone: 512-239-5872
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 04/04/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 03/19/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CAPCOG LI: Capitol Area Landfill Inventory

Permitted and unpermitted landfills for the CAPCOG region. Serving Bastrop, Blanco, Burnet, Caldwell, Fayette, Hays, Lee, Llano, Travis, and Williamson Counties.

Date of Government Version: 01/06/2017	Source: Capital Area Council of Governments
Date Data Arrived at EDR: 01/10/2017	Telephone: 512-916-6000
Date Made Active in Reports: 03/15/2017	Last EDR Contact: 04/05/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

NCTCOG LI: North Central Landfill Inventory

North Central Texas Council of Governments landfill database.

Date of Government Version: 01/03/2019	Source: North Central Texas Council of Governments
Date Data Arrived at EDR: 01/04/2019	Telephone: 817-695-9223
Date Made Active in Reports: 02/08/2019	Last EDR Contact: 04/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

SWRCY: Recycling Facility Listing

A listing of recycling facilities in the state.

Date of Government Version: 02/15/2019	Source: TCEQ
Date Data Arrived at EDR: 02/19/2019	Telephone: 512-239-6700
Date Made Active in Reports: 03/29/2019	Last EDR Contact: 02/07/2019
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/26/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/22/2019
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: No Update Planned

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Site Locations Listing

A listing of former clandestine drug site locations

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/15/2017
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 269

Source: Department of Public Safety
Telephone: 512-424-2144
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

PRIORITY CLEANERS: Dry Cleaner Remediation Program Prioritization List

A listing of dry cleaner related contaminated sites.

Date of Government Version: 02/25/2019
Date Data Arrived at EDR: 03/06/2019
Date Made Active in Reports: 04/11/2019
Number of Days to Update: 36

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5658
Last EDR Contact: 03/06/2019
Next Scheduled EDR Contact: 06/18/2108
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: 11/08/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 02/12/2019
Number of Days to Update: 47

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0666
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Site Location Listing

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 159

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2341
Last EDR Contact: 03/04/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

NON REGIST PST: Petroleum Storage Tank Non Registered

A listing of non-registered petroleum storage tank site locations.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/31/2019
Date Made Active in Reports: 03/29/2019
Number of Days to Update: 57

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2081
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

Local Land Records

HIST LIENS: Environmental Liens Listing

This listing contains information fields that are no longer tracked in the LIENS database.

Date of Government Version: 03/23/2007
Date Data Arrived at EDR: 03/23/2007
Date Made Active in Reports: 05/02/2007
Number of Days to Update: 40

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2209
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 01/02/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/29/2019
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2209
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: Spills Database

Spills reported to the Emergency Response Division.

Date of Government Version: 10/18/2018	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 10/19/2018	Telephone: 512-239-2507
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 04/04/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/23/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 05/15/2005	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 214-665-6444
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

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: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 04/03/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/03/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Every 4 Years

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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2019	Telephone: 202-564-8600
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

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: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 04/10/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/22/2019
	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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/08/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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: 12/31/2018
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

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.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/11/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/31/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

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: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 02/22/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/14/2019	Telephone: 703-603-8787
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US 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: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/21/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (214) 665-2200
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: 202-564-2280
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/09/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

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: 01/16/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/18/2019	Telephone: N/A
Date Made Active in Reports: 03/25/2019	Last EDR Contact: 03/11/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

APAR: Affected Property Assessment Report Site Listing

Listing of Sites That Have Received an APAR (Affected Property Assessment Report)

Date of Government Version: 01/09/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/11/2019	Telephone: 512-239-5872
Date Made Active in Reports: 03/25/2019	Last EDR Contact: 04/05/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

A listing of asbestos notification site locations.

Date of Government Version: 03/05/2019	Source: Department of State Health Services
Date Data Arrived at EDR: 03/07/2019	Telephone: 512-834-6787
Date Made Active in Reports: 04/11/2019	Last EDR Contact: 02/19/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of facilities that use surface impoundments or landfills to dispose of coal ash.

Date of Government Version: 05/02/2018	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 05/07/2018	Telephone: 512-239-6624
Date Made Active in Reports: 06/07/2018	Last EDR Contact: 04/29/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Registration Database Listing

A listing of drycleaning facilities.

Date of Government Version: 02/01/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 02/27/2019	Telephone: 512-239-2160
Date Made Active in Reports: 04/11/2019	Last EDR Contact: 02/27/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

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: 01/25/2019	Source: Texas Commission on Environmental Quality, Austin Region
Date Data Arrived at EDR: 01/25/2019	Telephone: 512-339-2929
Date Made Active in Reports: 03/26/2019	Last EDR Contact: 03/25/2019
Number of Days to Update: 60	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

ENFORCEMENT: Notice of Violations Listing

A listing of permit violations.

Date of Government Version: 01/25/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/29/2019	Telephone: 512-239-6012
Date Made Active in Reports: 03/26/2019	Last EDR Contact: 04/01/2019
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/07/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/10/2019	Telephone: 512-239-6239
Date Made Active in Reports: 03/26/2019	Last EDR Contact: 03/25/2019
Number of Days to Update: 75	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

Financial Assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 03/04/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 03/27/2019	Telephone: 512-239-0986
Date Made Active in Reports: 04/12/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

GCC: Groundwater Contamination Cases

Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities.

The report is required to contain a description of each case of groundwater contamination documented during the previous calendar year. Also to be included, is a description of each case of contamination documented during previous periods for which voluntary clean up action was incomplete at the time the preceding report was issued. The report is also required to indicate the status of enforcement action for each listed case.

Date of Government Version: 12/31/2017	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 08/31/2018	Telephone: 512-239-5690
Date Made Active in Reports: 09/26/2018	Last EDR Contact: 03/01/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: 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: 10/01/2018	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 10/02/2018	Telephone: 512-239-5894
Date Made Active in Reports: 11/08/2018	Last EDR Contact: 03/26/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

LEAD: Lead Inspection Listing

Lead inspection sites

Date of Government Version: 02/19/2019	Source: Department of State Health Services
Date Data Arrived at EDR: 02/22/2019	Telephone: 512-834-6600
Date Made Active in Reports: 03/29/2019	Last EDR Contact: 02/19/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

Ind. Haz Waste: Industrial & Hazardous Waste Database

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

Date of Government Version: 01/04/2019	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 01/16/2019	Telephone: 512-239-0985
Date Made Active in Reports: 03/26/2019	Last EDR Contact: 04/17/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Annually

MSD: Municipal Settings Designations Database

An MSD is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/29/2019
Number of Days to Update: 65

Source: Texas Commission on Environmental Quality
Telephone: 512-239-4982
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

NPDES: NPDES Facility List

Permitted wastewater outfalls.

Date of Government Version: 02/12/2019
Date Data Arrived at EDR: 02/14/2019
Date Made Active in Reports: 03/29/2019
Number of Days to Update: 43

Source: Texas Commission on Environmental Quality
Telephone: 512-239-4591
Last EDR Contact: 02/14/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

RWS: Radioactive Waste Sites

Sites in the State of Texas that have been designated as Radioactive Waste sites.

Date of Government Version: 07/24/2006
Date Data Arrived at EDR: 12/14/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 40

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0859
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Semi-Annually

TIER 2: Tier 2 Chemical Inventory Reports

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/22/2013
Number of Days to Update: 45

Source: Department of State Health Services
Telephone: 512-834-6603
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

UIC: Underground Injection Wells Database Listing

Class V injection wells regulated by the TCEQ. Class V wells are used to inject non-hazardous fluids underground. Most Class V wells are used to dispose of wastes into or above underground sources of drinking water and can pose a threat to ground water quality, if not managed properly.

Date of Government Version: 01/15/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 03/29/2019
Number of Days to Update: 71

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6627
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

IHW CORR ACTION: IHW CORR ACTION

Industrial hazardous waste facilities with corrective actions.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 03/26/2019
Number of Days to Update: 68

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5872
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

PST STAGE 2: PST Stage 2

State II Vapor Recovery. Decommissioning of Stage II Rule a?? Gasoline dispensing facilities (GDFs) may begin the process of removing Stage II equipment on May 16, 2014 providing that all other requirements for decommissioning have been met, including appropriate notification.

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 04/11/2019
Number of Days to Update: 78

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COMP HIST: Compliance History Listing

A listing of compliance histories of regulated entities

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 11/29/2018
Date Made Active in Reports: 02/08/2019
Number of Days to Update: 71

Source: Texas Commission on Environmental Quality
Telephone: 512-239-3282
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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 Hist Auto: EDR Exclusive Historical Auto 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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 Hist Cleaner: EDR Exclusive Historical 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Texas Commission of Environmental Quality in Texas formerly known as Texas Natural Resources Conservation Commission which changed in 2002.

Date of Government Version: N/A	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/26/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 178	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Texas Commission of Environmental Quality in Texas formerly known as Texas Natural Resources Conservation Commission which changed in 2002.

Date of Government Version: N/A	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

TRAVIS COUNTY:

HIST UST AUSTIN: Historic Tank Records

A listing of historic records from the City of Austin.

Date of Government Version: 06/25/2012	Source: Department of Planning & Development Review
Date Data Arrived at EDR: 06/29/2012	Telephone: 512-974-2715
Date Made Active in Reports: 08/23/2012	Last EDR Contact: 03/04/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/17/2019
	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: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 02/12/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
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: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 02/19/2019
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). 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.

Electric Power Transmission Line Data

Source: PennWell Corporation

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Texas General Land Office

Telephone: 512-463-0745

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ZILKER METRO PARK
2022-2098 BARTON SPRINGS RD
AUSTIN, TX 78746

TARGET PROPERTY COORDINATES

Latitude (North): 30.267721 - 30° 16' 3.80"
Longitude (West): 97.773086 - 97° 46' 23.11"
Universal Transverse Mercator: Zone 14
UTM X (Meters): 618021.0
UTM Y (Meters): 3348907.5
Elevation: 514 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5935349 AUSTIN WEST, TX
Version Date: 2013

Northeast Map: 5935347 AUSTIN EAST, TX
Version Date: 2013

Southeast Map: 5934995 MONTOPOLIS, TX
Version Date: 2013

Southwest Map: 5934997 OAK HILL, TX
Version Date: 2013

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).

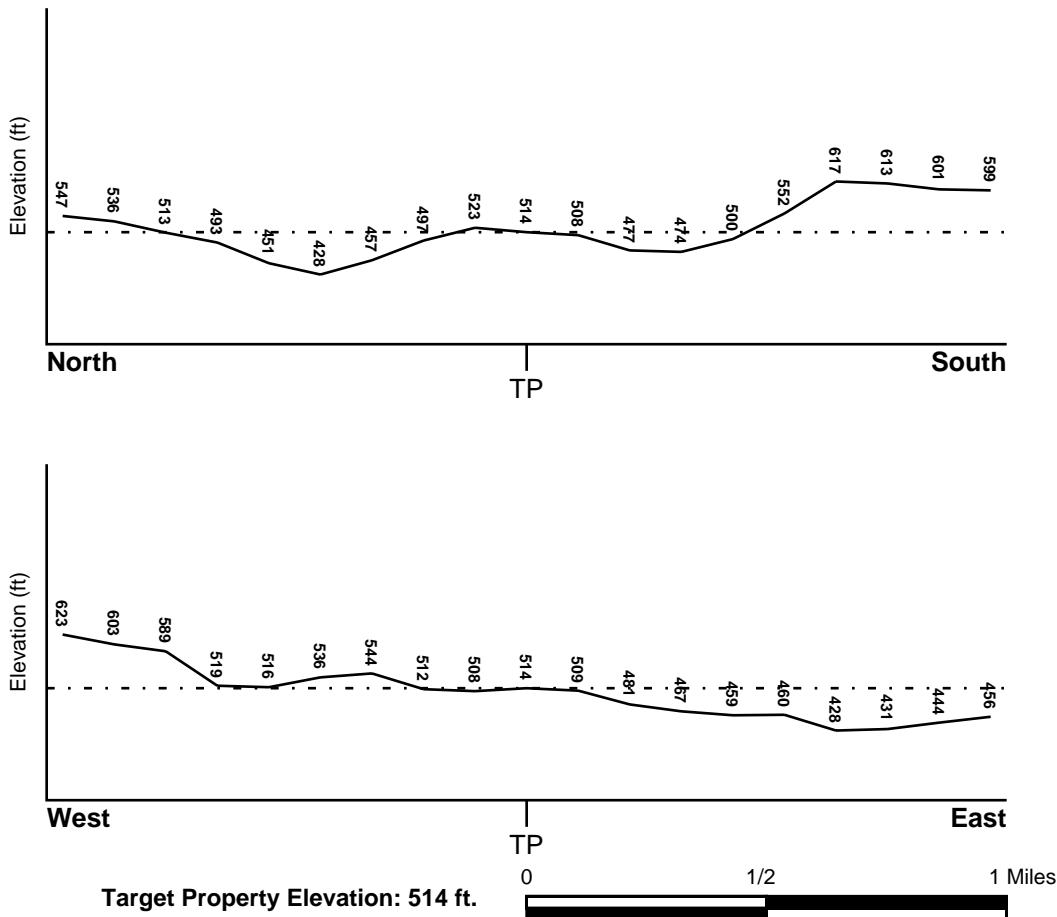
TOPOGRAPHIC INFORMATION

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>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
48453C0445H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

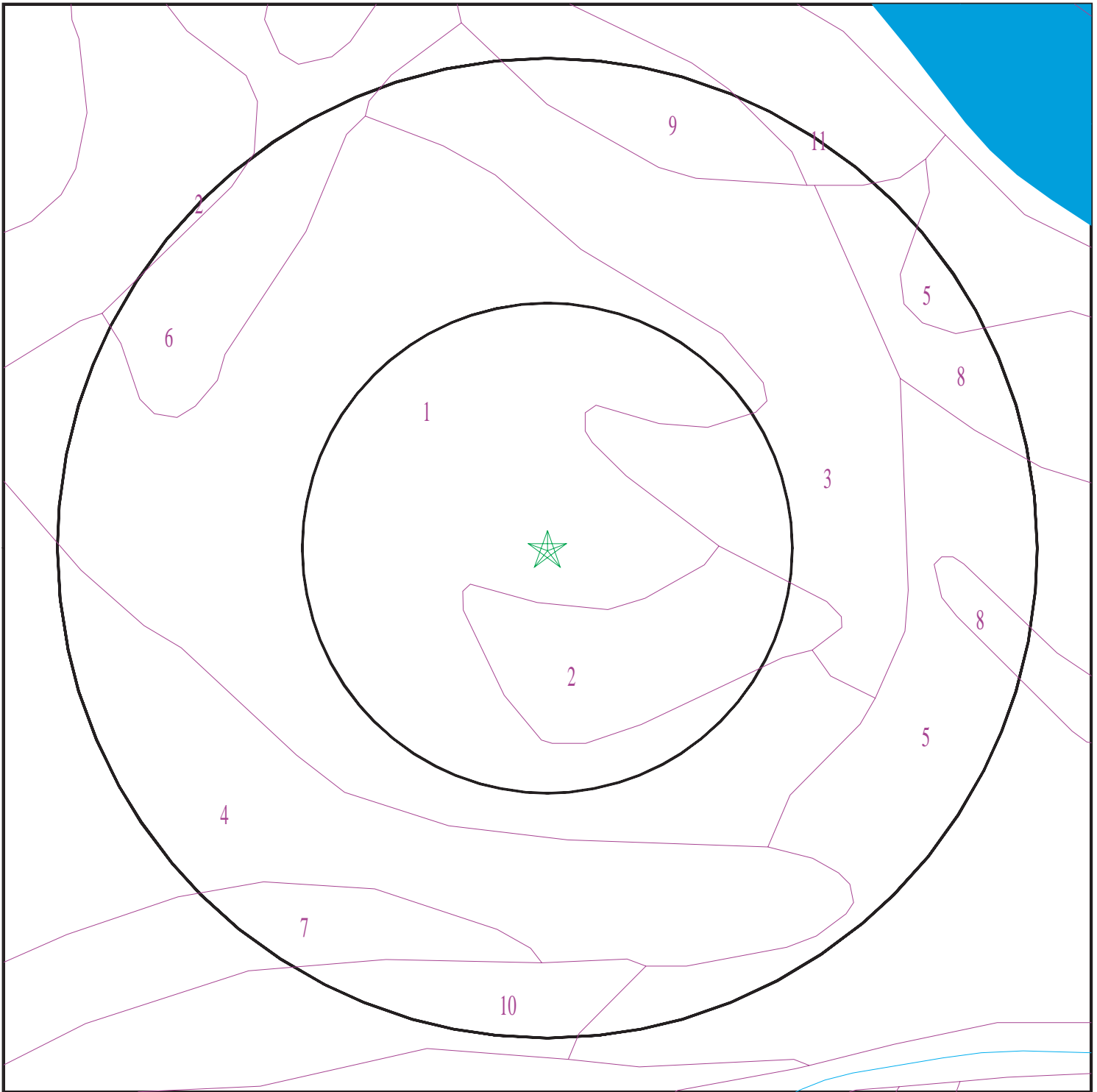
Era: Mesozoic
System: Cretaceous
Series: Austin and Eagle Ford Groups
Code: uK2 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 5637952.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
Austin TX 78746
LAT/LONG: 30.267721 / 97.773086

CLIENT: TRC
CONTACT: Michael Bohmfalk
INQUIRY #: 5637952.2s
DATE: May 01, 2019 9:20 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Tarrant

Soil Surface Texture: very stony 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: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 20 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	very stony clay	Not reported	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 14 Min: 0.42	Max: Min:
2	7 inches	11 inches	bedrock	Not reported	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 14 Min: 0.42	Max: Min:

Soil Map ID: 2

Soil Component Name: Volente

Soil Surface Texture: clay loam

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

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	20 inches	46 inches	silty clay	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
3	46 inches	53 inches	clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture: variable

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:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	40 inches	variable	Not reported	Not reported	Max: 141 Min: 0.42	Max: Min:

Soil Map ID: 4

Soil Component Name: Tarrant

Soil Surface Texture: very stony 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: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 20 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	very stony clay	Not reported	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 14 Min: 0.42	Max: Min:
2	7 inches	11 inches	bedrock	Not reported	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 14 Min: 0.42	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: Hardeman

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	36 inches	fine sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	36 inches	59 inches	silt loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Patrick

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 8.4 Min: 7.9
2	18 inches	72 inches	gravelly loamy sand	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 8.4 Min: 7.9

Soil Map ID: 7

Soil Component Name: Tarrant

Soil Surface Texture: stony 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: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	stony clay	Not reported	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 14 Min: 0.42	Max: Min:
2	7 inches	11 inches	bedrock	Not reported	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 14 Min: 0.42	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 8

Soil Component Name: Bergstrom

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	20 inches	59 inches	silt loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
3	59 inches	79 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 9

Soil Component Name: Travis

Soil Surface Texture: gravelly sandy loam

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

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	gravelly sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6
2	18 inches	50 inches	gravelly sandy clay	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6
3	50 inches	75 inches	gravelly sandy clay loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6

Soil Map ID: 10

Soil Component Name: Altoga

Soil Surface Texture: silty clay

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silty clay	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	5 inches	24 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
3	24 inches	59 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 11

Soil Component Name: Cut and fill land

Soil Surface Texture: silty clay

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

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

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>
E17	USGS40001170104	1/4 - 1/2 Mile SSE
L64	USGS40001170114	1/2 - 1 Mile West
S124	USGS40001170087	1/2 - 1 Mile SSW
V143	USGS40001170149	1/2 - 1 Mile NW
V150	USGS40001170150	1/2 - 1 Mile NW

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	TXMON5000028023	0 - 1/8 Mile SSE
A2	TXMON5000028024	0 - 1/8 Mile SSE
A3	TXMON5000028018	0 - 1/8 Mile SSE
A4	TXMON5000028021	0 - 1/8 Mile SSE
A5	TXPLU5000106455	0 - 1/8 Mile SSE
A6	TXPLU5000106456	0 - 1/8 Mile SSE
A7	TXPLU5000106453	0 - 1/8 Mile SSE
A8	TXPLU5000106454	0 - 1/8 Mile SSE
9	TXPLU5000085179	1/8 - 1/4 Mile NE
10	TXWDB7000091900	1/8 - 1/4 Mile NNW
B11	TXPLU5000086698	1/4 - 1/2 Mile ENE
C12	TXDOL2000154692	1/4 - 1/2 Mile SE
C13	TXMON5000018405	1/4 - 1/2 Mile SE
D14	TXPLU5000086701	1/4 - 1/2 Mile North
C15	TXWDB7000091891	1/4 - 1/2 Mile SE
D16	TXPLU5000085184	1/4 - 1/2 Mile NNE
E18	TXWDB7000091885	1/4 - 1/2 Mile SSE
F19	TXWDB7000091890	1/4 - 1/2 Mile SSW
E20	TXWDB7000091874	1/4 - 1/2 Mile SSE
B21	TXWDB7000091889	1/4 - 1/2 Mile ENE
G22	TXDOL2000154498	1/4 - 1/2 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G23	TXDOL2000154499	1/4 - 1/2 Mile South
G24	TXMON5000027586	1/4 - 1/2 Mile South
G25	TXMON5000027585	1/4 - 1/2 Mile South
G26	TXPLU5000106418	1/4 - 1/2 Mile South
G27	TXPLU5000106417	1/4 - 1/2 Mile South
G28	TXDOL2000154500	1/4 - 1/2 Mile South
G29	TXMON5000027584	1/4 - 1/2 Mile South
G30	TXPLU5000106416	1/4 - 1/2 Mile South
F31	TXDOL2000154501	1/4 - 1/2 Mile South
F32	TXMON5000027583	1/4 - 1/2 Mile South
F33	TXPLU5000106415	1/4 - 1/2 Mile South
H34	TXMON5000076703	1/4 - 1/2 Mile North
H35	TXMON5000076704	1/4 - 1/2 Mile North
H36	TXMON5000076701	1/4 - 1/2 Mile North
H37	TXMON5000076702	1/4 - 1/2 Mile North
H38	TXPLU5000111525	1/4 - 1/2 Mile North
H39	TXPLU5000111526	1/4 - 1/2 Mile North
H40	TXPLU5000111523	1/4 - 1/2 Mile North
H41	TXPLU5000111524	1/4 - 1/2 Mile North
H42	TXDOL2000153710	1/4 - 1/2 Mile North
H43	TXDOL2000153709	1/4 - 1/2 Mile North
H44	TXDOL2000153712	1/4 - 1/2 Mile North
H45	TXDOL2000153711	1/4 - 1/2 Mile North
I46	TXWDB7000091892	1/4 - 1/2 Mile SE
J47	TXMON5000028601	1/4 - 1/2 Mile WNW
J48	TXMON5000029563	1/4 - 1/2 Mile WNW
J49	TXMON5000028600	1/4 - 1/2 Mile WNW
J50	TXMON5000028597	1/4 - 1/2 Mile WNW
J51	TXDOL2000042254	1/4 - 1/2 Mile WNW
J52	TXDOL2000042255	1/4 - 1/2 Mile WNW
J53	TXDOL2000042252	1/4 - 1/2 Mile WNW
J54	TXDOL2000042253	1/4 - 1/2 Mile WNW
J55	TXDOL2000042256	1/4 - 1/2 Mile WNW
J56	TXDOL2000154490	1/4 - 1/2 Mile WNW
J57	TXDOL2000154491	1/4 - 1/2 Mile WNW
J58	TXDOL2000154478	1/4 - 1/2 Mile WNW
J59	TXDOL2000154489	1/4 - 1/2 Mile WNW
I60	TXWDB7000091899	1/4 - 1/2 Mile SE
K61	TXDOL2000154333	1/2 - 1 Mile ESE
K62	TXMON5000039909	1/2 - 1 Mile ESE
63	TXWDB7000091884	1/2 - 1 Mile West
L65	TXEQ6000022127	1/2 - 1 Mile West
M66	TXMON5000390736	1/2 - 1 Mile NW
N67	TXWDB7000091877	1/2 - 1 Mile North
N68	TXWDB7000091902	1/2 - 1 Mile North
N69	TXMON5000293748	1/2 - 1 Mile North
L70	TXWDB7000091882	1/2 - 1 Mile West
71	TXPLU5000024937	1/2 - 1 Mile ESE
M72	TXWDB7000139199	1/2 - 1 Mile NW
N73	TXWDB7000091901	1/2 - 1 Mile North
N74	TXMON5000219986	1/2 - 1 Mile North
N75	TXMON5000270576	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
N76	TXWDB7000091903	1/2 - 1 Mile North
N77	TXPLU5000029972	1/2 - 1 Mile North
N78	TXMON5000270577	1/2 - 1 Mile North
N79	TXWDB7000091876	1/2 - 1 Mile North
80	TXMON5000278698	1/2 - 1 Mile WNW
O81	TXWDB7000091875	1/2 - 1 Mile North
82	TXWDB7000091872	1/2 - 1 Mile NNW
83	TXWDB7000091873	1/2 - 1 Mile NW
P84	TXMON5000109900	1/2 - 1 Mile NE
P85	TXMON5000109901	1/2 - 1 Mile NE
P86	TXMON5000109905	1/2 - 1 Mile NE
P87	TXMON5000109899	1/2 - 1 Mile NE
P88	TXMON5000109896	1/2 - 1 Mile NE
P89	TXMON5000109897	1/2 - 1 Mile NE
P90	TXMON5000109898	1/2 - 1 Mile NE
P91	TXMON5000109908	1/2 - 1 Mile NE
P92	TXMON5000133616	1/2 - 1 Mile NE
P93	TXMON5000357666	1/2 - 1 Mile NE
P94	TXPLU5000144073	1/2 - 1 Mile NE
P95	TXMON5000109916	1/2 - 1 Mile NE
P96	TXMON5000109912	1/2 - 1 Mile NE
P97	TXMON5000109913	1/2 - 1 Mile NE
P98	TXMON5000109915	1/2 - 1 Mile NE
P99	TXDOL2000152680	1/2 - 1 Mile NE
P100	TXDOL2000152681	1/2 - 1 Mile NE
P101	TXDOL2000152682	1/2 - 1 Mile NE
P102	TXDOL2000152265	1/2 - 1 Mile NE
P103	TXDOL2000152678	1/2 - 1 Mile NE
P104	TXDOL2000152679	1/2 - 1 Mile NE
P105	TXDOL2000152683	1/2 - 1 Mile NE
P106	TXDOL2000152687	1/2 - 1 Mile NE
P107	TXDOL2000152688	1/2 - 1 Mile NE
P108	TXDOL2000152689	1/2 - 1 Mile NE
P109	TXDOL2000152684	1/2 - 1 Mile NE
P110	TXDOL2000152685	1/2 - 1 Mile NE
P111	TXDOL2000152686	1/2 - 1 Mile NE
112	TXPLU5000009709	1/2 - 1 Mile ESE
Q113	TXDOL2000154450	1/2 - 1 Mile ENE
Q114	TXMON5000032374	1/2 - 1 Mile ENE
O115	TXMON5000008565	1/2 - 1 Mile North
O116	TXMON5000018581	1/2 - 1 Mile North
R117	TXMON5000008562	1/2 - 1 Mile North
O118	TXDOL2000154690	1/2 - 1 Mile North
O119	TXDOL2000154855	1/2 - 1 Mile North
R120	TXDOL2000154856	1/2 - 1 Mile North
O121	TXMON5000018579	1/2 - 1 Mile North
O122	TXDOL2000154691	1/2 - 1 Mile North
S123	TXWDB7000091904	1/2 - 1 Mile SSW
T125	TXMON5000222092	1/2 - 1 Mile WNW
T126	TXMON5000222091	1/2 - 1 Mile WNW
T127	TXMON5000222090	1/2 - 1 Mile WNW
T128	TXPLU5000125962	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
T129	TXPLU5000125961	1/2 - 1 Mile WNW
T130	TXPLU5000125960	1/2 - 1 Mile WNW
R131	TXMON5000018583	1/2 - 1 Mile North
R132	TXDOL2000154689	1/2 - 1 Mile North
U133	TXDOL2000154356	1/2 - 1 Mile ESE
U134	TXDOL2000154357	1/2 - 1 Mile ESE
U135	TXMON5000038341	1/2 - 1 Mile ESE
U136	TXMON5000038340	1/2 - 1 Mile ESE
U137	TXPLU5000107590	1/2 - 1 Mile ESE
U138	TXPLU5000107589	1/2 - 1 Mile ESE
139	TXMON5000297860	1/2 - 1 Mile ENE
140	TXPLU5000096187	1/2 - 1 Mile West
T141	TXMON5000366681	1/2 - 1 Mile NW
142	TXWDB7000091897	1/2 - 1 Mile SSE
W144	TXPLU5000014923	1/2 - 1 Mile ENE
W145	TXPLU5000014922	1/2 - 1 Mile ENE
W146	TXPLU5000054238	1/2 - 1 Mile ENE
W147	TXPLU5000054240	1/2 - 1 Mile ENE
W148	TXPLU5000054239	1/2 - 1 Mile ENE
V149	TXWDB7000091895	1/2 - 1 Mile NW
W151	TXDOL2000009400	1/2 - 1 Mile ENE
W152	TXDOL2000009399	1/2 - 1 Mile ENE
W153	TXDOL2000009398	1/2 - 1 Mile ENE
W154	TXDOL2000009401	1/2 - 1 Mile ENE
W155	TXDOL2000009414	1/2 - 1 Mile ENE
W156	TXDOL2000009413	1/2 - 1 Mile ENE
W157	TXDOL2000009412	1/2 - 1 Mile ENE
W158	TXDOL2000009397	1/2 - 1 Mile ENE
W159	TXDOL2000009281	1/2 - 1 Mile ENE
W160	TXDOL2000009280	1/2 - 1 Mile ENE
W161	TXDOL2000009279	1/2 - 1 Mile ENE
W162	TXDOL2000009393	1/2 - 1 Mile ENE
W163	TXDOL2000009396	1/2 - 1 Mile ENE
W164	TXDOL2000009395	1/2 - 1 Mile ENE
W165	TXDOL2000009394	1/2 - 1 Mile ENE
W166	TXDOL2000009421	1/2 - 1 Mile ENE
W167	TXDOL2000009420	1/2 - 1 Mile ENE
W168	TXDOL2000009422	1/2 - 1 Mile ENE
W169	TXDOL2000010993	1/2 - 1 Mile ENE
W170	TXDOL2000010992	1/2 - 1 Mile ENE
W171	TXDOL2000009416	1/2 - 1 Mile ENE
W172	TXDOL2000009415	1/2 - 1 Mile ENE
W173	TXDOL2000009417	1/2 - 1 Mile ENE
W174	TXDOL2000009419	1/2 - 1 Mile ENE
W175	TXDOL2000009418	1/2 - 1 Mile ENE
V176	TXWDB7000091894	1/2 - 1 Mile NW
W177	TXDOL2000153362	1/2 - 1 Mile ENE
W178	TXDOL2000153363	1/2 - 1 Mile ENE
W179	TXDOL2000153364	1/2 - 1 Mile ENE
W180	TXDOL2000153182	1/2 - 1 Mile ENE
W181	TXDOL2000153360	1/2 - 1 Mile ENE
W182	TXDOL2000153361	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

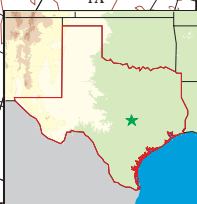
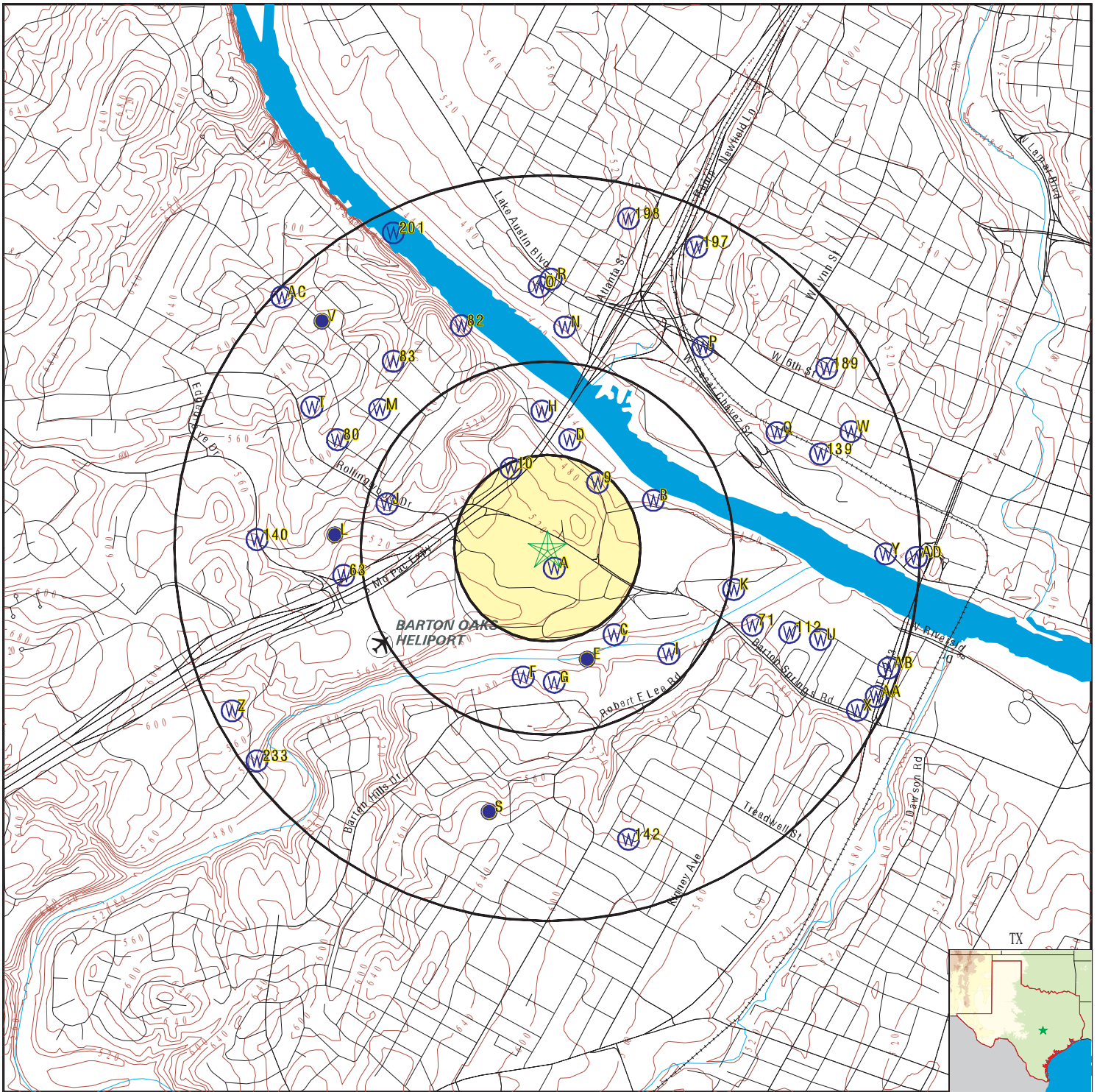
MAP ID	WELL ID	LOCATION FROM TP
W183	TXMON5000088855	1/2 - 1 Mile ENE
W184	TXMON5000088854	1/2 - 1 Mile ENE
W185	TXMON5000088852	1/2 - 1 Mile ENE
W186	TXMON5000088861	1/2 - 1 Mile ENE
W187	TXMON5000088859	1/2 - 1 Mile ENE
W188	TXMON5000088858	1/2 - 1 Mile ENE
189	TXMON5000214623	1/2 - 1 Mile ENE
X190	TXDOL2000152204	1/2 - 1 Mile ESE
X191	TXDOL2000152206	1/2 - 1 Mile ESE
X192	TXDOL2000152205	1/2 - 1 Mile ESE
X193	TXMON5000135959	1/2 - 1 Mile ESE
X194	TXMON5000135962	1/2 - 1 Mile ESE
X195	TXMON5000135966	1/2 - 1 Mile ESE
Y196	TXMON5000370928	1/2 - 1 Mile East
197	TXPLU5000002653	1/2 - 1 Mile NNE
198	TXMON5000256031	1/2 - 1 Mile NNE
Y199	TXMON5000305291	1/2 - 1 Mile East
X200	TXMON5000269468	1/2 - 1 Mile ESE
201	TXWDB7000091887	1/2 - 1 Mile NNW
Z202	TXMON5000099144	1/2 - 1 Mile WSW
Z203	TXMON5000155163	1/2 - 1 Mile WSW
Z204	TXMON5000099142	1/2 - 1 Mile WSW
Z205	TXMON5000099143	1/2 - 1 Mile WSW
Z206	TXMON5000155164	1/2 - 1 Mile WSW
Z207	TXPLU5000047705	1/2 - 1 Mile WSW
Z208	TXPLU5000047712	1/2 - 1 Mile WSW
Z209	TXPLU5000047703	1/2 - 1 Mile WSW
Z210	TXPLU5000047704	1/2 - 1 Mile WSW
Z211	TXDOL2000153017	1/2 - 1 Mile WSW
Z212	TXDOL2000153018	1/2 - 1 Mile WSW
Z213	TXDOL2000152981	1/2 - 1 Mile WSW
Z214	TXDOL2000151692	1/2 - 1 Mile WSW
Z215	TXDOL2000151693	1/2 - 1 Mile WSW
X216	TXDOL2000152773	1/2 - 1 Mile ESE
X217	TXDOL2000152774	1/2 - 1 Mile ESE
X218	TXDOL2000152770	1/2 - 1 Mile ESE
X219	TXDOL2000152771	1/2 - 1 Mile ESE
X220	TXMON5000108506	1/2 - 1 Mile ESE
X221	TXMON5000269466	1/2 - 1 Mile ESE
X222	TXPLU5000029226	1/2 - 1 Mile ESE
X223	TXMON5000108501	1/2 - 1 Mile ESE
X224	TXMON5000108503	1/2 - 1 Mile ESE
X225	TXMON5000108505	1/2 - 1 Mile ESE
X226	TXPLU5000029227	1/2 - 1 Mile ESE
X227	TXPLU5000029231	1/2 - 1 Mile ESE
X228	TXPLU5000029235	1/2 - 1 Mile ESE
X229	TXPLU5000029242	1/2 - 1 Mile ESE
X230	TXPLU5000029228	1/2 - 1 Mile ESE
X231	TXPLU5000029229	1/2 - 1 Mile ESE
X232	TXPLU5000029230	1/2 - 1 Mile ESE
233	TXPLU5000008542	1/2 - 1 Mile SW
AA234	TXDOL2000151416	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AA235	TXDOL2000151417	1/2 - 1 Mile ESE
AA236	TXDOL2000151418	1/2 - 1 Mile ESE
AA237	TXDOL2000151413	1/2 - 1 Mile ESE
AA238	TXDOL2000151414	1/2 - 1 Mile ESE
AA239	TXDOL2000151415	1/2 - 1 Mile ESE
AA240	TXDOL2000152197	1/2 - 1 Mile ESE
AA241	TXDOL2000152281	1/2 - 1 Mile ESE
AA242	TXDOL2000152929	1/2 - 1 Mile ESE
AA243	TXDOL2000153216	1/2 - 1 Mile ESE
AA244	TXDOL2000152198	1/2 - 1 Mile ESE
AA245	TXDOL2000152249	1/2 - 1 Mile ESE
AA246	TXDOL2000152251	1/2 - 1 Mile ESE
AA247	TXMON5000132016	1/2 - 1 Mile ESE
AA248	TXMON5000132020	1/2 - 1 Mile ESE
AA249	TXMON5000136350	1/2 - 1 Mile ESE
AA250	TXMON5000092395	1/2 - 1 Mile ESE
AA251	TXMON5000103421	1/2 - 1 Mile ESE
AA252	TXMON5000132013	1/2 - 1 Mile ESE
AA253	TXMON5000136352	1/2 - 1 Mile ESE
AA254	TXMON5000175452	1/2 - 1 Mile ESE
AA255	TXMON5000175454	1/2 - 1 Mile ESE
AA256	TXMON5000175455	1/2 - 1 Mile ESE
AA257	TXMON5000175445	1/2 - 1 Mile ESE
AA258	TXMON5000175447	1/2 - 1 Mile ESE
AA259	TXMON5000175450	1/2 - 1 Mile ESE
AB260	TXDOL2000152212	1/2 - 1 Mile ESE
AB261	TXDOL2000152211	1/2 - 1 Mile ESE
AB262	TXDOL2000152218	1/2 - 1 Mile ESE
AB263	TXDOL2000152217	1/2 - 1 Mile ESE
AB264	TXMON5000135728	1/2 - 1 Mile ESE
AB265	TXMON5000135726	1/2 - 1 Mile ESE
AB266	TXMON5000135734	1/2 - 1 Mile ESE
AB267	TXMON5000135730	1/2 - 1 Mile ESE
AC268	TXWDB7000091881	1/2 - 1 Mile NW
AC269	TXWDB7000091883	1/2 - 1 Mile NW
AD270	TXDOL2000133954	1/2 - 1 Mile East
AD271	TXMON5000123109	1/2 - 1 Mile East
AD272	TXDOL2000151359	1/2 - 1 Mile East
AD273	TXMON5000181588	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 5637952.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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



SITE NAME: Zilker Metro Park
 ADDRESS: 2022-2098 Barton Springs Rd
 Austin TX 78746
 LAT/LONG: 30.267721 / 97.773086

CLIENT: TRC
 CONTACT: Michael Bohmfalk
 INQUIRY #: 5637952.2s
 DATE: May 01, 2019 9:20 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
SSE
0 - 1/8 Mile
Lower

TX WELLS TXMON5000028023

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	28960	Borehole Depth (ft):	5.4
Proposed Use:	Environmental Soil Boring	Plugging Rpt #:	108376
Injurious Water Quality:	no		
Submitted Date:	2003-12-02	Owner Name:	CITY OF AUSTIN
Well #:	B-9	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-24	Drill End Date:	2003-01-24
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108376
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	5.4
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0-1 ASPHALT 1		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	1-5.4 BENTONITE 2		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	1
Lithology:	CLAYEY GRAVEL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	4
Lithology:	CLAYEY SANDY GRAVEL		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	4	Bottom Depth:	5.4
Lithology:	LIMESTONE		

**A2
SSE
0 - 1/8 Mile
Lower**

TX WELLS TXMON5000028024

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28961	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	5.4
Injurious Water Quality:	no	Plugging Rpt #:	108377

Submitted Date:	2003-12-02	Owner Name:	CITY OF AUSTIN
Well #:	B-10	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-24	Drill End Date:	2003-01-24
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108377
Driller License #:	2551	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	5.4

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Unknown
----------------------	-----------------	----------------------	---------

Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0-1 ASPHALT 1		

Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	1-5.4 BENTONITE 2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	2
Lithology:	CLAYEY GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	2	Bottom Depth:	4
Lithology:	SANDY GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	4	Bottom Depth:	5.3
Lithology:	SANDY CLAYEY GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5.3	Bottom Depth:	5.4
Lithology:	LIMESTONE		

**A3
SSE
0 - 1/8 Mile
Lower**

TX WELLS TXMON5000028018

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28955	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	23.5
Injurious Water Quality:	no	Plugging Rpt #:	108374
Submitted Date:	2003-12-02	Owner Name:	CITY OF AUSTIN
Well #:	B-7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-24	Drill End Date:	2003-01-24
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108374
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	24

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0-1 ASPHALT 1		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	1-23.5 BENTONITE 8		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	2
Lithology:	SANDY GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	2	Bottom Depth:	9
Lithology:	CLAYEY GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9	Bottom Depth:	13
Lithology:	SILTY GRAVELLY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	13	Bottom Depth:	22
Lithology:	POORLY GRADED GRAVELLY SAND		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	22	Bottom Depth:	23
Lithology:	GRAVELY SAND		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	23	Bottom Depth:	24
Lithology:	LIMESTONE		

A4
SSE
0 - 1/8 Mile
Lower

TX WELLS TXMON5000028021

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28958	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	25
Injurious Water Quality:	no	Plugging Rpt #:	108375

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Submitted Date:	2003-12-02	Owner Name:	CITY OF AUSTIN
Well #:	B-7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-24	Drill End Date:	2003-01-24
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108375
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	25
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0-1 ASPHALT 1		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	1-25 BENTONITE 8		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	8
Lithology:	CLAYEY GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	8	Bottom Depth:	9
Lithology:	GRAVELY SAND		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9	Bottom Depth:	18
Lithology:	SILTY SAND		
Details Reports For:	Well Lithology	Migrated Sort #:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	18	Bottom Depth:	22
Lithology:	GRAVELLY SAND		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	22	Bottom Depth:	24
Lithology:	LIMESTONE BOULDERS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	24	Bottom Depth:	25
Lithology:	LIMESTONE		

**A5
SSE
0 - 1/8 Mile
Lower**

TX WELLS TXPLU5000106455

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108376	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	5.4	Well Report #:	28960

Details Reports For:	Plug Data	Submitted Date:	2003-12-02
Owner Name:	CITY OF AUSTIN	Well #:	B-9
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC		
Original Driller:	Jose S Landeros	Original License #:	2551
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2003-01-24
Plug Method:	Unknown	Plug Date:	2003-01-24
Variance #:	Not Reported	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Plugging Name:	JOSE LANDEROS	Driller License:	2551
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	5.4

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	1-5.4 BENTONITE 2
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0-1 ASPHALT 1
Amount:	Not Reported	Unit:	Not Reported

**A6
SSE
0 - 1/8 Mile
Lower**

TX WELLS TXPLU5000106456

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108377	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	5.4	Well Report #:	28961

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Plug Data	Submitted Date:	2003-12-02
Owner Name:	CITY OF AUSTIN	Well #:	B-10
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC	Original License #:	2551
Original Driller:	Jose S Landeros	Original Drill Date:	2003-01-24
Original Well Use:	Environmental Soil Boring	Plug Date:	2003-01-24
Plug Method:	Unknown	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Variance #:	Not Reported	Driller License:	2551
Pluggger Name:	JOSE LANDEROS	Comments:	Not Reported
Apprentice Reg #:	Not Reported		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	5.4

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0-1 ASPHALT 1
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	1-5.4 BENTONITE 2
Amount:	Not Reported	Unit:	Not Reported

**A7
SSE
0 - 1/8 Mile
Lower**

TX WELLS TXPLU5000106453

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108374	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	23.5	Well Report #:	28955

Details Reports For:	Plug Data	Submitted Date:	2003-12-02
Owner Name:	CITY OF AUSTIN	Well #:	B-7
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC	Original License #:	2551
Original Driller:	Jose S Landeros	Original Drill Date:	2003-01-24
Original Well Use:	Environmental Soil Boring	Plug Date:	2003-01-24
Plug Method:	Unknown	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Variance #:	Not Reported	Driller License:	2551
Pluggger Name:	JOSE LANDEROS	Comments:	Not Reported
Apprentice Reg #:	Not Reported		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	24

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0-1 ASPHALT 1
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	1-23.5 BENTONITE 8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount: Not Reported Unit: Not Reported

A8
SSE
0 - 1/8 Mile
Lower

TX WELLS TXPLU5000106454

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108375	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	25	Well Report #:	28958

Details Reports For:	Plug Data	Submitted Date:	2003-12-02
Owner Name:	CITY OF AUSTIN	Well #:	B-7
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC		
Original Driller:	Jose S Landeros	Original License #:	2551
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2003-01-24
Plug Method:	Unknown	Plug Date:	2003-01-24
Variance #:	Not Reported	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Plugging Name:	JOSE LANDEROS	Driller License:	2551
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	25

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0-1 ASPHALT 1
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	1-25 BENTONITE 8
Amount:	Not Reported	Unit:	Not Reported

9
NE
1/8 - 1/4 Mile
Lower

TX WELLS TXPLU5000085179

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	63245	Well Type:	Monitor
Borehole Depth (ft):	47.5	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2010-04-23
Owner Name:	city of austin	Well #:	mw-3
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	n/a
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	1998-03-19		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2010-02-25	Variance #:	Not Reported
Company Name:	Coretech Drilling Inc.	Plugging Name:	Sam Ramirez

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller License:	2859	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	48
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	48	Plug Seal:	2 bentonite chips
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 cement
Amount:	Not Reported	Unit:	Not Reported

**10
NNW
1/8 - 1/4 Mile
Lower**

TX WELLS TXWDB7000091900

Database:	Groundwater Database	Well #:	5842931
Primary Water Use:	Irrigation	Elevation:	505
Well Depth:	96	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

**B11
ENE
1/4 - 1/2 Mile
Lower**

TX WELLS TXPLU5000086698

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	63241	Well Type:	Monitor
Borehole Depth (ft):	35	Well Report #:	Not Reported
Details Reports For:	Plug Data	Submitted Date:	2010-04-23
Owner Name:	city of austin	Well #:	mw-1
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	n/a
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2010-02-26	Variance #:	Not Reported
Company Name:	Coretech Drilling Inc.	Plugging Name:	sam ramirez
Driller License:	2859	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	35
Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 cement

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	35	Plug Seal:	1.5 bent. chips
Amount:	Not Reported	Unit:	Not Reported

**C12
SE
1/4 - 1/2 Mile
Lower**

TX WELLS TXDOL2000154692

Database:	Well Report Database	Fid:	154691
Rec id:	154693	Edr site i:	19150
Owner:	City of Austin	Ownerwell:	WP-2
Address:	Zilker Park Recreation Office, Austin , TX 78704		
Grid:	58-42-9		
Waddress:	Zilker Park childrens play scape area, Austin , TX 78704		
Lat:	30 15 52 N	County:	Travis
Long:	097 46 12 W	Elevation:	456 ft.
Gpsused:	Garmin	Typeofwork:	Replacement Well
Propuse:	Public Supply; Plans Approved by TCEQ is Unknown		
Sdate:	Not Reported	Completedd:	Not Reported
Diameter:	10.625 in From Surface To 15.5 ft	Dmethod:	Hollow Stem Auger
Bcompleteio:	Open Hole	Packedfrom:	Not Reported
Packsizes:	Not Reported		
Finterval:	From 0 ft to 15.5 ft with 16 (#sacks and material)		
Sinterval:	From 0 ft to 20 ft with 2 (#sacks and material)		
Tinterval:	No Data	Usedmethod:	trimie
Cementedby:	drill crerw	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	16.5 ft. below land surface on 2/19/2003		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Fresh
Stratadept:	16.5 ft.	Chemicalma:	No
Undesirabl:	No Data	Companynam:	Cutting Edge Core Drilling, Inc.
Companyadd:	1985 FM 969	Ccitystate:	Elgin , TX 78621
Licensenum:	54881	Wsignature:	Tom Placek
Dsignature:	No Data	Regnum:	No Data
Comments:	No Data	Site id:	TXDOL2000154692

**C13
SE
1/4 - 1/2 Mile
Lower**

TX WELLS TXMON5000018405

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	19150	Well Type:	Replacement
Proposed Use:	Public Supply	Borehole Depth (ft):	35
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2003-04-17	Owner Name:	City of Austin
Well #:	WP-2	# Wells Drilled:	Not Reported
Elevation:	456	Type of Work:	Replacement

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Public Supply	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-02-18	Drill End Date:	2003-02-19
Seal Method:	Other - trimie	Seal Method Desc:	trimie
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	drill crew	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	Not Reported	Company Name:	Cutting Edge Core Drilling, Inc.
Driller Name:	Thomas S Placek	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54881	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	10.625
Top Depth:	0	Bottom Depth:	16
Details Reports For:	Well Bore Hole	Diameter:	3.79
Top Depth:	16	Bottom Depth:	35
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Drilling Method	Drill Method:	Other - cored
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	20	Annular Seal:	2
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	16	Annular Seal:	16
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	16.5
Measurement Date:	2003-02-19	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Strata	Migrated Strata Depth:	16.5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	15
Lithology:	Redish brown silty clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	15	Bottom Depth:	35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology: Very hard and broken limestone, (Karst) with clay / gravel filled voids and cavities.

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4 New PVC 0-15.5	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2.5 New PVC 0-27 hand slotted		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	below 20'	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**D14
North
1/4 - 1/2 Mile
Lower**

TX WELLS TXPLU5000086701

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	63251	Well Type:	Monitor
Borehole Depth (ft):	33	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2010-04-23
Owner Name:	city of austin	Well #:	mw-4
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	n/a
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	1998-03-16		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2010-02-25	Variance #:	Not Reported
Company Name:	Coretech Drilling Inc.	Plugging Name:	Sam Ramirez
Driller License:	2859	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	33

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 cement
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C15
SE
1/4 - 1/2 Mile
Lower

TX WELLS TXWDB7000091891

Database:	Groundwater Database	Well #:	5842921
Primary Water Use:	Public Supply	Elevation:	450
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Spring		

D16
NNE
1/4 - 1/2 Mile
Lower

TX WELLS TXPLU5000085184

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	63248	Well Type:	Monitor
Borehole Depth (ft):	34.5	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2010-04-23
Owner Name:	city of austin	Well #:	mw-7
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	n/a
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	1998-03-17		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Plug Date:	2010-02-25	Variance #:	Not Reported
Company Name:	Coretech Drilling Inc.	Plugging Name:	Sam Ramirez
Driller License:	2859	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	35

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	35	Plug Seal:	2 bentonite chips
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 cement
Amount:	Not Reported	Unit:	Not Reported

E17
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS40001170104

Organization ID:	USGS-TX	Organization Name:	USGS Texas Water Science Center
Monitor Location:	YD-58-42-903	Type:	Well
Description:	Not Reported	HUC:	12090205

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Edwards-Trinity aquifer system		
Formation Type:	Edwards and Associated Limestones		
Aquifer Type:	Not Reported	Construction Date:	19200101
Well Depth:	57	Well Depth Units:	ft
Well Hole Depth:	57	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	80	Level reading date:	1983-03-28
Feet below surface:	26.43	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1983-02-22	Feet below surface:	31.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-01-25	Feet below surface:	28.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-01-04	Feet below surface:	28.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-22	Feet below surface:	29.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-10-25	Feet below surface:	29.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-09-28	Feet below surface:	28.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-08-25	Feet below surface:	28.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-28	Feet below surface:	28.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-06-25	Feet below surface:	26.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-05-26	Feet below surface:	26.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-04-27	Feet below surface:	28.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-03-30	Feet below surface:	31.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-03-02	Feet below surface:	31.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-26	Feet below surface:	27.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-06	Feet below surface:	30.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-11-24	Feet below surface:	26.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-10-26	Feet below surface:	26.18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-09-01	Feet below surface:	26.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-07-22	Feet below surface:	25.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-06-24	Feet below surface:	27.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-05-21	Feet below surface:	27.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-21	Feet below surface:	27.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-03-24	Feet below surface:	27.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-02-26	Feet below surface:	31.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-01-20	Feet below surface:	28.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-12-22	Feet below surface:	28.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-11-19	Feet below surface:	28.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-10-23	Feet below surface:	28.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-09-24	Feet below surface:	28.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-07-28	Feet below surface:	28.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-25	Feet below surface:	27.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-04	Feet below surface:	26.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-28	Feet below surface:	28.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-04	Feet below surface:	31.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-28	Feet below surface:	32.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-29	Feet below surface:	28.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-01	Feet below surface:	27.54
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1979-09-26	Feet below surface:	26.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-30	Feet below surface:	25.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-08	Feet below surface:	25.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-06-26	Feet below surface:	26.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-05-29	Feet below surface:	24.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-25	Feet below surface:	25.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-29	Feet below surface:	26.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-02	Feet below surface:	29.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-01-29	Feet below surface:	27.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-01-01	Feet below surface:	28.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-27	Feet below surface:	28.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-25	Feet below surface:	29.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-05-20	Feet below surface:	27.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-04-20	Feet below surface:	26.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-03-20	Feet below surface:	29.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-02-10	Feet below surface:	28.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-01-15	Feet below surface:	29.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-06-20	Feet below surface:	26.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-05-20	Feet below surface:	26.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-04-20	Feet below surface:	25.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-03-10	Feet below surface:	30.06
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1959-02-10	Feet below surface:	30.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-01-20	Feet below surface:	29.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-12-20	Feet below surface:	24.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-11-10	Feet below surface:	23.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-09-15	Feet below surface:	27.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-08-15	Feet below surface:	26.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-07-15	Feet below surface:	25.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-06-15	Feet below surface:	24.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-05-14	Feet below surface:	23.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-04-20	Feet below surface:	23.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-03-20	Feet below surface:	23.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-02-20	Feet below surface:	27.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-01-20	Feet below surface:	26.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-12-20	Feet below surface:	27.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-11-20	Feet below surface:	26.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-10-20	Feet below surface:	23.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-09-20	Feet below surface:	28.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-08-20	Feet below surface:	26.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-07-20	Feet below surface:	26.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-06-20	Feet below surface:	24.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-03-15	Feet below surface:	33.64
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E18
SSE
 1/4 - 1/2 Mile
 Lower

TX WELLS TXWDB7000091885

Database:	Groundwater Database	Well #:	5842914
Primary Water Use:	Recreation	Elevation:	494
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Spring		

F19
SSW
 1/4 - 1/2 Mile
 Lower

TX WELLS TXWDB7000091890

Database:	Groundwater Database	Well #:	5842920
Primary Water Use:	Public Supply	Elevation:	521
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Spring		

E20
SSE
 1/4 - 1/2 Mile
 Lower

TX WELLS TXWDB7000091874

Database:	Groundwater Database	Well #:	5842903
Primary Water Use:	Unused	Elevation:	461
Well Depth:	45	Observation Type:	Historical Observation Well
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Withdrawal of Water		

B21
ENE
 1/4 - 1/2 Mile
 Lower

TX WELLS TXWDB7000091889

Database:	Groundwater Database	Well #:	5842919
Primary Water Use:	Not Reported	Elevation:	460
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Spring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G22
South
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000154498

Database:	Well Report Database	Fid:	154497
Rec id:	154496	Edr site i:	28510
Owner:	CITY OF AUSTIN	Ownerwell:	B-6
Address:	206 EAST 9TH STREET SUITE 16.100, AUSTIN , TX 78701		
Grid:	58-42-9	Waddress:	ZILKER PARK AREA, AUSTIN , TX 78701
Lat:	30 15 45 N	County:	Travis
Long:	097 46 23 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	7 in From Surface To 23 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	No Data
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	No Data	Sinterval:	No Data
Tinterval:	No Data	Usedmethod:	Not Reported
Cementedby:	Not Reported	Contaminat:	Not Reported
Propertyli:	Not Reported	Verrimetho:	Not Reported
Varriance:	Not Reported	Surface:	No Data
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	GEOPROJECTS INTERNATIONAL, INC	Companyadd:	8834 CIRCLE DRIVE
Ccitystate:	AUSTIN , TX 78736	Licensenum:	2551
Wsignature:	JOSE LANDEROS	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000154498		

G23
South
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000154499

Database:	Well Report Database	Fid:	154498
Rec id:	154497	Edr site i:	28509
Owner:	CITY OF AUSTIN	Ownerwell:	B-5
Address:	206 EAST 9TH STREET SUITE 16.100, AUSTIN , TX 78701		
Grid:	58-42-9	Waddress:	ZILKER PARK AREA, AUSTIN , TX 78701
Lat:	30 15 45 N	County:	Travis
Long:	097 46 23 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	7 in From Surface To 19 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	No Data
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	No Data	Sinterval:	No Data
Tinterval:	No Data	Usedmethod:	Not Reported
Cementedby:	Not Reported	Contaminat:	Not Reported
Propertyli:	Not Reported	Verrimetho:	Not Reported
Varriance:	Not Reported	Surface:	No Data
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companyname:	GEOPROJECTS INTERNATIONAL, INC	Companyadd:	8834 CIRCLE DRIVE
Ccitystate:	AUSTIN , TX 78736	Licensenum:	2551
Wsignature:	JOSE LANDEROS	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000154499		

**G24
South
1/4 - 1/2 Mile
Lower**

TX WELLS TXMON5000027586

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28510	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	23
Injurious Water Quality:	no	Plugging Rpt #:	108339
Submitted Date:	2003-11-19	Owner Name:	CITY OF AUSTIN
Well #:	B-6	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-16	Drill End Date:	2003-01-16
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108339
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	23
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0 - 23 BENTONITE 8		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.8
Lithology:	DARK BROWN SILTY CLAY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.8	Bottom Depth:	4
Lithology:	DARK BROWN GRAVELY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	4	Bottom Depth:	6
Lithology:	REDDISH BROWN GRAVELY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	6	Bottom Depth:	9.6
Lithology:	SANDY CLAY WITH GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9.6	Bottom Depth:	16
Lithology:	TAN SANDY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	16	Bottom Depth:	23
Lithology:	TAN SANDY GRAVEL		

**G25
South
1/4 - 1/2 Mile
Lower**

TX WELLS TXMON5000027585

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28509	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	19
Injurious Water Quality:	no	Plugging Rpt #:	108338
Submitted Date:	2003-11-19	Owner Name:	CITY OF AUSTIN
Well #:	B-5	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-16	Drill End Date:	2003-01-16
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108338
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	19

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0 - 19 BENTONITE 7		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	2.7
Lithology:	DARK BRAOWN GRAVELY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	2.7	Bottom Depth:	6.4
Lithology:	LIGHT BROWN GRAVELY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	6.4	Bottom Depth:	14
Lithology:	SANDY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	14	Bottom Depth:	19
Lithology:	SANDY GRAVEL		

G26
South
1/4 - 1/2 Mile
Lower

TX WELLS TXPLU5000106418

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108339	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	23	Well Report #:	28510

Details Reports For:	Plug Data	Submitted Date:	2003-11-19
Owner Name:	CITY OF AUSTIN	Well #:	B-6
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC		
Original Driller:	Jose S Landeros	Original License #:	2551
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2003-01-16
Plug Method:	Unknown	Plug Date:	2003-01-16
Variance #:	Not Reported	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Pluggger Name:	JOSE LANDEROS	Driller License:	2551
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	23

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0 - 23 BENTONITE 8
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

G27
South
1/4 - 1/2 Mile
Lower

TX WELLS TXPLU5000106417

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108338	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	19	Well Report #:	28509

Details Reports For:	Plug Data	Submitted Date:	2003-11-19
Owner Name:	CITY OF AUSTIN	Well #:	B-5
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC		
Original Driller:	Jose S Landeros	Original License #:	2551
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2003-01-16
Plug Method:	Unknown	Plug Date:	2003-01-16
Variance #:	Not Reported	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Pluggger Name:	JOSE LANDEROS	Driller License:	2551
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	19

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0 - 19 BENTONITE 7
Amount:	Not Reported	Unit:	Not Reported

G28
South
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000154500

Database:	Well Report Database	Fid:	154499
Rec id:	154498	Edr site i:	28508
Owner:	CITY OF AUSTIN	Ownerwell:	B-4
Address:	206 EAST 9TH STREET SUITE 16.100, AUSTIN , TX 78701		
Grid:	58-42-9	Waddress:	ZILKER PARK AREA, AUSTIN , TX 78701
Lat:	30 15 45 N	County:	Travis
Long:	097 46 20 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	7 in From Surface To 14.5 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	No Data
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	No Data	Sinterval:	No Data
Tinterval:	No Data	Usedmethod:	Not Reported
Cementedby:	Not Reported	Contaminat:	Not Reported
Propertyli:	Not Reported	Verrimetho:	Not Reported
Varriance:	Not Reported	Surface:	No Data
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemicalma:	No	Undesirabl:	No
Companynam:	GEOPROJECTS INTERNATIONAL, INC	Companyadd:	8834 CIRCLE DRIVE
Ccitystate:	AUSTIN , TX 78736	Licensenum:	2551
Wsignature:	JOSE LANDEROS	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000154500		

**G29
South
1/4 - 1/2 Mile
Lower**

TX WELLS TXMON5000027584

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28508	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	14.5
Injurious Water Quality:	no	Plugging Rpt #:	108337
Submitted Date:	2003-11-19	Owner Name:	CITY OF AUSTIN
Well #:	B-4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-16	Drill End Date:	2003-01-16
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108337
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	15
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 0 - 14.5 BENTONITE 4		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	3
Lithology:	SANDY GRAVELY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	3	Bottom Depth:	8
Lithology:	SANDY CLAY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	8	Bottom Depth:	10
Lithology:	SANDY GRAVELY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	10	Bottom Depth:	14
Lithology:	SANDY CLAYED GRAVEL		

G30
South
1/4 - 1/2 Mile
Lower

TX WELLS TXPLU5000106416

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108337	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	14.5	Well Report #:	28508

Details Reports For:	Plug Data	Submitted Date:	2003-11-19
Owner Name:	CITY OF AUSTIN	Well #:	B-4
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC		
Original Driller:	Jose S Landeros	Original License #:	2551
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2003-01-16
Plug Method:	Unknown	Plug Date:	2003-01-16
Variance #:	Not Reported	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Plugging Name:	JOSE LANDEROS	Driller License:	2551
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	15

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 0 - 14.5 BENTONITE 4
Amount:	Not Reported	Unit:	Not Reported

F31
South
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000154501

Database:	Well Report Database	Fid:	154500
Rec id:	154499	Edr site i:	28507
Owner:	CITY OF AUSTIN	Ownerwell:	B-3
Address:	206 EAST 9TH STREET SUITE 16.100, AUSTIN , TX 78701		
Grid:	58-42-9	Waddress:	ZILKER PARK AREA, AUSTIN , TX 78701
Lat:	30 15 45 N	County:	Travis
Long:	097 46 27 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Completedd:	Not Reported	Diameter:	7 in From Surface To 17 ft
Dmethod:	Hollow Stem Auger	Bcompleti:	No Data
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	No Data	Sinterval:	No Data
Tinterval:	No Data	Usedmethod:	Not Reported
Cementedby:	Not Reported	Contaminat:	Not Reported
Propertyli:	Not Reported	Verrimetho:	Not Reported
Varriance:	Not Reported	Surface:	No Data
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	GEOPROJECTS INTERNATIONAL, INC	Companyadd:	8834 CIRCLE DRIVE
Ccitystate:	AUSTIN , TX 78736	Licensenum:	2551
Wsignature:	JOSE LANDEROS	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000154501		

F32
South
1/4 - 1/2 Mile
Lower

TX WELLS TXMON5000027583

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	28507	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	17
Injurious Water Quality:	no	Plugging Rpt #:	108336
Submitted Date:	2003-11-19	Owner Name:	CITY OF AUSTIN
Well #:	B-3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-01-16	Drill End Date:	2003-01-16
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Driller Name:	Jose S Landeros	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	108336
Driller License #:	2551	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	17
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Unknown

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 - 17 BENTONITE 6		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	3.8
Lithology:	SILTY CLAY		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	3.8	Bottom Depth:	8.1
Lithology:	SILTY GRAVELY CLAY		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	8.1	Bottom Depth:	14
Lithology:	TAN SANDY CLAYEY GRAVEL		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	14	Bottom Depth:	17
Lithology:	TAN WET GRAVEL		

**F33
South
1/4 - 1/2 Mile
Lower**

TX WELLS TXPLU5000106415

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	108336	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	17	Well Report #:	28507

Details Reports For:	Plug Data	Submitted Date:	2003-11-19
Owner Name:	CITY OF AUSTIN	Well #:	B-3
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	GEOPROJECTS INTERNATIONAL, INC		
Original Driller:	Jose S Landeros	Original License #:	2551
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2003-01-16
Plug Method:	Unknown	Plug Date:	2003-01-16
Variance #:	Not Reported	Company Name:	GEOPROJECTS INTERNATIONAL, INC
Pluggger Name:	JOSE LANDEROS	Driller License:	2551
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	7
Top Depth:	0	Bottom Depth:	17

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 - 17 BENTONITE 6
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

H34
North
1/4 - 1/2 Mile
Lower

TX WELLS TXMON5000076703

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	78058	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	4
Injurious Water Quality:	Not Reported	Plugging Rpt #:	113454
Submitted Date:	2006-03-09	Owner Name:	City of Austin
Well #:	PPSB23,25,26,29	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-01-31	Drill End Date:	2006-01-31
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio		
Comments:	Zilker Park Landfill Well Report is for four (4) soil borings: PPSB-23, PPSB-25, PPSB-26, and PPSB-29		
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	113454
Driller License #:	54735	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	4
Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1/boring		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 4 Bentonite 0.1/boring		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	None		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	4
Lithology:	Fill		

**H35
North
1/4 - 1/2 Mile
Lower**

TX WELLS TXMON5000076704

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	78059	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	3
Injurious Water Quality:	Not Reported	Plugging Rpt #:	113455
Submitted Date:	2006-03-09	Owner Name:	City of Austin
Well #:	PPSB22,24,27,28	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-01-31	Drill End Date:	2006-01-31
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio		
Comments:	Zilker Park Landfill Well Report is for four (4) soil borings: PPSB-22, PPSB-24, PPSB-27, and PPSB-28		
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	113455
Driller License #:	54735	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	3
Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1/boring		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 3 Bentonite 0.1/boring		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	None		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-3 Fill		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	PPSB-22 = 2.5 (probe refusal due to rock)		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	PPSB-24 = 2 (probe refusal due to rock)		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	PPSB-27 & PPSB-28 = 3 (probe refusal due to rock)		

H36
North
1/4 - 1/2 Mile
Lower

TX WELLS TXMON5000076701

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	78056	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	8
Injurious Water Quality:	Not Reported	Plugging Rpt #:	113452
Submitted Date:	2006-03-09	Owner Name:	City of Austin
Well #:	PPSB1:-5,-7:-11	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-01-31	Drill End Date:	2006-01-31
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio		
Comments:	Zilker Park Landfill Well Report is for ten (10) soil borings: PPSB-1, PPSB-2, PPSB-3, PPSB-4, PPSB-5, PPSB-7, PPSB-8, PPSB-9, PPSB-10, and PPSB-11		
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	113452
Driller License #:	54735	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1/boring		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 8 Bentonite 0.3/boring		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	None		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	8
Lithology:	Fill		

**H37
North
1/4 - 1/2 Mile
Lower**

TX WELLS TXMON5000076702

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	78057	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	4
Injurious Water Quality:	Not Reported	Plugging Rpt #:	113453
Submitted Date:	2006-03-09	Owner Name:	City of Austin
Well #:	PPSB6,-12:-21	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-01-31	Drill End Date:	2006-01-31
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio		
Comments:	Zilker Park Landfill Well Report is for thirteen (13) soil borings: PPSB-6, PPSB-12, PPSB-13, PPSB-13N, PPSB-13S, PPSB-14, PPSB-15, PPSB-16, PPSB-17, PPSB-18, PPSB-19, PPSB-20, and PPSB-21		
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	113453
Driller License #:	54735	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	4
Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1/boring		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 4 Bentonite 0.1/boring		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	None		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	4
Lithology:	Fill		

**H38
North
1/4 - 1/2 Mile
Lower**

TX WELLS TXPLU5000111525

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	113454	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	4	Well Report #:	78058
Details Reports For:	Plug Data	Submitted Date:	2006-03-09
Owner Name:	City of Austin	Well #:	PPSB23,25,26,29
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services		
Original Driller:	Cedric Cascio	Original License #:	54735
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2006-01-31
Plug Method:	Unknown	Plug Date:	2006-01-31
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Plugging Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	Not Reported		
Comments:	Zilker Park Landfill Well Report is for four (4) soil borings: PPSB-23, PPSB-25, PPSB-26, and PPSB-29		
Comments:	Not Reported		
Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	4
Details Reports For:	Plug Range	Top Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth:	Not Reported	Plug Seal:	2 - 4 Bentonite 0.1/boring
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1/boring
Amount:	Not Reported	Unit:	Not Reported

H39
North
1/4 - 1/2 Mile
Lower

TX WELLS TXPLU5000111526

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	113455	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	3	Well Report #:	78059

Details Reports For:	Plug Data	Submitted Date:	2006-03-09
Owner Name:	City of Austin	Well #:	PPSB22,24,27,28
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services		
Original Driller:	Cedric Cascio	Original License #:	54735
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2006-01-31
Plug Method:	Unknown	Plug Date:	2006-01-31
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Plugging Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	Not Reported		
Comments:	Zilker Park Landfill Well Report is for four (4) soil borings: PPSB-22, PPSB-24, PPSB-27, and PPSB-28		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	3

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	2 - 3 Bentonite 0.1/boring
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1/boring
Amount:	Not Reported	Unit:	Not Reported

H40
North
1/4 - 1/2 Mile
Lower

TX WELLS TXPLU5000111523

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	113452	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	8	Well Report #:	78056

Details Reports For:	Plug Data	Submitted Date:	2006-03-09
----------------------	-----------	-----------------	------------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner Name:	City of Austin	Well #:	PPSB1:-5,-7:-11
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services		
Original Driller:	Cedric Cascio	Original License #:	54735
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2006-01-31
Plug Method:	Unknown	Plug Date:	2006-01-31
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Pluggger Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	Not Reported		
Comments:	Zilker Park Landfill Well Report is for ten (10) soil borings: PPSB-1, PPSB-2, PPSB-3, PPSB-4, PPSB-5, PPSB-7, PPSB-8, PPSB-9, PPSB-10, and PPSB-11		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	8

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1/boring
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	2 - 8 Bentonite 0.3/boring
Amount:	Not Reported	Unit:	Not Reported

**H41
North
1/4 - 1/2 Mile
Lower**

TX WELLS TXPLU5000111524

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	113453	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	4	Well Report #:	78057

Details Reports For:	Plug Data	Submitted Date:	2006-03-09
Owner Name:	City of Austin	Well #:	PPSB6,-12:-21
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services		
Original Driller:	Cedric Cascio	Original License #:	54735
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2006-01-31
Plug Method:	Unknown	Plug Date:	2006-01-31
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Pluggger Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	Not Reported		
Comments:	Zilker Park Landfill Well Report is for thirteen (13) soil borings: PPSB-6, PPSB-12, PPSB-13, PPSB-13N, PPSB-13S, PPSB-14, PPSB-15, PPSB-16, PPSB-17, PPSB-18, PPSB-19, PPSB-20, and PPSB-21		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	4

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	2 - 4 Bentonite 0.1/boring

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1/boring
Amount:	Not Reported	Unit:	Not Reported

H42
North
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000153710

Database:	Well Report Database	Fid:	153709
Rec id:	153702	Edr site i:	78058
Owner:	City of Austin	Ownerwell:	PPSB23,25,26,29
Address:	P.O. Box 1088, Austin , TX 78767	Grid:	58-42-9
Waddress:	NWC - Mopac Expwy @ Stratford Rd, Austin , TX 73301	County:	Travis
Lat:	30 16 23 N	Elevation:	No Data
Long:	097 46 24 W	Typeofwork:	New Well
Gpsused:	Magellan Explorist	Sdate:	Not Reported
Propuse:	Environmental Soil Boring	Diameter:	2 in From Surface To 4 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Not Reported	Packsiz:	Not Reported
Packedfrom:	Not Reported	Sinterval:	No Data
Finterval:	No Data	Usedmethod:	Not Reported
Tinterval:	No Data	Contaminat:	Not Reported
Cementedby:	Not Reported	Verrimetho:	Not Reported
Propertyli:	Not Reported	Surface:	No Data
Varriance:	Not Reported	Flow:	No Data
Staticleve:	No Data	Cementinwe:	Not Reported
Packers:	No Data	Pumpbowl:	Not Reported
Typepump:	No Data	Yield:	Not Reported
Welltests:	No Data	Stratadept:	No Data
Watertype:	None	Undesirabl:	No Data
Chemicalma:	No Data		
Companynam:	MagnaCore Drilling & Environmental Services		
Companyadd:	906 W. McDermott Dr, #116-313	Ccitystate:	Allen , TX 75013
Licensenum:	54735	Wsignature:	Cedric Cascio
Dsignature:	No Data	Regnum:	No Data
Comments:	Zilker Park Landfill	Site id:	TXDOL2000153710

H43
North
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000153709

Database:	Well Report Database	Fid:	153708
Rec id:	153701	Edr site i:	78059
Owner:	City of Austin	Ownerwell:	PPSB22,24,27,28
Address:	P.O. Box 1088, Austin , TX 78767	Grid:	58-42-9
Waddress:	NWC - Mopac Expwy @ Stratford Rd, Austin , TX 73301	County:	Travis
Lat:	30 16 23 N	Elevation:	No Data
Long:	097 46 24 W	Typeofwork:	New Well
Gpsused:	Magellan Explorist	Sdate:	Not Reported
Propuse:	Environmental Soil Boring	Diameter:	2 in From Surface To 3 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Not Reported	Packsiz:	Not Reported
Packedfrom:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Finterval:	No Data	Sinterval:	No Data
Tinterval:	No Data	Usedmethod:	Not Reported
Cementedby:	Not Reported	Contaminat:	Not Reported
Propertyli:	Not Reported	Verrimetho:	Not Reported
Varriance:	Not Reported	Surface:	No Data
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	None	Stratadep:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	MagnaCore Drilling & Environmental Services		
Companyadd:	906 W. McDermott Dr, #116-313	Ccitystate:	Allen , TX 75013
Licensenum:	54735	Wsignature:	Cedric Cascio
Dsignature:	No Data	Regnum:	No Data
Comments:	Zilker Park Landfill	Site id:	TXDOL2000153709

H44
North
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000153712

Database:	Well Report Database	Fid:	153711
Rec id:	153704	Edr site i:	78056
Owner:	City of Austin	Ownerwell:	PPSB1:-5,-7:-11
Address:	P.O. Box 1088, Austin , TX 78767	Grid:	58-42-9
Waddress:	NWC - Mopac Expwy @ Stratford Rd, Austin , TX 73301	County:	Travis
Lat:	30 16 23 N	Elevation:	No Data
Long:	097 46 24 W	Typeofwork:	New Well
Gpsused:	Magellan Explorist	Sdate:	Not Reported
Propuse:	Environmental Soil Boring	Diameter:	2 in From Surface To 8 ft
Completedd:	Not Reported	Bcompleteio:	Not Reported
Dmethod:	Not Reported	Packsizes:	Not Reported
Packedfrom:	Not Reported	Sinterval:	No Data
Finterval:	No Data	Usedmethod:	Not Reported
Tinterval:	No Data	Contaminat:	Not Reported
Cementedby:	Not Reported	Verrimetho:	Not Reported
Propertyli:	Not Reported	Surface:	No Data
Varriance:	Not Reported	Flow:	No Data
Staticleve:	No Data	Cementinwe:	Not Reported
Packers:	No Data	Pumpbowl:	Not Reported
Typepump:	No Data	Yield:	Not Reported
Welltests:	No Data	Stratadep:	No Data
Watertype:	None	Undesirabl:	No Data
Chemicalma:	No Data		
Companynam:	MagnaCore Drilling & Environmental Services		
Companyadd:	906 W. McDermott Dr, #116-313	Ccitystate:	Allen , TX 75013
Licensenum:	54735	Wsignature:	Cedric Cascio
Dsignature:	No Data	Regnum:	No Data
Comments:	Zilker Park Landfill	Site id:	TXDOL2000153712

H45
North
1/4 - 1/2 Mile
Lower

TX WELLS TXDOL2000153711

Database:	Well Report Database	Fid:	153710
Rec id:	153703	Edr site i:	78057

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	City of Austin	Ownerwell:	PPSB6,-12:-21
Address:	P.O. Box 1088, Austin , TX 78767	Grid:	58-42-9
Waddress:	NWC - Mopac Expwy @ Stratford Rd, Austin , TX 73301		
Lat:	30 16 23 N	County:	Travis
Long:	097 46 24 W	Elevation:	No Data
Gpsused:	Magellan Explorist	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 4 ft
Dmethod:	Not Reported	Bcompleteio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	No Data	Sinterval:	No Data
Tinterval:	No Data	Usedmethod:	Not Reported
Cementedby:	Not Reported	Contaminat:	Not Reported
Propertyli:	Not Reported	Verrimetho:	Not Reported
Varriance:	Not Reported	Surface:	No Data
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	None	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	MagnaCore Drilling & Environmental Services		
Companyadd:	906 W. McDermott Dr, #116-313	Ccitystate:	Allen , TX 75013
Licensenum:	54735	Wsignature:	Cedric Cascio
Dsignature:	No Data	Regnum:	No Data
Comments:	Zilker Park Landfill	Site id:	TXDOL2000153711

**I46
SE
1/4 - 1/2 Mile
Lower**

TX WELLS TXWDB7000091892

Database:	Groundwater Database	Well #:	5842922
Primary Water Use:	Public Supply	Elevation:	432
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Spring		

**J47
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXMON5000028601

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	29545	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	42
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2003-12-16	Owner Name:	American Lebannon Assoc.
Well #:	MW-15	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-11-03	Drill End Date:	2003-11-04
Seal Method:	Other - Pump	Seal Method Desc:	Pump
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Julian Santos	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Jones Environmental Drilling
Driller Name:	Gene Richard Jones Jr		
Comments:	Dominion Environmental Dan Tappmeyer		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	2799	Apprentice Reg #:	wwdapp00001771
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	40	Bottom Depth:	42
Details Reports For:	Well Drilling Method	Drill Method:	Other - HSA
Details Reports For:	Well Completion	Borehole Completion:	Other - 20/40 18Ft to 40Ft
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	16	Annular Seal:	4
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	16
Bottom Depth:	18	Annular Seal:	1 - Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-29 Brown Silty Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	29-Brown Sand, Fine Course		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N PVC Riser 0 - 20 Sch 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N S.S. Screen 20-40 .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J48
WNW
1/4 - 1/2 Mile
Higher

TX WELLS TXMON5000029563

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	30520	Borehole Depth (ft):	40
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2004-01-06	Owner Name:	American Lebannon Assoc.
Well #:	MW-13	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-11-03	Drill End Date:	2003-11-04
Seal Method:	Other - Hand	Seal Method Desc:	Hand
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	JEDI	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	Not Reported	Company Name:	Jones Environmental Drilling Inc
Driller Name:	Gene Richard Jones Jr	Comments:	Dominion Environmental Grid 58-42-9
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	2799	Apprentice Reg #:	wwdapp00001711
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Drilling Method	Drill Method:	Other - HSA
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Completion	Borehole Completion:	Other - 20/40 Sand / Grv Pk 18-40
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	18	Bottom Depth:	40
Size:	Not Reported		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	16	Annular Seal:	2
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	16
Bottom Depth:	18	Annular Seal:	1
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-15Ft Brn Silty Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	15Ft-36Ft H brn silty clay		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	36Ft-38Ft Sand		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	38Ft-40Ft Course Sand		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" N PVC 0-20Ft Sch 40	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" N PVC Screen 20ft-40Ft .010	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

**J49
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXMON5000028600

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	29544	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	42
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2003-12-16	Owner Name:	American Lebannon Assoc.
Well #:	MW-15	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-11-03	Drill End Date:	2003-11-04
Seal Method:	Other - Pump	Seal Method Desc:	Pump
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Julian Santos	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Jones Environmental Drilling
Driller Name:	Gene Richard Jones Jr		
Comments:	Dominion Environmental Dan Tappmeyer		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	2799	Apprentice Reg #:	wwdapp00001771
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	40	Bottom Depth:	42
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Drilling Method	Drill Method:	Other - HSA
Details Reports For:	Well Completion	Borehole Completion:	Other - 20/40 18Ft to 40Ft
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	16	Annular Seal:	4
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	16
Bottom Depth:	18	Annular Seal:	1 - Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-29 Brown Silty Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	29-Brown Sand, Fine Course		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N PVC Riser 0 - 20 Sch 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N S.S. Screen 20-40 .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J50
WNW
1/4 - 1/2 Mile
Higher

TX WELLS TXMON5000028597

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	29541	Borehole Depth (ft):	42
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		
Submitted Date:	2003-12-16	Owner Name:	American Lebannon Assoc.
Well #:	MW-14	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-11-03	Drill End Date:	2003-11-04
Seal Method:	Other - Pump	Seal Method Desc:	Pump
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Julian Santos	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Jones Environmental Drilling
Driller Name:	Gene Richard Jones Jr		
Comments:	Dominion Environmental Dan Tappmeyer		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	2799	Apprentice Reg #:	wwdapp00001771
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	40	Bottom Depth:	42
Details Reports For:	Well Drilling Method	Drill Method:	Other - HSA
Details Reports For:	Well Completion	Borehole Completion:	Other - 20/40 18Ft to 40Ft
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	16	Annular Seal:	4
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	16
Bottom Depth:	18	Annular Seal:	1 - Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-29 Brown Silty Clay		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	29-Brown Sand, Fine Course		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N PVC Riser 0 - 20 Sch 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N S.S. Screen 20-40 .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**J51
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXDOL2000042254

Database:	Well Report Database	Fid:	42253
Rec id:	42251	Edr site i:	29453
Owner:	Naval Air Sys-Com HQ	Ownerwell:	DWP10DW16
Address:	22145 Arnold Circle Bldg 404, Pataxert ,MD20670		
Grid:	58-42-9	Waddress:	9314 West Jefferson St, Dallas , TX 75211
Lat:	30 16 10 N	County:	Dallas
Long:	097 46 49 W	Elevation:	No Data
Gpsused:	No Data	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	12 in From Surface To 54 ft
Dmethod:	Not Reported	Bcompleteio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 0 ft to 29 ft with 10 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	Pump	Cementedby:	Eric Jones
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	32 ft. below land surface on 10/12/2003
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No
Undesirabl:	No	Companynam:	Jones Environmental Drilling Inc
Companyadd:	806 N. Main St	Ccitystate:	Cibolo , TX 78108
Licensenum:	2799	Wsignature:	Eric Jones
Dsignature:	No Data	Regnum:	No Data
Comments:	Ensafe Dallas, Texas	Site id:	TXDOL2000042254

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J52
WNW
1/4 - 1/2 Mile
Higher

TX WELLS TXDOL2000042255

Database:	Well Report Database	Fid:	42254
Rec id:	42252	Edr site i:	29452
Owner:	Naval Air Sys-Com HQ	Ownerwell:	DWP10DW16
Address:	22145 Arnold Circle Bldg 404, Pataxert ,MD20670		
Grid:	58-42-9	Waddress:	9314 West Jefferson St, Dallas , TX 75211
Lat:	30 16 10 N	County:	Dallas
Long:	097 46 49 W	Elevation:	No Data
Gpsused:	No Data	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	12 in From Surface To 54 ft
Dmethod:	Not Reported	Bcompleto:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 29 ft with 10 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	Pump	Cementedby:	Eric Jones
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	32 ft. below land surface on 10/12/2003
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No
Undesirabl:	No	Companynam:	Jones Environmental Drilling Inc
Companyadd:	806 N. Main St	Ccitystate:	Cibolo , TX 78108
Licensenum:	2799	Wsignature:	Eric Jones
Dsignature:	No Data	Regnum:	No Data
Comments:	Ensafe Dallas, Texas	Site id:	TXDOL2000042255

J53
WNW
1/4 - 1/2 Mile
Higher

TX WELLS TXDOL2000042252

Database:	Well Report Database	Fid:	42251
Rec id:	42249	Edr site i:	29457
Owner:	Naval Air Sys-Com HQ	Ownerwell:	DWP10DW21
Address:	22145 Arnold Circle Bldg 404, Pataxert ,MD20670		
Grid:	58-42-9	Waddress:	9314 West Jefferson St, Dallas , TX 75211
Lat:	30 16 10 N	County:	Dallas
Long:	097 46 49 W	Elevation:	No Data
Gpsused:	No Data	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 54 ft
Dmethod:	Not Reported	Bcompleto:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 29 ft with 4 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	Pump	Cementedby:	Eric Jones
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	32 ft. below land surface on 10/11/2003
Flow:	No Data	Packers:	N/A

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadep:	No Data	Chemicalma:	No
Undesirabl:	No	Companynam:	Jones Environmental Drilling Inc
Companyadd:	806 N. Main St	Ccystate:	Cibolo , TX 78108
Licensenum:	2799	Wsignature:	Eric Jones
Dsignature:	No Data	Regnum:	No Data
Comments:	Ensafe Dallas, Texas	Site id:	TXDOL2000042252

**J54
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXDOL2000042253

Database:	Well Report Database	Fid:	42252
Rec id:	42250	Edr site i:	29456
Owner:	Naval Air Sys-Com HQ	Ownerwell:	DWP10DW21
Address:	22145 Arnold Circle Bldg 404, Pataxert ,MD20670		
Grid:	58-42-9	Waddress:	9314 West Jefferson St, Dallas , TX 75211
Lat:	30 16 10 N	County:	Dallas
Long:	097 46 49 W	Elevation:	No Data
Gpsused:	No Data	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 54 ft
Dmethod:	Not Reported	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 0 ft to 29 ft with 4 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	Pump	Cementedby:	Eric Jones
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	32 ft. below land surface on 10/11/2003
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadep:	No Data	Chemicalma:	No
Undesirabl:	No	Companynam:	Jones Environmental Drilling Inc
Companyadd:	806 N. Main St	Ccystate:	Cibolo , TX 78108
Licensenum:	2799	Wsignature:	Eric Jones
Dsignature:	No Data	Regnum:	No Data
Comments:	Ensafe Dallas, Texas	Site id:	TXDOL2000042253

**J55
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXDOL2000042256

Database:	Well Report Database	Fid:	42255
Rec id:	42253	Edr site i:	29450
Owner:	Naval Air Sys-Com HQ	Ownerwell:	DWP10DW15
Address:	22145 Arnold Circle Bldg 404, Pataxert ,MD20670		
Grid:	58-42-9	Waddress:	9314 West Jefferson St, Dallas , TX 75211
Lat:	30 16 10 N	County:	Dallas
Long:	097 46 49 W	Elevation:	No Data
Gpsused:	No Data	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Completedd:	Not Reported	Diameter:	12 in From Surface To 54 ft
Dmethod:	Not Reported	Bcompleteio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 29 ft with 10 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	Pump	Cementedby:	Eric Jones
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	32 ft. below land surface on 10/12/2003
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No
Undesirabl:	No	Companynam:	Jones Environmental Drilling Inc
Companyadd:	806 N. Main St	Ccitystate:	Cibolo , TX 78108
Licensenum:	2799	Wsignature:	Eric Jones
Dsignature:	No Data	Regnum:	No Data
Comments:	Ensafe Dallas, Texas	Site id:	TXDOL2000042256

**J56
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXDOL2000154490

Database:	Well Report Database	Fid:	154489
Rec id:	154485	Edr site i:	29544
Owner:	American Lebannon Assoc.	Ownerwell:	MW-15
Address:	602 West 13th St, Austin , TX 78701	Grid:	58-42-9
Waddress:	1701 Toomy Road, Austin , TX 75201	Lat:	30 16 10 N
County:	Travis	Long:	097 46 49 W
Elevation:	No Data	Gpsused:	No Data
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	Not Reported	Completedd:	Not Reported
Diameter:	8 in From Surface To 40 ft	Dmethod:	Not Reported
Bcompleteio:	Not Reported	Packedfrom:	Not Reported
Packsiz:	Not Reported		
Finterval:	From 0 ft to 16 ft with 4 (#sacks and material)		
Sinterval:	From 16 ft to 18 ft with 1 - Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Pump
Cementedby:	Julian Santos	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Jones Environmental Drilling	Companyadd:	806 N. Main St
Ccitystate:	Cibolo , TX 78108	Licensenum:	2799
Wsignature:	Ric Jones	Dsignature:	Julian Santos
Regnum:	wwdapp00001771	Comments:	Dominion Environmental
Site id:	TXDOL2000154490		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J57
WNW
1/4 - 1/2 Mile
Higher

TX WELLS TXDOL2000154491

Database:	Well Report Database	Fid:	154490
Rec id:	154486	Edr site i:	29541
Owner:	American Lebannon Assoc.	Ownerwell:	MW-14
Address:	602 West 13th St, Austin , TX 78701	Grid:	58-42-9
Waddress:	1701 Toomy Road, Austin , TX 75201	Lat:	30 16 10 N
County:	Travis	Long:	097 46 49 W
Elevation:	No Data	Gpsused:	No Data
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	Not Reported	Completedd:	Not Reported
Diameter:	8 in From Surface To 40 ft	Dmethod:	Not Reported
Bcompleteio:	Not Reported	Packedfrom:	Not Reported
Packsizes:	Not Reported		
Finterval:	From 0 ft to 16 ft with 4 (#sacks and material)		
Sinterval:	From 16 ft to 18 ft with 1 - Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Pump
Cementedby:	Julian Santos	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Jones Environmental Drilling	Companyadd:	806 N. Main St
Ccitystate:	Cibolo , TX 78108	Licensenum:	2799
Wsignature:	Ric Jones	Dsignature:	Julian Santos
Regnum:	wwdapp00001771	Comments:	Dominion Environmental
Site id:	TXDOL2000154491		

J58
WNW
1/4 - 1/2 Mile
Higher

TX WELLS TXDOL2000154478

Database:	Well Report Database	Fid:	154477
Rec id:	154473	Edr site i:	30520
Owner:	American Lebannon Assoc.	Ownerwell:	MW-13
Address:	602 West 13th St, Austin , TX 78701	Grid:	58-42-9
Waddress:	1701 Toomy Road, Austin , TX 75201	Lat:	30 16 10 N
County:	Travis	Long:	097 46 49 W
Elevation:	No Data	Gpsused:	No Data
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	Not Reported	Completedd:	Not Reported
Diameter:	8 in From Surface To 40 ft	Dmethod:	Not Reported
Bcompleteio:	Not Reported	Packedfrom:	18 ft to 40 ft
Packsizes:	Not Reported		
Finterval:	From 0 ft to 16 ft with 2 (#sacks and material)		
Sinterval:	From 16 ft to 18 ft with 1 (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand
Cementedby:	JEDI	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No Data
Companynam:	Jones Environmental Drilling Inc	Companyadd:	806 N. Main St
Ccitystate:	Cibolo , TX 78108	Licensenum:	2799
Wsignature:	G. Ric Jones	Dsignature:	Julian Santos
Regnum:	wwdapp00001711	Comments:	Dominion Environmental
Site id:	TXDOL2000154478		

**J59
WNW
1/4 - 1/2 Mile
Higher**

TX WELLS TXDOL2000154489

Database:	Well Report Database	Fid:	154488
Rec id:	154484	Edr site i:	29545
Owner:	American Lebannon Assoc.	Ownerwell:	MW-15
Address:	602 West 13th St, Austin , TX 78701	Grid:	58-42-9
Waddress:	1701 Toomy Road, Austin , TX 75201	Lat:	30 16 10 N
County:	Travis	Long:	097 46 49 W
Elevation:	No Data	Gpsused:	No Data
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	Not Reported	Completedd:	Not Reported
Diameter:	8 in From Surface To 40 ft	Dmethod:	Not Reported
Bcompleteio:	Not Reported	Packedfrom:	Not Reported
Packsize:	Not Reported		
Finterval:	From 0 ft to 16 ft with 4 (#sacks and material)		
Sinterval:	From 16 ft to 18 ft with 1 - Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Pump
Cementedby:	Julian Santos	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Jones Environmental Drilling	Companyadd:	806 N. Main St
Ccitystate:	Cibolo , TX 78108	Licensenum:	2799
Wsignature:	Ric Jones	Dsignature:	Julian Santos
Regnum:	wwdapp00001771	Comments:	Dominion Environmental
Site id:	TXDOL2000154489		

**I60
SE
1/4 - 1/2 Mile
Lower**

TX WELLS TXWDB7000091899

Database:	Groundwater Database	Well #:	5842930
Primary Water Use:	Not Reported	Elevation:	466
Well Depth:	0	Observation Type:	None
Water Quality Review:	N	Aquifer:	-
Well Type:	Withdrawal of Water		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K61
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000154333

Database:	Well Report Database	Fid:	154332
Rec id:	154326	Edr site i:	40938
Owner:	City of Austin	Ownerwell:	BC7
Address:	City of Austin, Austin , TX 78704	Grid:	58-42-9
Waddress:	Zilker Park, Austin, TX , TX 78704	Lat:	30 15 58 N
County:	Travis	Long:	097 45 53 W
Elevation:	No Data	Gpsused:	Garmin
Typeofwork:	New Well	Propuse:	Monitor
Sdate:	Not Reported	Completedd:	Not Reported
Diameter:	9 in From Surface To 49 ft	Dmethod:	Hollow Stem Auger
Bcompleteio:	Not Reported	Packedfrom:	46.5 ft to 36.5 ft
Packsizes:	10-20		
Finterval:	From 10 ft to 2 ft with 3 Grout (#sacks and material)		
Sinterval:	From 2 ft to 0 ft with Concrete (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Mixer Mixed
Cementedby:	Drill Crew	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	34.5 ft. below land surface on 7/15/2004		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Fresh
Stratadept:	34.5 ft.	Chemicalma:	No
Undesirabl:	No	Companynam:	Cutting Edge Core Drilling
Companyadd:	1985 FM 969	Ccitystate:	Elgin , TX 78621
Licensenum:	54881	Wsignature:	Tom Placek
Dsignature:	No Data	Regnum:	No Data
Comments:	Well design was with objections from driller installing.		
Site id:	TXDOL2000154333		

K62
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000039909

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	40938	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	49
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2004-07-17	Owner Name:	City of Austin
Well #:	BC7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2004-06-23	Drill End Date:	2004-06-24
Seal Method:	Other - Mixer Mixed	Seal Method Desc:	Mixer Mixed
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Cutting Edge Core Drilling
Driller Name:	Thomas S Placek		
Comments:	Well design was with objections from driller installing.		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54881	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	9
Top Depth:	0	Bottom Depth:	49
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Other - Natural Gravel Pack
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	37	Bottom Depth:	47
Size:	10-20		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	34.5
Measurement Date:	2004-07-15	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Strata	Migrated Strata Depth:	34.5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	34
Lithology:	Redish Brown Sandy Silts		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	34	Bottom Depth:	38
Lithology:	Tan Sand w/ gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	38	Bottom Depth:	48
Lithology:	Dark gray or Brown Clay		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	48	Bottom Depth:	49
Lithology:	Gray Limestone		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC 46.5/36.5 .010	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC 36.5/surface Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

63
West
1/2 - 1 Mile
Higher

TX WELLS TXWDB7000091884

Database:	Groundwater Database	Well #:	5842913
Primary Water Use:	Public Supply	Elevation:	532
Well Depth:	180	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

L64
West
1/2 - 1 Mile
Lower

FED USGS USGS40001170114

Organization ID:	USGS-TX	Organization Name:	USGS Texas Water Science Center
Monitor Location:	YD-58-42-913	Type:	Well
Description:	Not Reported	HUC:	12090205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Edwards-Trinity aquifer system		
Formation Type:	Edwards and Associated Limestones		
Aquifer Type:	Not Reported	Construction Date:	1969
Well Depth:	180	Well Depth Units:	ft
Well Hole Depth:	180	Well Hole Depth Units:	ft

L65
West
1/2 - 1 Mile
Higher

TX WELLS TXEQ60000022127

Database:	Public Water Supply Sources Databases	Water Source:	G2270205A
PWS ID:	2270205	Elevation:	544
Locating Agency:	TCEQ		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

M66
NW
1/2 - 1 Mile
Higher

TX WELLS TXMON5000390736

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	396472	Borehole Depth (ft):	1060
Proposed Use:	Irrigation	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		
Submitted Date:	2015-06-04	Owner Name:	Roy Seiders
Well #:	Not Reported	# Wells Drilled:	Not Reported
Elevation:	625	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Irrigation	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2015-03-30	Drill End Date:	2015-05-08
Seal Method:	Other - Pos. Displacement	Seal Method Desc:	Pos. Displacement
Dist to Septic/Other Contam:	50	Distance to Septic Tank:	Not Reported
Dist to Property Line:	20	Distance Verify Meth:	Measured
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Pitless Adapter Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Submersible	Pump Type Desc:	Not Reported
Pump Depth:	400.00	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Whisenant & Lyle Water Services
Driller Name:	Brice Bormann		
Comments:	Additional Annular Seal Data: 140' to 0' Cement 6 yards		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54855	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	9.875
Top Depth:	0	Bottom Depth:	1100
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Straight Wall
Details Reports For:	Well Seal Range	Top Depth:	140
Bottom Depth:	920	Annular Seal:	263 cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	920
Bottom Depth:	960	Annular Seal:	Sand
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	960
Bottom Depth:	980	Annular Seal:	44 cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	50
Measurement Date:	2015-05-08	Artesian Flow:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	Shale Packer/6MIL Poly 990		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	2
Packers:	Shale Packer/6MIL Poly 988		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	3
Packers:	Shale Packer/6MIL Poly 985		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	4
Packers:	Shale Packer/6MIL Poly 980		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	Shale Packer/6MIL Poly 990		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	2
Packers:	Shale Packer/6MIL Poly 988		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	3
Packers:	Shale Packer/6MIL Poly 985		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	4
Packers:	Shale Packer/6MIL Poly 980		
Depth:	Not Reported		
Details Reports For:	Well Test	Test Type:	Unknown
Yield:	35	Drawdown:	250
Hours:	Not Reported		
Details Reports For:	Well Strata	Migrated Strata Depth:	1000/1060
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Good		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0 to 2 Topsoil		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	2-42 Tan Limestone		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	42-51 Gray Limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	51-85 Tan limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	85-105 Cave		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	Lost returns Geo Cam log		
Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-400 Edwards		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	400-900 Upper Glen Rose		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	900-950 Lower Glen Rose		
Details Reports For:	Well Lithology	Migrated Sort #:	10
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	950-1000 Bear Shale		
Details Reports For:	Well Lithology	Migrated Sort #:	11
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	1000-1060 Cow Creek		
Details Reports For:	Well Lithology	Migrated Sort #:	12
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	1060 Hammet		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	5 New PVC SDR 17 0-1000	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	5 New PVC SDR Slotted 1000-1060 .032		
Diameter:	Not Reported	Casing Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

N67
North
1/2 - 1 Mile
Lower

TX WELLS TXWDB7000091877

Database:	Groundwater Database	Well #:	5842906
Primary Water Use:	Public Supply	Elevation:	450
Well Depth:	26	Observation Type:	Miscellaneous Measurements
Water Quality Review:	N	Aquifer:	100ALVM - Alluvium
Well Type:	Withdrawal of Water		

N68
North
1/2 - 1 Mile
Lower

TX WELLS TXWDB7000091902

Database:	Groundwater Database	Well #:	5842933
Primary Water Use:	Recreation	Elevation:	454
Well Depth:	298	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Withdrawal of Water		

N69
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000293748

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	297850	Well Type:	New Well
Proposed Use:	Domestic	Borehole Depth (ft):	298
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2012-09-07		
Owner Name:	City of Austin parks and Recreation Dept	# Wells Drilled:	Not Reported
Well #:	WW4	Type of Work:	New Well
Elevation:	453	Original Well Rpt Track #:	Not Reported
Work Type Desc:	Not Reported	Proposed Use Desc:	Not Reported
Proposed Use:	Domestic	PWS #:	Not Reported
TCEQ Approved Plans:	Not Reported	Drill End Date:	2012-07-31
Drill Start Date:	2012-05-29	Seal Method Desc:	Not Reported
Seal Method:	Tremie	Distance to Septic Tank:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance Verify Meth:	Visual
Dist to Property Line:	+100	Sealed by Driller:	Yes
Approved by Variance:	Not Reported	Surface Completion:	Surface Sleeve Installed
Sealed by Name:	Not Reported	Completed by Driller:	Not Reported
Surf Complete Desc:	Not Reported	Pump Type Desc:	Not Reported
Pump Type:	Submersible	Chemical Analysis:	No
Pump Depth:	273.00	Company Name:	Geoprojects international, inc.
Injurious Water:	No	Comments:	Not Reported
Driller Name:	Evan Schaefer	Plugging Rpt Tracking #:	Not Reported
Plugged within 48 hrs:	No		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller License #:	58772	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	14.75
Top Depth:	0	Bottom Depth:	27
Details Reports For:	Well Bore Hole	Diameter:	9.875
Top Depth:	27	Bottom Depth:	300
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	27	Annular Seal:	17-Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	19
Measurement Date:	2012-05-31	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Test	Test Type:	Pump
Yield:	300	Drawdown:	90
Hours:	8		
Details Reports For:	Well Strata	Migrated Strata Depth:	24.5 to 298
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	15
Lithology:	Sandy Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	15	Bottom Depth:	25
Lithology:	Gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	25	Bottom Depth:	26
Lithology:	Limestone, White, Edwards Formation		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	26	Bottom Depth:	64
Lithology:	Limestone, White, Vuggy, Edwards Formation		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	64	Bottom Depth:	72
Lithology:	Limestone, White, Vuggy, Soft, Edwards Formation		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	72	Bottom Depth:	300
Lithology:	Limestone, White, Yellow and Gray, Edwards Formation		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	10-3/4 New Steel Casing, 0.25 wall set from +3 to 26.5 feet		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

L70
West
1/2 - 1 Mile
Higher

TX WELLS TXWDB7000091882

Database:	Groundwater Database	Well #:	5842911
Primary Water Use:	Domestic	Elevation:	584
Well Depth:	135	Observation Type:	Historical Observation Well
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

71
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000024937

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	85150	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2012-12-12
Owner Name:	Rampart Construction / M.Cross	# Wells Plugged:	Not Reported
Well #:	Not Reported	Original Company Name:	Not Reported
Elevation:	Not Reported	Original License #:	Not Reported
Original Driller:	n/a	Original Drill Date:	Not Reported
Original Well Use:	Monitor		
Plug Method:	Tremmie pipe cement from bottom to top		
Plug Date:	2012-12-12	Variance #:	Not Reported
Company Name:	Associated Drilling Inc.	Plugging Name:	James Benoit
Driller License:	4064	Apprentice Reg #:	Not Reported
Comments:	Monitor Well	Comments:	Not Reported

Details Reports For:	Plug Casing	Top Depth:	4
Bottom Depth:	42	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	42	Plug Seal:	4
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M72
NW
1/2 - 1 Mile
Higher

TX WELLS TXWDB7000139199

Database:	Groundwater Database	Well #:	5842937
Primary Water Use:	Irrigation	Elevation:	574
Well Depth:	1060	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y	Aquifer:	218CCRK - Cow Creek Limestone
Well Type:	Withdrawal of Water		

N73
North
1/2 - 1 Mile
Lower

TX WELLS TXWDB7000091901

Database:	Groundwater Database	Well #:	5842932
Primary Water Use:	Recreation	Elevation:	448
Well Depth:	60	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Withdrawal of Water		

N74
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000219986

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	223129	Well Type:	New Well
Proposed Use:	Domestic	Borehole Depth (ft):	59.5
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2010-07-14		
Owner Name:	City of Austin Parks and Recreation Dep.		
Well #:	WW3	# Wells Drilled:	Not Reported
Elevation:	412	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Domestic	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2010-03-18	Drill End Date:	2010-04-14
Seal Method:	Tremie	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	n/a	Distance to Septic Tank:	Not Reported
Dist to Property Line:	+100-ft	Distance Verify Meth:	visual
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Geoprojects	Surface Completion:	Surface Sleeve Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Submersible	Pump Type Desc:	Not Reported
Pump Depth:	41.00	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Geoprojects International, Inc.
Driller Name:	Jose S Landeros		
Comments:	Open Hole filled with naturally occurring very fine sand sediments in the Edwards Formation from 59.5' to 45.3'		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	2551	Apprentice Reg #:	57623

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	14.75 15
Details Reports For: Top Depth:	Well Bore Hole 15	Diameter: Bottom Depth:	12.75 26
Details Reports For: Top Depth:	Well Bore Hole 26	Diameter: Bottom Depth:	9.875 60
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For: Bottom Depth: Amount:	Well Seal Range 26 Not Reported	Top Depth: Annular Seal: Unit:	0 16-Cement Not Reported
Details Reports For: Measurement Date: Measurement Method:	Well Levels 2010-04-07 Unknown	Measurement: Artesian Flow:	16 Not Reported
Details Reports For: Yield: Hours:	Well Test 400 24	Test Type: Drawdown:	Pump 2
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Fresh	Migrated Strata Depth: Bottom Depth:	23.5 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Alluvium	Migrated Sort #: Bottom Depth:	0 24
Details Reports For: Top Depth: Lithology:	Well Lithology 24 Edwards Formation, highly fractured, large cave at 45 feet, with large volume fine sand present	Migrated Sort #: Bottom Depth:	0 60
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 10 3/4 New Steel Casing, 0.25 wall set from +3 to 25.5 feet Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

N75
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000270576

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	274369	Borehole Depth (ft):	250
Proposed Use:	Irrigation	Plugging Rpt #:	78889
Injurious Water Quality:	no		
Submitted Date:	2011-12-18	Owner Name:	American Legion #76
Well #:	#1	# Wells Drilled:	Not Reported
Elevation:	482	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Irrigation	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2011-10-05	Drill End Date:	2011-10-07
Seal Method:	Other - Slurry and poured	Seal Method Desc:	Slurry and poured
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	15	Distance Verify Meth:	Tape - wheel
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Pitless Adapter Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Bee Cave Drilling
Driller Name:	Charles Coffindaffer	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	78889
Driller License #:	58658	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	10	Bottom Depth:	60
Details Reports For:	Well Bore Hole	Diameter:	5.75
Top Depth:	60	Bottom Depth:	250
Details Reports For:	Well Bore Hole	Diameter:	10
Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Drilling Method	Drill Method:	Air Hammer
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For:	Well Seal Range	Top Depth:	1
Bottom Depth:	60	Annular Seal:	4 / Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	Neoprene 60'	Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Test	Test Type:	Jetted
Yield:	Not Reported	Drawdown:	Not Reported
Hours:	Not Reported		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0 to 2 Topsoil		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	2 to 8 Caliche		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	8 to 60 Grey limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	60 to 250 Voids and caverens-no		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	recovery		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	6.0 New Plastic 0 to 60'	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

N76
North
1/2 - 1 Mile
Lower

TX WELLS TXWDB7000091903

Database:	Groundwater Database	Well #:	5842934
Primary Water Use:	Irrigation	Elevation:	483
Well Depth:	120	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Withdrawal of Water		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

N77
North
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000029972

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	78889	Well Type:	Withdrawal of Water
Borehole Depth (ft):	250	Well Report #:	274369

Details Reports For:	Plug Data	Submitted Date:	2011-12-18
Owner Name:	American Legion #76	Well #:	#1
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Charles Coffindaffer
Original License #:	58658	Original Well Use:	Withdrawal of Water
Original Drill Date:	2011-10-05		
Plug Method:	Tremmie pipe cement from bottom to top		
Plug Date:	2011-10-08	Variance #:	Not Reported
Company Name:	Bee Cave Drilling	Plugging Name:	Charles Coffindaffer
Driller License:	58658	Apprentice Reg #:	Not Reported
Comments:	Well collapsed to bottom of casing		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	6
Top Depth:	Not Reported	Bottom Depth:	250

Details Reports For:	Plug Casing	Top Depth:	2
Bottom Depth:	60	Diameter:	6

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	60	Plug Seal:	10
Amount:	Not Reported	Unit:	Not Reported

N78
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000270577

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	274370	Well Type:	New Well
Proposed Use:	Irrigation	Borehole Depth (ft):	120
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2011-12-18	Owner Name:	American Legion #76
Well #:	#1	# Wells Drilled:	Not Reported
Elevation:	482	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Irrigation	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2011-10-10	Drill End Date:	2011-10-11
Seal Method:	Other - Trimmie pipe - Slurry and poured		
Seal Method Desc:	Trimmie pipe - Slurry and poured		
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	15	Distance Verify Meth:	Tape - wheel

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Pitless Adapter Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Bee Cave Drilling
Driller Name:	Charles Coffindaffer	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	58658	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	10
Top Depth:	0	Bottom Depth:	80
Details Reports For:	Well Bore Hole	Diameter:	6.75
Top Depth:	80	Bottom Depth:	120
Details Reports For:	Well Drilling Method	Drill Method:	Air Hammer
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For:	Well Seal Range	Top Depth:	1
Bottom Depth:	80	Annular Seal:	7 / Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	Neoprene 80'	Depth:	Not Reported
Details Reports For:	Well Test	Test Type:	Jetted
Yield:	Not Reported	Drawdown:	Not Reported
Hours:	Not Reported		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0 to 2 Topsoil		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	2 to 8 Caliche		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	8 to 80 Grey limestone-very little		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	recovery		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	80 to 120 Voids and caverens-no		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	recovery		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	8.0 New Steel 0 to 80'	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5 New Plastic 0 to 80'	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5 New Screen , Mfg. 80' to 120' .050	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

**N79
North
1/2 - 1 Mile
Lower**

TX WELLS TXWDB7000091876

Database:	Groundwater Database	Well #:	5842905
Primary Water Use:	Public Supply	Elevation:	450
Well Depth:	25	Observation Type:	Miscellaneous Measurements
Water Quality Review:	N	Aquifer:	100ALVM - Alluvium
Well Type:	Withdrawal of Water		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

80
WNW
1/2 - 1 Mile
Higher

TX WELLS TXMON5000278698

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	282596	Borehole Depth (ft):	180
Proposed Use:	Closed-Loop Geothermal	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2012-04-02	Owner Name:	Robert Turner
Well #:	8	# Wells Drilled:	Not Reported
Elevation:	610	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Closed-Loop Geothermal	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2012-03-26	Drill End Date:	2012-04-02
Seal Method:	Other - Trimmy Pipe	Seal Method Desc:	Trimmy Pipe
Dist to Septic/Other Contam:	N/A	Distance to Septic Tank:	Not Reported
Dist to Property Line:	12	Distance Verify Meth:	Tape Measure
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Zavala Drilling	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Zavala Drilling, CO
Driller Name:	Raul Zavala	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54363	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4.25
Top Depth:	0	Bottom Depth:	180
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Other - 0-180 BH 20 Grout
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	180	Annular Seal:	8 BH 20
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	2
Lithology:	Top Soil		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	2	Bottom Depth:	5
Lithology:	Yellow Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	10
Lithology:	White Rock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	10	Bottom Depth:	32
Lithology:	Yellow Rock		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	32	Bottom Depth:	40
Lithology:	Yellow Clay mixed with Gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	40	Bottom Depth:	48
Lithology:	White Rock		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	48	Bottom Depth:	68
Lithology:	Yellow Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	68	Bottom Depth:	75
Lithology:	Gray Shale		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	75	Bottom Depth:	100
Lithology:	Yellow Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	100	Bottom Depth:	120
Lithology:	Red Clay mixed with Gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	120	Bottom Depth:	170
Lithology:	White Rock		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	170	Bottom Depth:	180
Lithology:	Yellow Clay mixed with Gravel		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	1" New 3408 Polyethylene Pipe 0-180		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**O81
North
1/2 - 1 Mile
Lower**

TX WELLS TXWDB7000091875

Database:	Groundwater Database	Well #:	5842904
Primary Water Use:	Recreation	Elevation:	450
Well Depth:	24	Observation Type:	Miscellaneous Measurements

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Quality Review:	Y	Aquifer:	100ALVM - Alluvium
Well Type:	Withdrawal of Water		

**82
NNW
1/2 - 1 Mile
Lower**

TX WELLS TXWDB7000091872

Database:	Groundwater Database	Well #:	5842900
Primary Water Use:	Not Reported	Elevation:	443
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y		
Aquifer:	NOT-APPL - Aquifer Code Is Not Applicable to this Well		
Well Type:	Withdrawal of Water		

**83
NW
1/2 - 1 Mile
Higher**

TX WELLS TXWDB7000091873

Database:	Groundwater Database	Well #:	5842901
Primary Water Use:	Unused	Elevation:	525
Well Depth:	244	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

**P84
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000109900

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111658	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-6	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	4 10
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For: Bottom Depth: Amount:	Well Seal Range 2 Not Reported	Top Depth: Annular Seal: Unit:	0 1 Concrete Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 10 Not Reported	Top Depth: Annular Seal: Unit:	2 3 Bentonite Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-6" Asphalt	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 6"-5 Silty clay with some small gravel gray slightly moist	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 5-8 Silty clay with limestone fragments brown slightly moist	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 8-10 Limestone, tan slightly moist	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Casing Status: Casing Type: Gauge:	Well Casing Not Reported N/A Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Diameter: Casing Material: Schedule:	1 Not Reported Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P85
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000109901

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	111659	Borehole Depth (ft):	10
Proposed Use:	Environmental Soil Boring	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-8	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	9
Lithology:	Siltyclay with large to small gravel at ground surface brown to gray dry to slightly moist		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9	Bottom Depth:	10
Lithology:	Limestone tan slightly moist		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**P86
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000109905

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111663	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-11	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	10

Details Reports For:	Well Drilling Method	Drill Method:	Bored
----------------------	----------------------	---------------	-------

Details Reports For:	Well Completion	Borehole Completion:	Plugged
----------------------	-----------------	----------------------	---------

Details Reports For:	Well Seal Range	Top Depth:	0
----------------------	-----------------	------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	Silty sand and gravel tan dry		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	7
Lithology:	Silty grain sand with some small gravel gray slightly moist		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	7	Bottom Depth:	10
Lithology:	Limestone tan slightly moist		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**P87
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000109899

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111657	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-5	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-6" Asphalt		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	6"-10 Silty clay with some small gravel tan to grayish brown slightly moist to moist with depth low plasticity		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P88
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000109896

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	111654	Borehole Depth (ft):	10
Proposed Use:	Environmental Soil Boring	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-6" Asphalt		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	6"-2.5 Fill material gray silty clay with coarse gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	2.5-7 Silty clay dark gray becoming brown at 6.5 moist low plasticity		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	7-10 Limestone tan hard		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

P89
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000109897

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111655	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-6" Asphalt		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	6"-10 Silty clay dark gray becoming at 7.5 slightly moist low plasticity		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**P90
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000109898

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111656	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	10

Details Reports For:	Well Drilling Method	Drill Method:	Bored
----------------------	----------------------	---------------	-------

Details Reports For:	Well Completion	Borehole Completion:	Plugged
----------------------	-----------------	----------------------	---------

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported

Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	10
Lithology:	Silty sand and gravel with clay tan dry clay content increasing with depth		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P91
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000109908

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	111666	Borehole Depth (ft):	17
Proposed Use:	Environmental Soil Boring	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	17
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	17	Annular Seal:	5 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-6" Asphalt		

Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	6"-12.5 Silty clay gray slightly moist becoming moist at 10		

Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	12.5-17 Silty clay brown with small gravel moist low plasticity		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**P92
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000133616

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	135795	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	25
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-03-03	Owner Name:	The Domain
Well #:	B-13/MW-1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-02-20	Drill End Date:	2008-02-20
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling, Inc.	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling Inc.
Driller Name:	John E Talbot	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	57214

Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	25

Details Reports For:	Well Drilling Method	Drill Method:	Bored
----------------------	----------------------	---------------	-------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	3	Bottom Depth:	25
Size:	12/20		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	.5 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	3	Annular Seal:	.25 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	14.220000000000001
Measurement Date:	2008-02-20	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Strata	Migrated Strata Depth:	14.22
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non-Potable		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	5
Lithology:	Silty sand gravel tan dry		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	24
Lithology:	Weathered limestone tan sl moist hard		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	24	Bottom Depth:	25
Lithology:	Clay gray wet low plasticity		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Schedule 40 PVC .010 25 - 5 Screen	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Migrated Casing Info:	2 New Schedule 40 PVC 5 - 0 Riser	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

P93
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000357666

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	362561	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	146103
Submitted Date:	2014-05-14	Owner Name:	THE DOMAIN
Well #:	T1 - T10	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2014-05-05	Drill End Date:	2014-05-05
Seal Method:	Other - HAND	Seal Method Desc:	HAND
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING
Driller Name:	William A Clayton		
Comments:	THIS WELL LOG REPRESENTS DRILLING OF TEN (10) IDENTICAL WELLS. T1 - T10		
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	146103
Driller License #:	53420	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	3
Top Depth:	0	Bottom Depth:	10

Details Reports For:	Well Drilling Method	Drill Method:	Driven
----------------------	----------------------	---------------	--------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	1 BENTONITE
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 CEMENT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	0 CASING LEFT IN WELL 2 - 10 BENTONITE		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	0 - 2 CONCRETE		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	1
Lithology:	ASPHALT/BASE MATERIALS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	5
Lithology:	TAN TO BROWN SILTY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	10
Lithology:	TAN LIMESTONE		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	1 NEW SCH 40 PVC .010 10-5 SCREEN		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	1 NEW SCH 40 PVC 5-0 RISER		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P94
NE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000144073

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	146103	Well Type:	Monitor
Borehole Depth (ft):	10	Well Report #:	362561
Details Reports For:	Plug Data	Submitted Date:	2014-05-14
Owner Name:	THE DOMAIN	Well #:	T1 - T10
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	VORTEX DRILLING	Original Driller:	William A Clayton
Original License #:	53420	Original Well Use:	Monitor
Original Drill Date:	2014-05-05	Plug Method:	Unknown
Plug Date:	2014-05-05	Variance #:	Not Reported
Company Name:	VORTEX DRILLING	Plugging Name:	WILLIAM CLAYTON
Driller License:	53420	Apprentice Reg #:	Not Reported
Comments:	THIS WELL LOG REPRESENTS DRILLING OF TEN (10) IDENTICAL WELLS. T1 - T10		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	3
Top Depth:	0	Bottom Depth:	10

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	0 - 2 CONCRETE
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported		
Plug Seal:	0 CASING LEFT IN WELL 2 - 10 BENTONITE		
Amount:	Not Reported	Unit:	Not Reported

P95
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000109916

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111674	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	15
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-12	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	15
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	15	Annular Seal:	4 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	7.5
Lithology:	Silty sand and gravel tan dry		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	7.5	Bottom Depth:	10
Lithology:	Sand with gravel black no odor charcoal appearance		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	10	Bottom Depth:	15
Lithology:	Sandy gravelly clay brown moist to wet at 12 plastic		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P96
NE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000109912

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	111670	Borehole Depth (ft):	15
Proposed Use:	Environmental Soil Boring	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	15
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	15	Annular Seal:	4 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-6" Asphalt		

Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	6"-7.5 Silty sandy clay with some gravel slightly moist low plasticity		

Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	7.5-15 Silty clay dark brown moist becoming wet at 15 medium plasticity		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**P97
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000109913

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111671	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	17
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-9	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	17

Details Reports For:	Well Drilling Method	Drill Method:	Bored
----------------------	----------------------	---------------	-------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	17	Annular Seal:	5 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	7
Lithology:	Silty sand with gravel metal debris present gray dry to slightly moist		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	7	Bottom Depth:	15
Lithology:	Silty clay with some gravel grayish brown slightly moist to moist low plasticity to medium plasticity		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	15	Bottom Depth:	17
Lithology:	Clean coarse sand with fine gravel brown to red wet		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**P98
NE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000109915

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	111673	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	12.5
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-05-10	Owner Name:	White Lodging Services Corp.
Well #:	B-10	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-25	Drill End Date:	2007-04-25
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	13
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	13	Annular Seal:	3 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	7
Lithology:	Silty sand with gravel metal debris present gray dry to slightly moist		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	7	Bottom Depth:	11
Lithology:	Silty grain sand with some small gravel gray slightly moist		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	11	Bottom Depth:	13
Lithology:	Limestone tan slightly moist		
Details Reports For:	Well Casing	Migrated Sort #:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

P99
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152680

Database:	Well Report Database	Fid:	152679
Rec id:	152674	Edr site i:	111671
Owner:	White Lodging Services Corp.	Ownerwell:	B-9
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 17 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 17 ft with 5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadep:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152680		

P100
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152681

Database:	Well Report Database	Fid:	152680
Rec id:	152675	Edr site i:	111670
Owner:	White Lodging Services Corp.	Ownerwell:	B-7
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 15 ft with 4 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152681		

**P101
NE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152682

Database:	Well Report Database	Fid:	152681
Rec id:	152676	Edr site i:	111666
Owner:	White Lodging Services Corp.	Ownerwell:	B-3
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 17 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 17 ft with 5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152682		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P102
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152265

Database:	Well Report Database	Fid:	152264
Rec id:	152257	Edr site i:	135795
Owner:	The Domain	Ownerwell:	B-13/MW-1
Address:	SE Cmr Domain Dr/Esperanza Dr, Austin , TX 78758		
Grid:	58-42-9		
Waddress:	SE Cmr Domain Dr/Esperanza Dr, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 25 ft
Dmethod:	Bored	Bcompleteio:	Not Reported
Packedfrom:	25 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with .5 Cement (#sacks and material)		
Sinterval:	From 2 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	14.22 ft. below land surface on 2/20/2008		
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non-Potable
Stratadept:	14.22 ft.	Chemicalma:	No
Undesirabl:	No	Companynam:	Vortex Drilling Inc.
Companyadd:	4412 Bluemel Road	Ccitystate:	San Antonio , TX 78240
Licensenum:	3180	Wsignature:	John E. Talbot
Dsignature:	Martin Casarez	Regnum:	57214
Comments:	No Data	Site id:	TXDOL2000152265

P103
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152678

Database:	Well Report Database	Fid:	152677
Rec id:	152672	Edr site i:	111674
Owner:	White Lodging Services Corp.	Ownerwell:	B-12
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Bored	Bcompleteio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 15 ft with 4 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152678		

P104
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152679

Database:	Well Report Database	Fid:	152678
Rec id:	152673	Edr site i:	111673
Owner:	White Lodging Services Corp.	Ownerwell:	B-10
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 12.5 ft
Dmethod:	Bored	Bcompleteio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 12.5 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152679		

P105
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152683

Database:	Well Report Database	Fid:	152682
Rec id:	152677	Edr site i:	111663
Owner:	White Lodging Services Corp.	Ownerwell:	B-11

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152683		

**P106
NE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152687

Database:	Well Report Database	Fid:	152686
Rec id:	152681	Edr site i:	111656
Owner:	White Lodging Services Corp.	Ownerwell:	B-4
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152687		

**P107
NE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152688

Database:	Well Report Database	Fid:	152687
Rec id:	152682	Edr site i:	111655
Owner:	White Lodging Services Corp.	Ownerwell:	B-2
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152688		

**P108
NE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152689

Database:	Well Report Database	Fid:	152688
Rec id:	152683	Edr site i:	111654
Owner:	White Lodging Services Corp.	Ownerwell:	B-1
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)	Usedmethod:	Hand Mixed
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)	Contaminat:	No Data
Tinterval:	No Data	Verrimetho:	No Data
Cementedby:	Vortex Drilling Inc.	Surface:	Alternative Procedure Used
Propertyli:	No Data	Flow:	No Data
Varriance:	No Data	Cementinwe:	Not Reported
Staticleve:	No Data	Pumpbowl:	Not Reported
Packers:	N/A	Yield:	Not Reported
Typepump:	No Data	Stratadept:	No Data
Welltests:	No Data	Undesirabl:	No Data
Watertype:	No Data	Companyadd:	4412 Bluemel Road
Chemicalma:	No Data	Licensenum:	4868
Companynam:	Vortex Drilling, Inc.	Dsignature:	No Data
Ccitystate:	San Antonio , TX 78240	Comments:	No Data
Wsignature:	James Neal		
Regnum:	No Data		
Site id:	TXDOL2000152689		

P109
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152684

Database:	Well Report Database	Fid:	152683
Rec id:	152678	Edr site i:	111659
Owner:	White Lodging Services Corp.	Ownerwell:	B-8
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152684		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P110
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152685

Database:	Well Report Database	Fid:	152684
Rec id:	152679	Edr site i:	111658
Owner:	White Lodging Services Corp.	Ownerwell:	B-6
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadep:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152685		

P111
NE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152686

Database:	Well Report Database	Fid:	152685
Rec id:	152680	Edr site i:	111657
Owner:	White Lodging Services Corp.	Ownerwell:	B-5
Address:	1000 East 80th Place, Suite 60, Merrillville ,IN46410		
Grid:	58-42-9		
Waddress:	Domain Drive and Esperanza Drive, Austin , TX 78758		
Lat:	30 16 32 N	County:	Travis
Long:	097 45 58 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 10 ft
Dmethod:	Bored	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 3 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152686		

**112
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXPLU5000009709

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	82751	Well Type:	Monitor
Borehole Depth (ft):	60	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2012-08-07
Owner Name:	1717, Ltd.	Well #:	Unknown
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Fugro
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2012-08-06	Variance #:	Not Reported
Company Name:	Cutting Edge Core Drilling, Inc.		
Plugging Name:	Tom Placek	Driller License:	54881
Apprentice Reg #:	Not Reported		
Comments:	Plugged top to Bottom construction was to begin with in days.		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	9
Top Depth:	Not Reported	Bottom Depth:	60

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	50	Plug Seal:	2 bags Hole Plug
Amount:	Not Reported	Unit:	Not Reported

**Q113
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000154450

Database:	Well Report Database	Fid:	154449
Rec id:	154441	Edr site i:	33349
Owner:	Woodlawn Pease LLC	Ownerwell:	1
Address:	PO Box 5009, Austin , TX 78763	Grid:	58-42-9
Waddress:	1606 Niles Road, Austin , TX	Lat:	30 16 20 N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	Travis	Long:	097 45 46 W	
Elevation:	No Data	Gpsused:	eTrax	
Typeofwork:	New Well	Propuse:	Domestic	
Sdate:	Not Reported	Completedd:	Not Reported	
Diameter:	8 in From Surface To 100 ft	Dmethod:	Air Rotary	Air Hammer
Bcompleteio:	Straight Wall	Packedfrom:	Not Reported	
Packsize:	Not Reported			
Finterval:	From 0 ft to 100 ft with 11 (#sacks and material)			
Sinterval:	No Data	Tinterval:	No Data	
Usedmethod:	Pressure Tremmie	Cementedby:	APEX Drilling	
Contaminat:	150+ ft	Propertyli:	50+ ft	
Verrimetho:	landowner	Varriance:	No Data	
Surface:	Surface Sleeve Installed	Staticleve:	No Data	
Flow:	No Data	Packers:	Burlap 220, 210, 100	
Cementinwe:	No Data	Typepump:	No Data	
Pumpbowl:	Not Reported	Welltests:	Estimated	
Yield:	n/a GPM with (No Data) ft drawdown after (No Data) hours			
Watertype:	Edwards	Stratadept:	175-425 ft.	
Chemicalma:	No	Undesirabl:	No	
Companynam:	APEX Drilling Inc.	Companyadd:	PO Box 867	
Citystate:	Marble Falls , TX 78654	Licenseum:	54516	
Wsignature:	Michael G Becker	Dsignature:	No Data	
Regnum:	No Data	Comments:	No Data	
Site id:	TXDOL2000154450			

Q114
ENE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000032374

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	33349	Well Type:	New Well
Proposed Use:	Domestic	Borehole Depth (ft):	425
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2004-03-02	Owner Name:	Woodlawn Pease LLC
Well #:	1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Domestic	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-04-18	Drill End Date:	2003-04-18
Seal Method:	Other - Pressure Tremmie	Seal Method Desc:	Pressure Tremmie
Dist to Septic/Other Contam:	150+	Distance to Septic Tank:	Not Reported
Dist to Property Line:	50+	Distance Verify Meth:	landowner
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	APEX Drilling	Surface Completion:	Surface Sleeve Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	APEX Drilling Inc.
Driller Name:	Michael G Becker	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54516	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	100	Bottom Depth:	430

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	8 100
Details Reports For:	Well Drilling Method	Drill Method:	Air Hammer
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Straight Wall
Details Reports For: Bottom Depth: Amount:	Well Seal Range 100 Not Reported	Top Depth: Annular Seal: Unit:	0 11 Not Reported
Details Reports For: Packers:	Well Packers Burlap 220', 210', 100'	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Yield: Hours:	Well Test Not Reported Not Reported	Test Type: Drawdown:	Estimated Not Reported
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Edwards	Migrated Strata Depth: Bottom Depth:	175-425 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 000-025 Tan Clay	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 025-057 Tan LS	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 057-127 Blue Clay	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 127-140 Tan LS	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 140-145 Gry LS	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 145-165 Tan LS	Migrated Sort #: Bottom Depth:	6 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	165-175 Gry LS		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	175 ... Tan LS-Lost Returns		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	@230 (H2O)		
Details Reports For:	Well Lithology	Migrated Sort #:	10
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	@250 (H2O)		
Details Reports For:	Well Lithology	Migrated Sort #:	11
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	@380 (H2O)		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5" (5"OD) New PVC +2 to 425 SDR17		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

O115
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000008565

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	9103	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	60
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2002-07-15	Owner Name:	PHILLIPS PETROLEUM
Well #:	MW # 6	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2002-07-12	Drill End Date:	2002-07-12
Seal Method:	Other - HAND MIX	Seal Method Desc:	HAND MIX
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	No	Company Name:	DIXIE DRILLING
Driller Name:	Timothy Shaun O'Bannon	Comments:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Plugged within 48 hrs: Driller License #:	No 4707	Plugging Rpt Tracking #: Apprentice Reg #:	Not Reported Not Reported
Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	6 60
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For: Top Depth: Size:	Well Filter 18 Not Reported	Filter Material: Bottom Depth:	Gravel 60
Details Reports For: Bottom Depth: Amount:	Well Seal Range 1 Not Reported	Top Depth: Annular Seal: Unit:	0 1 Not Reported
Details Reports For: Measurement Date: Measurement Method:	Well Levels 2002-07-12 Unknown	Measurement: Artesian Flow:	53 Not Reported
Details Reports For: Packers:	Well Packers BENTONITE CHIPS 1-18	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-9 DK. TAN SILTY CLAY	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 9-12 LT TAN SILTY CLAY WITH LIMESTONE	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported FRAGMENTS	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 12-60 LT TAN LIMESTONE WITH GRAVEL	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported (24-23) CLAY SEAMS	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported (29-30) CLAY SEAMS	Migrated Sort #: Bottom Depth:	6 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(37-38) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(42-43) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(49-50) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	10
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(55-56) CLAY SEAMS		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PLASTIC RISER 0-20 SCH 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PLASTIC SCREEN 20-60 .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

O116
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000018581

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	19326	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	75
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2003-04-23	Owner Name:	PHILLIPS PETROLEUM
Well #:	MW # 3D	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-04-21	Drill End Date:	2003-04-21
Seal Method:	Other - HAND MIX	Seal Method Desc:	HAND MIX
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	No	Company Name:	DIXIE DRILLING
Driller Name:	Timothy Shaun O'Bannon	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4707	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	75
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Completion	Borehole Completion:	Other - 2"2
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	63	Bottom Depth:	75
Size:	Not Reported		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	1	Annular Seal:	1
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	BENTONITE CHIPS 1-63'	Depth:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	9
Lithology:	DARK TAN SILTY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9	Bottom Depth:	12
Lithology:	LIGHT TAN SILTY CLAY WITH LIMESTONE FRAGMENTS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	12	Bottom Depth:	75
Lithology:	LIGHT TAN LIMESTONE WITH GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	23	Bottom Depth:	24
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	32	Bottom Depth:	33
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	38	Bottom Depth:	39
Lithology:	CLAY SEAMS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	43	Bottom Depth:	44
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	53	Bottom Depth:	54
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	62	Bottom Depth:	63
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	68	Bottom Depth:	69
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	72	Bottom Depth:	73
Lithology:	CLAY SEAMS		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2' NEW PVC RISER 0-65' SCH 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PVC SCREEN 65-75' .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**R117
North
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000008562

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	9100	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	60
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2002-07-15	Owner Name:	PHILLIPS PETROLEUM
Well #:	MW # 7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2002-07-12	Drill End Date:	2002-07-12
Seal Method:	Other - HAND MIX	Seal Method Desc:	HAND MIX
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	No	Company Name:	DIXIE DRILLING
Driller Name:	Timothy Shaun O'Bannon	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4707	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	60
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	18	Bottom Depth:	60
Size:	Not Reported		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	1	Annular Seal:	1
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	54
Measurement Date:	2002-07-12	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	BENTONITE CHIPS 1-18	Depth:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-.5 CONCRETE		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	.5-6 DK. TAN SILTY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	6-9 LT. TAN SILTY CLAY WITH LIME FRAGMENTS		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	9-60 LT. TAN LIMESTONE WITH GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(23-24) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(32-33) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(38-39) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(43-43) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(49-50) CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	10
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	(53-54) CLAY SEAMS		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PLASTIC RISER 0-20 SCH 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PLASTIC SCREEN 20-60 .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**O118
North
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000154690

Database:	Well Report Database	Fid:	154689
Rec id:	154691	Edr site i:	19326
Owner:	PHILLIPS PETROLEUM	Ownerwell:	MW # 3D
Address:	P.O. BOX 2400, BARTLESVILLE , OK 74005	Waddress:	2407 LAKE AUSTIN BLVD., AUSTIN , TX
Grid:	58-42-9	County:	Travis
Lat:	30 16 41 N	Elevation:	No Data
Long:	097 46 24 W	Typeofwork:	New Well
Gpsused:	GARMIN	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	6 in From Surface To 75 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Air Rotary		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Packedfrom:	63 ft to 75 ft	Packsizes:	Not Reported
Finterval:	From 0 ft to 1 ft with 1 (#sacks and material)	Tinterval:	No Data
Sinterval:	No Data	Cementedby:	DIXIE DRILLING
Usedmethod:	HAND MIX	Propertyli:	No Data
Contaminat:	No Data	Varriance:	No Data
Verrimetho:	No Data	Staticleve:	No Data
Surface:	Surface Slab Installed	Packers:	BENTONITE CHIPS 1-63
Flow:	No Data	Typepump:	No Data
Cementinwe:	No Data	Welltests:	No Data
Pumpbowl:	Not Reported	Watertype:	No Data
Yield:	Not Reported	Chemicalma:	No Data
Stratadept:	No Data	Companynam:	DIXIE DRILLING
Undesirabl:	No	Ccitystate:	ALVARADO , TX 76009
Companyadd:	9120 MARIANNA WAY	Wsignature:	T. SHAUN OBANNON
Licensenum:	4707	Regnum:	No Data
Dsignature:	No Data	Site id:	TXDOL2000154690
Comments:	No Data		

O119
North
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000154855

Database:	Well Report Database	Fid:	154854
Rec id:	154855	Edr site i:	9103
Owner:	PHILLIPS PETROLEUM	Ownerwell:	MW # 6
Address:	1356 PHILLIPS BLVD, BARTLESVILLE , OK 74004	Waddress:	2407 LAKE AUSTIN BLVD, AUSTIN , TX
Grid:	58-42-9	County:	Travis
Lat:	30 16 41 N	Elevation:	No Data
Long:	097 46 24 W	Typeofwork:	New Well
Gpsused:	GARMIN	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	6 in From Surface To 60 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Air Rotary	Packsizes:	Not Reported
Packedfrom:	18 ft to 60 ft	Tinterval:	No Data
Finterval:	From 0 ft to 1 ft with 1 (#sacks and material)	Cementedby:	DIXIE DRILLING
Sinterval:	No Data	Propertyli:	No Data
Usedmethod:	HAND MIX	Varriance:	No Data
Contaminat:	No Data	Staticleve:	53 ft. below land surface on 7/12/2002
Verrimetho:	No Data	Packers:	BENTONITE CHIPS 1-18
Surface:	Surface Slab Installed	Typepump:	No Data
Flow:	No Data	Welltests:	No Data
Cementinwe:	No Data	Watertype:	No Data
Pumpbowl:	Not Reported	Chemicalma:	No Data
Yield:	Not Reported	Companynam:	DIXIE DRILLING
Stratadept:	No Data	Ccitystate:	ALVARADO , TX 76009
Undesirabl:	No	Wsignature:	T.SHAUN OBANNON
Companyadd:	9120 MARIANNA WAY	Regnum:	No Data
Licensenum:	4707	Site id:	TXDOL2000154855
Dsignature:	No Data		
Comments:	No Data		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R120
North
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000154856

Database:	Well Report Database	Fid:	154855
Rec id:	154856	Edr site i:	9100
Owner:	PHILLIPS PETROLEUM	Ownerwell:	MW # 7
Address:	1356 PHILLIPS BLDG., BARTLESVILLE , OK 74004		
Grid:	58-42-9	Waddress:	2407 LAKE AUSTIN BLVD, AUSTIN , TX
Lat:	30 16 41 N	County:	Travis
Long:	097 46 22 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 60 ft
Dmethod:	Air Rotary	Bcompleteio:	Not Reported
Packedfrom:	18 ft to 60 ft	Packsizes:	Not Reported
Finterval:	From 0 ft to 1 ft with 1 (#sacks and material)	Tinterval:	No Data
Sinterval:	No Data	Cementedby:	DIXIE DRILLING
Usedmethod:	HAND MIX	Propertyli:	No Data
Contaminat:	No Data	Varriance:	No Data
Verrimetho:	No Data	Staticleve:	54 ft. below land surface on 7/12/2002
Surface:	Surface Slab Installed	Packers:	BENTONITE CHIPS 1-18
Flow:	No Data	Typepump:	No Data
Cementinwe:	No Data	Welltests:	No Data
Pumpbowl:	Not Reported	Watertype:	No Data
Yield:	Not Reported	Chemicalma:	No Data
Stratadept:	No Data	Companynam:	DIXIE DRILLING
Undesirabl:	No	Ccitystate:	ALVARADO , TX 76009
Companyadd:	9120 MARIANNA WAY	Wsignature:	T. SHAUN OBANNON
Licensenum:	4707	Regnum:	No Data
Dsignature:	No Data	Site id:	TXDOL2000154856
Comments:	No Data		

O121
North
1/2 - 1 Mile
Lower

TX WELLS TXMON5000018579

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	19324	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	65
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2003-04-23	Owner Name:	PHILLIPS PETROLEUM
Well #:	MW # 4D	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-04-21	Drill End Date:	2003-04-21
Seal Method:	Other - HAND MIX	Seal Method Desc:	HAND MIX
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	No	Company Name:	DIXIE DRILLING
Driller Name:	Timothy Shaun O'Bannon	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4707	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	65
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Completion	Borehole Completion:	Other - 2"2
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	53	Bottom Depth:	65
Size:	Not Reported		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	1	Annular Seal:	1
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	61
Measurement Date:	2003-04-21	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	BENTONITE CHIPS 1-53'	Depth:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	9
Lithology:	DARK TAN SILTY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9	Bottom Depth:	12
Lithology:	LIGHT TAN SILTY CLAY WITH LIMESTONE FRAGMENTS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	12	Bottom Depth:	65
Lithology:	LIGHT TAN LIMESTONE WITH GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	23	Bottom Depth:	24
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	32	Bottom Depth:	33

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	38	Bottom Depth:	39
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	43	Bottom Depth:	44
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	53	Bottom Depth:	54
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	62	Bottom Depth:	63
Lithology:	CLAY SEAMS		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2' NEW PVC RISER 0-55' SCH 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PVC SCREEN 55-65' .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**O122
North
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000154691

Database:	Well Report Database	Fid:	154690
Rec id:	154692	Edr site i:	19324
Owner:	PHILLIPS PETROLEUM	Ownerwell:	MW # 4D
Address:	P.O. BOX 2400, BARTLESVILLE , OK 74005		
Grid:	58-42-9	Waddress:	2407 LAKE AUSTIN BLVD., AUSTIN , TX
Lat:	30 16 41 N	County:	Travis
Long:	097 46 25 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 65 ft
Dmethod:	Air Rotary	Bcompleteio:	Not Reported
Packedfrom:	53 ft to 65 ft	Packsiz:	Not Reported
Finterval:	From 0 ft to 1 ft with 1 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	HAND MIX	Cementedby:	DIXIE DRILLING
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Surface:	Surface Slab Installed	Staticleve:	61 ft. below land surface on 4/21/2003
Flow:	No Data	Packers:	BENTONITE CHIPS 1-53
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No	Companynam:	DIXIE DRILLING
Companyadd:	9120 MARIANNA WAY	Ccitystate:	ALVARADO , TX 76009
Licensenum:	4707	Wsignature:	T. SHAUN OBANNON
Dsignature:	No Data	Regnum:	No Data
Comments:	No Data	Site id:	TXDOL2000154691

S123
SSW
1/2 - 1 Mile
Higher

TX WELLS TXWDB7000091904

Database:	Groundwater Database	Well #:	5842935
Primary Water Use:	Irrigation	Elevation:	635
Well Depth:	200	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Withdrawal of Water		

S124
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40001170087

Organization ID:	USGS-TX	Organization Name:	USGS Texas Water Science Center
Monitor Location:	YD-58-42-915	Type:	Well
Description:	Not Reported	HUC:	12090205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Edwards-Trinity aquifer system		
Formation Type:	Edwards and Associated Limestones		
Aquifer Type:	Confined single aquifer		
Well Depth:	295	Construction Date:	19420101
Well Hole Depth:	295	Well Depth Units:	ft
		Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	15	Level reading date:	2003-05-30
Feet below surface:	190.30	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2002-06-03	Feet below surface:	202.10
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-07	Feet below surface:	192.18
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-06-08	Feet below surface:	195.8
Feet to sea level:	Not Reported		
Note:	Water level was affected by atmospheric pressure.		

Level reading date:	1998-04-21	Feet below surface:	188.20
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-05-06	Feet below surface:	219.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-27	Feet below surface:	188.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-15	Feet below surface:	216.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-05-27	Feet below surface:	190.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-05-12	Feet below surface:	189.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-05-09	Feet below surface:	189.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-05-06	Feet below surface:	189.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-05	Feet below surface:	186.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-24	Feet below surface:	175.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06	Feet below surface:	188.65
Feet to sea level:	Not Reported	Note:	Not Reported

**T125
WNW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000222092

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	225255	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	6
Injurious Water Quality:	Not Reported	Plugging Rpt #:	127937
Submitted Date:	2010-08-02	Owner Name:	John Prewett
Well #:	B3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2010-06-29	Drill End Date:	2010-06-29
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	127937
Driller License #:	54735	Apprentice Reg #:	57667

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	6
Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 6 Bentonite 0.2		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	6
Lithology:	White silt and caliche; some gravel		

**T126
WNW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000222091

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	225254	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	7.5
Injurious Water Quality:	Not Reported	Plugging Rpt #:	127936
Submitted Date:	2010-08-02	Owner Name:	John Prewett
Well #:	B2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2010-06-29	Drill End Date:	2010-06-29
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	127936
Driller License #:	54735	Apprentice Reg #:	57667

Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	7.5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 7.5 Bentonite 0.25		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	6.5
Lithology:	Light yellow to white silt and caliche		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	6.5	Bottom Depth:	7.5
Lithology:	Weathered limestone		

**T127
WNW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000222090

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	225253	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	7
Injurious Water Quality:	Not Reported	Plugging Rpt #:	127935
Submitted Date:	2010-08-02	Owner Name:	John Prewett
Well #:	B1 & B4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2010-06-29	Drill End Date:	2010-06-29
Seal Method:	Not Applicable	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Driller Name:	Cedric Cascio	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	127935
Driller License #:	54735	Apprentice Reg #:	57667
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	7

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Direct Push
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	None 0 - 2 Cement 0.1		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2 - 7 Bentonite 0.25		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	7
Lithology:	Light yellow to white silt and caliche		

**T128
WNW
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000125962

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	127937	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	6	Well Report #:	225255
Details Reports For:	Plug Data	Submitted Date:	2010-08-02
Owner Name:	John Prewett	Well #:	B3
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services	Original License #:	54735
Original Driller:	Cedric Cascio	Original Drill Date:	2010-06-29
Original Well Use:	Environmental Soil Boring	Plug Date:	2010-06-29
Plug Method:	Unknown		
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Plugging Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	57667	Comments:	Not Reported
Comments:	Not Reported		
Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	6
Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	2 - 6 Bentonite 0.2
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

T129
WNW
1/2 - 1 Mile
Higher

TX WELLS TXPLU5000125961

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	127936	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	7.5	Well Report #:	225254

Details Reports For:	Plug Data	Submitted Date:	2010-08-02
Owner Name:	John Prewett	Well #:	B2
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services		
Original Driller:	Cedric Cascio	Original License #:	54735
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2010-06-29
Plug Method:	Unknown	Plug Date:	2010-06-29
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Plugging Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	57667	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	7.5

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	2 - 7.5 Bentonite 0.25
Amount:	Not Reported	Unit:	Not Reported

T130
WNW
1/2 - 1 Mile
Higher

TX WELLS TXPLU5000125960

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	127935	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	7	Well Report #:	225253

Details Reports For:	Plug Data	Submitted Date:	2010-08-02
Owner Name:	John Prewett	Well #:	B1 & B4
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	MagnaCore Drilling & Environmental Services		
Original Driller:	Cedric Cascio	Original License #:	54735
Original Well Use:	Environmental Soil Boring	Original Drill Date:	2010-06-29
Plug Method:	Unknown	Plug Date:	2010-06-29
Variance #:	Not Reported		
Company Name:	MagnaCore Drilling & Environmental Services		
Plugging Name:	Cedric Cascio	Driller License:	54735
Apprentice Reg #:	57667	Comments:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments: Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	7

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	2 - 7 Bentonite 0.25
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	None 0 - 2 Cement 0.1
Amount:	Not Reported	Unit:	Not Reported

**R131
North
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000018583

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	19328	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	75
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2003-04-23	Owner Name:	PHILLIPS PETROLEUM
Well #:	MW # 6D	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2003-04-21	Drill End Date:	2003-04-21
Seal Method:	Other - HAND MIX	Seal Method Desc:	HAND MIX
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	No	Company Name:	DIXIE DRILLING
Driller Name:	Timothy Shaun O'Bannon	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4707	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	75

Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
----------------------	----------------------	---------------	------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	63	Bottom Depth:	75

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Size:	Not Reported		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	1	Annular Seal:	1
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	70
Measurement Date:	2003-04-21	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	BENTONITE CHIPS 1-63'	Depth:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	9
Lithology:	DARK TAN SILTY CLAY		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9	Bottom Depth:	12
Lithology:	LIGHT TAN SILTY CLAY WITH LIMESTONE FRAGMENTS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	12	Bottom Depth:	75
Lithology:	LIGHT TAN LIMESTONE WITH GRAVEL		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	23	Bottom Depth:	24
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	32	Bottom Depth:	33
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	38	Bottom Depth:	39
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	43	Bottom Depth:	44
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	53	Bottom Depth:	54
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	62	Bottom Depth:	63
Lithology:	CLAY SEAMS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	68	Bottom Depth:	69
Lithology:	CLAY SEAMS		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	72	Bottom Depth:	73
Lithology:	CLAY SEAMS		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2' NEW PVC RISER 0-65' SCH 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" NEW PVC SCREEN 65-75' .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**R132
North
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000154689

Database:	Well Report Database	Fid:	154688
Rec id:	154690	Edr site i:	19328
Owner:	PHILLIPS PETROLEUM	Ownerwell:	MW # 6D
Address:	P.O. BOX 2400, BARTLESVILLE , OK 74005		
Grid:	58-42-9	Waddress:	2407 LAKE AUSTIN BLVD., AUSTIN , TX
Lat:	30 16 42 N	County:	Travis
Long:	097 46 23 W	Elevation:	No Data
Gpsused:	GARMIN	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 75 ft
Dmethod:	Air Rotary	Bcompleteio:	Not Reported
Packedfrom:	63 ft to 75 ft	Packsizes:	Not Reported
Finterval:	From 0 ft to 1 ft with 1 (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	HAND MIX	Cementedby:	DIXIE DRILLING
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	Surface Slab Installed	Staticleve:	70 ft. below land surface on 4/21/2003
Flow:	No Data	Packers:	BENTONITE CHIPS 1-63
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No	Companynam:	DIXIE DRILLING
Companyadd:	9120 MARIANNA WAY	Ccitystate:	ALVARADO , TX 76009
Licensenum:	4707	Wsignature:	T. SHAUN OBANNON
Dsignature:	No Data	Regnum:	No Data
Comments:	No Data	Site id:	TXDOL2000154689

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

U133
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000154356

Database:	Well Report Database	Fid:	154355
Rec id:	154345	Edr site i:	39356
Owner:	Federal Deposit Insurance Corporation		
Ownerwell:	SB#6		
Address:	550 17th St NW Room F-3020, Washington, DC ,MD20429		
Grid:	58-42-9	Waddress:	1701 Toomey Road, Austin , TX
Lat:	30 15 51 N	County:	Travis
Long:	097 45 39 W	Elevation:	No Data
Gpsused:	www.maptech.com	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 32 ft
Dmethod:	Driven	Bcompletio:	Open Hole
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 31 ft with 4 bentonite (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	No Data	Cementedby:	No Data
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data
Surface:	No Data	Staticleve:	No Data
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	Petra Environmental, Inc
Companyadd:	1500 S. Dairy Ashford Ste 190	Ccystate:	Houston , TX 77077
Licensenum:	54605	Wsignature:	David McCloskey
Dsignature:	No Data	Regnum:	No Data
Comments:	No Data	Site id:	TXDOL2000154356

U134
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000154357

Database:	Well Report Database	Fid:	154356
Rec id:	154346	Edr site i:	39355
Owner:	Federal Deposit Insurance Corporation		
Ownerwell:	SB#5		
Address:	550 17th St NW Room F-3020, Washington, DC ,MD20429		
Grid:	58-42-9	Waddress:	1701 Toomey Road, Austin , TX
Lat:	30 15 51 N	County:	Travis
Long:	097 45 39 W	Elevation:	No Data
Gpsused:	www.maptech.com	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 32 ft
Dmethod:	Driven	Bcompletio:	Open Hole
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 31 ft with 4 bentonite (#sacks and material)		
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	No Data	Cementedby:	No Data
Contaminat:	No Data	Propertyli:	No Data
Verrimetho:	No Data	Varriance:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Surface:	No Data	Staticleve:	No Data
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	No Data
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	Petra Environmental, Inc
Companyadd:	1500 S. Dairy Ashford Ste 190	Ccitystate:	Houston , TX 77077
Licensenum:	54605	Wsignature:	David McCloskey
Dsignature:	No Data	Regnum:	No Data
Comments:	No Data	Site id:	TXDOL2000154357

**U135
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000038341

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	39356	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	32
Injurious Water Quality:	Not Reported	Plugging Rpt #:	109511
Submitted Date:	2004-06-18		
Owner Name:	Federal Deposit Insurance Corporation		
Well #:	SB#6	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2004-06-04	Drill End Date:	2004-06-04
Seal Method:	Unknown	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Petra Environmental, Inc
Driller Name:	David M McCloskey	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	109511
Driller License #:	54605	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	32
Details Reports For:	Well Drilling Method	Drill Method:	Driven
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	31	Annular Seal:	4 bentonite
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-28 ft Sand, clayey with small amounts of gravel. brown with some intervals of well sorted clean sand.		

Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	28-30 ft Slightly coarser sand at 30ft. Increased moisture. Very strong hydrocarbon odor and slight hydrocarbon staining at 16ft to groundwater.		

Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	31.5 ft Groundwater		

Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	32 ft total depth, no GW sample taken		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	None	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**U136
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000038340

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	39355	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	32
Injurious Water Quality:	Not Reported	Plugging Rpt #:	109510

Submitted Date:	2004-06-18		
Owner Name:	Federal Deposit Insurance Corporation		
Well #:	SB#5	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2004-06-04	Drill End Date:	2004-06-04
Seal Method:	Unknown	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Unknown
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Petra Environmental, Inc
Driller Name:	David M McCloskey	Comments:	Not Reported
Plugged within 48 hrs:	Yes	Plugging Rpt Tracking #:	109510
Driller License #:	54605	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	32
Details Reports For:	Well Drilling Method	Drill Method:	Driven
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	31	Annular Seal:	4 bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-28 ft Sand, clayey with small amounts of gravel. brown with some intervals of well sorted clean sand.		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	28-30 ft Slightly coarser sand at 30ft. Increased moisture. Very strong hydrocarbon odor and slight hydrocarbon staining at 30ft.		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	31 ft Groundwater		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	32 ft total depth, no GW sample taken		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	None	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**U137
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXPLU5000107590

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	109511	Well Type:	Environmental Soil Boring
Borehole Depth (ft):	32	Well Report #:	39356
Details Reports For:	Plug Data	Submitted Date:	2004-06-18
Owner Name:	Federal Deposit Insurance Corporation	# Wells Plugged:	Not Reported
Well #:	SB#6	Original Company Name:	Petra Environmental, Inc
Elevation:	Not Reported	Original License #:	54605
Original Driller:	David M McCloskey	Original Drill Date:	2004-06-04
Original Well Use:	Environmental Soil Boring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Plug Method:	Unknown	Plug Date:	2004-06-04
Variance #:	Not Reported	Company Name:	Petra Environmental, Inc
Pluggger Name:	David McCloskey	Driller License:	54605
Apprentice Reg #:	Not Reported	Comments:	Not Reported
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	32

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	Not Provided
Amount:	Not Reported	Unit:	Not Reported

U138
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000107589

Database:	Submitted Drillers Reports Database (Plugged)	
Plugging Rpt #:	109510	Well Type: Environmental Soil Boring
Borehole Depth (ft):	32	Well Report #: 39355

Details Reports For:	Plug Data	Submitted Date:	2004-06-18
Owner Name:	Federal Deposit Insurance Corporation	# Wells Plugged:	Not Reported
Well #:	SB#5	Original Company Name:	Petra Environmental, Inc
Elevation:	Not Reported	Original License #:	54605
Original Driller:	David M McCloskey	Original Drill Date:	2004-06-04
Original Well Use:	Environmental Soil Boring	Plug Date:	2004-06-04
Plug Method:	Unknown	Company Name:	Petra Environmental, Inc
Variance #:	Not Reported	Driller License:	54605
Pluggger Name:	David McCloskey	Comments:	Not Reported
Apprentice Reg #:	Not Reported		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	32

Details Reports For:	Plug Range	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Plug Seal:	Not Provided
Amount:	Not Reported	Unit:	Not Reported

139
ENE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000297860

Database:	Submitted Drillers Reports Database (Monitoring)	
Well Rpt #:	302022	Well Type: New Well
Proposed Use:	Monitor	Borehole Depth (ft): 40
Injurious Water Quality:	no	Plugging Rpt #: Not Reported

Submitted Date:	2012-10-22	Owner Name:	Jon Aune
-----------------	------------	-------------	----------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well #:	MW-1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2012-10-04	Drill End Date:	2012-10-04
Seal Method:	Unknown	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Austin Geo-Logic
Driller Name:	Amador Hinojosa	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	2897	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Drilling Method	Drill Method:	Other - Solid Flight Auger
Details Reports For:	Well Completion	Borehole Completion:	Other - Sand Packed
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 bag cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	12
Bottom Depth:	40	Annular Seal:	4 bags sand
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	12	Annular Seal:	1 bag Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0 to -5, Base material, silty sand with some gravel; tan to reddish brown, slightly hydrocarbon odor		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	-5 to -8, Silty clay with some gravel; reddish brown to dark brown. Thin asphalt layer at approximately 5 feet below ground surface		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	-8 to -35, Silty sand; brown, soft-Damp sand encountered at 33 feet below ground surface.		
Details Reports For:	Well Lithology	Migrated Sort #:	4

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	-35 to -40, Limestone; gray weathered and becoming tan, dry, hard		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2", New PVC Well Screens (.010 slotted), -14 to -40'		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2", New PVC Well Risers, -12' to -0'		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**140
West
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000096187

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	20115	Well Type:	Withdrawal of Water
Borehole Depth (ft):	240	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2004-10-29
Owner Name:	HM Villas at Treemont LTD	Well #:	Not Reported
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Withdrawal of Water
Original Drill Date:	Not Reported	Plug Method:	Other - See Comments
Plug Date:	2004-10-28	Variance #:	Not Reported
Company Name:	David McDearmon Water Well Drilling & Pu		
Plugging Name:	David McDearmon	Driller License:	2563
Apprentice Reg #:	Not Reported		
Comments:	Chlorinated pea gravel 240' to 157', 157' to 20', 45 bags bentonite hole plug, 20' to surface, 3.5 bags cement Amended 5/5/05 Ref# 1477		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	6.625
Top Depth:	Not Reported	Bottom Depth:	240

Details Reports For:	Plug Casing	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Diameter:	6.625

Details Reports For:	Plug Casing	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Diameter:	6.625

Details Reports For:	Plug Casing	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Diameter:	6.625

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Plug Range	Top Depth:	20
Bottom Depth:	160	Plug Seal:	bentonite hole plug
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	160
Bottom Depth:	240	Plug Seal:	Chlorinated pea gravel
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	20	Plug Seal:	3.5
Amount:	Not Reported	Unit:	Not Reported

**T141
NW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000366681

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	371731	Well Type:	New Well
Proposed Use:	Irrigation	Borehole Depth (ft):	1020
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2014-08-13	Owner Name:	David Trotter
Well #:	Not Reported	# Wells Drilled:	Not Reported
Elevation:	528	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Irrigation	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2014-06-14	Drill End Date:	2014-07-14
Seal Method:	Other - Pos. Displacement	Seal Method Desc:	Pos. Displacement
Dist to Septic/Other Contam:	N/A	Distance to Septic Tank:	Not Reported
Dist to Property Line:	25'	Distance Verify Meth:	Measured
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Sleeve Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Submersible	Pump Type Desc:	Not Reported
Pump Depth:	800.00	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Whisenant & Lyle Water Services
Driller Name:	Martin Dale Lingle Jr	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54813	Apprentice Reg #:	58603

Details Reports For:	Well Bore Hole	Diameter:	10
Top Depth:	0	Bottom Depth:	1000

Details Reports For:	Well Drilling Method	Drill Method:	Air Hammer
----------------------	----------------------	---------------	------------

Details Reports For:	Well Completion	Borehole Completion:	Straight Wall
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	850	Annular Seal:	35ygr23hp6b243H
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Levels	Measurement:	120
Measurement Date:	2014-06-14	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	6Mil Poly-Shale packer 850'		
Depth:	Not Reported		
Details Reports For:	Well Packers	Migrated Sort #:	2
Packers:	6Mil Poly-Shale packer 855'		
Depth:	Not Reported		
Details Reports For:	Well Test	Test Type:	Pump
Yield:	60	Drawdown:	Not Reported
Hours:	Not Reported		
Details Reports For:	Well Strata	Migrated Strata Depth:	940/1000
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Good TDS1300		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	20
Lithology:	White limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	20	Bottom Depth:	40
Lithology:	Brown limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	40	Bottom Depth:	60
Lithology:	White limestone fractured		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	60	Bottom Depth:	1000
Lithology:	No Return		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5 New PVC-SDR 17IB +2/900		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5 New PVC-17 Slotted .035 900/1000		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	1000/1020 Cutting	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**142
SSE
1/2 - 1 Mile
Higher**

TX WELLS TXWDB7000091897

Database:	Groundwater Database	Well #:	5842928
Primary Water Use:	Other	Elevation:	589
Well Depth:	303	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Withdrawal of Water		

**V143
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001170149

Organization ID:	USGS-TX	Organization Name:	USGS Texas Water Science Center
Monitor Location:	YD-58-42-925	Type:	Well
Description:	Not Reported	HUC:	12090205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Edwards-Trinity aquifer system		
Formation Type:	Edwards and Associated Limestones		
Aquifer Type:	Not Reported	Construction Date:	197505
Well Depth:	180	Well Depth Units:	ft
Well Hole Depth:	180	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	56	Level reading date:	1983-03-28
Feet below surface:	139.95	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1983-02-22	Feet below surface:	141.55
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-01-25	Feet below surface:	142.30
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-01-03	Feet below surface:	142.10
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-11-22	Feet below surface:	141.75
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-10-25	Feet below surface:	141.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-09-28	Feet below surface:	139.15
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-08-25	Feet below surface:	140.50
---------------------	------------	---------------------	--------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-07-28	Feet below surface:	139.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-06-24	Feet below surface:	138.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-05-26	Feet below surface:	138.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-04-27	Feet below surface:	141.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-03-30	Feet below surface:	142.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-03-02	Feet below surface:	139.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-26	Feet below surface:	139.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-08	Feet below surface:	138.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-11-24	Feet below surface:	137.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-10-26	Feet below surface:	137.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-09-22	Feet below surface:	137.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-09-01	Feet below surface:	136.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-07-22	Feet below surface:	135.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-06-25	Feet below surface:	134.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-05-20	Feet below surface:	139.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-21	Feet below surface:	139.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-03-24	Feet below surface:	139.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-02-26	Feet below surface:	140.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-01-21	Feet below surface:	140.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-12-22	Feet below surface:	140.60
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1980-11-20	Feet below surface:	141.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-10-23	Feet below surface:	141.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-09-24	Feet below surface:	141.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-25	Feet below surface:	139.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-06	Feet below surface:	138.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-28	Feet below surface:	140.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-04	Feet below surface:	140.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-28	Feet below surface:	140.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-01-11	Feet below surface:	140.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-29	Feet below surface:	139.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-01	Feet below surface:	139.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-09-26	Feet below surface:	137.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-29	Feet below surface:	136.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-08	Feet below surface:	136.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-06-26	Feet below surface:	135.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-05-29	Feet below surface:	136.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-26	Feet below surface:	137.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-29	Feet below surface:	138.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-01	Feet below surface:	140.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-01-29	Feet below surface:	141.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-01-08	Feet below surface:	143.44
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1978-10-27	Feet below surface:	144.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-24	Feet below surface:	144.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-10	Feet below surface:	143.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-05-09	Feet below surface:	142.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-03-14	Feet below surface:	137.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-30	Feet below surface:	140.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-20	Feet below surface:	137.90
Feet to sea level:	Not Reported	Note:	Not Reported

W144
ENE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000014923

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	40708	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2007-08-22
Owner Name:	207 Pressler, Ltd	Well #:	MW-2
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2007-08-15	Variance #:	Not Reported
Company Name:	Terracon	Plugging Name:	Kevin Denson
Driller License:	54616	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Casing	Top Depth:	.5
Bottom Depth:	17	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	2 cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	17	Plug Seal:	1 bentonite
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W145
ENE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000014922

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	40707	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2007-08-22
Owner Name:	207 Pressler, Ltd	Well #:	MW-1
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Plug Date:	2007-08-15	Variance #:	Not Reported
Company Name:	Terracon	Plugging Name:	Kevin Denson
Driller License:	54616	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Casing	Top Depth:	.5
Bottom Depth:	20	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	2 cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	20	Plug Seal:	1 bentonite
Amount:	Not Reported	Unit:	Not Reported

W146
ENE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000054238

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	40709	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2007-08-22
Owner Name:	207 Pressler, Ltd	Well #:	MW-3
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Plug Date:	2007-08-15	Variance #:	Not Reported
Company Name:	Terracon	Plugging Name:	Kevin Denson
Driller License:	54616	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	2 cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	15	Plug Seal:	2 bentonite
Amount:	Not Reported	Unit:	Not Reported

W147
ENE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000054240

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	40711	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported
Details Reports For:	Plug Data	Submitted Date:	2007-08-22
Owner Name:	207 Pressler, Ltd	Well #:	MW-5
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2007-08-15	Variance #:	Not Reported
Company Name:	Terracon	Plugging Name:	Kevin Denson
Driller License:	54616	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Casing	Top Depth:	.5
Bottom Depth:	15	Diameter:	2
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	15	Plug Seal:	1 bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	2 cement
Amount:	Not Reported	Unit:	Not Reported

W148
ENE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000054239

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	40710	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Plug Data	Submitted Date:	2007-08-22
Owner Name:	207 Pressler, Ltd	Well #:	MW-4
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2007-08-15	Variance #:	Not Reported
Company Name:	Terracon	Plugging Name:	Kevin Denson
Driller License:	54616	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	2 cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	15	Plug Seal:	2 bentonite
Amount:	Not Reported	Unit:	Not Reported

**V149
NW
1/2 - 1 Mile
Higher**

TX WELLS TXWDB7000091895

Database:	Groundwater Database	Well #:	5842926
Primary Water Use:	Irrigation	Elevation:	600
Well Depth:	190	Observation Type:	Miscellaneous Measurements
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

**V150
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001170150

Organization ID:	USGS-TX	Organization Name:	USGS Texas Water Science Center
Monitor Location:	YD-58-42-926	Type:	Well
Description:	Not Reported	HUC:	12090205
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Edwards-Trinity aquifer system		
Formation Type:	Edwards and Associated Limestones		
Aquifer Type:	Not Reported	Construction Date:	19630101
Well Depth:	190	Well Depth Units:	ft
Well Hole Depth:	190	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W151
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009400

Database:	Well Report Database	Fid:	9399
Rec id:	9401	Edr site i:	125815
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 13
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009400		

W152
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009399

Database:	Well Report Database	Fid:	9398
Rec id:	9397	Edr site i:	125821
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 18
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 18.5 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	18.5 ft to 6 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 6 ft with 2 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009399		

**W153
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009398

Database:	Well Report Database	Fid:	9397
Rec id:	9396	Edr site i:	125823
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 19
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 18.5 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	18.5 ft to 6 ft	Packsizes:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 6 ft with 2 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009398		

**W154
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009401

Database:	Well Report Database	Fid:	9400
Rec id:	9402	Edr site i:	125814
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address:	1316 West 5th Street, Austin , TX 78703	
Grid:	58-42-9	
Waddress:	110 West Josephine Street, San Antonio , TX 78212	
Lat:	30 16 20 N	County: Bexar
Long:	097 45 34 W	Elevation: No Data
Gpsused:	Google Earth	Typeofwork: New Well
Propuse:	Monitor	Sdate: Not Reported
Completedd:	Not Reported	Diameter: 4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio: Not Reported
Packedfrom:	15 ft to 3 ft	Packsizes: 12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)	
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)	
Tinterval:	No Data	Usedmethod: Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat: No Data
Propertyli:	No Data	Verrimetho: No Data
Varriance:	No Data	Surface: Surface Sleeve Installed
Staticleve:	No Data	Flow: No Data
Packers:	N/A	Cementinwe: Not Reported
Typepump:	No Data	Pumpbowl: Not Reported
Welltests:	No Data	Yield: Not Reported
Watertype:	Non-Potable	Stratadept: No Data
Chemicalma:	No	Undesirabl: No
Companynam:	Vortex Drilling Inc.	Companyadd: 4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum: 54776
Wsignature:	Robert Joiner	Dsignature: No Data
Regnum:	No Data	Comments: No Data
Site id:	TXDOL2000009401	

**W155
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009414

Database:	Well Report Database	Fid:	9413
Rec id:	9405	Edr site i:	125811
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 8
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsizes:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009414		

**W156
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009413

Database:	Well Report Database	Fid:	9412
Rec id:	9404	Edr site i:	125812
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 10
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009413		

**W157
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009412

Database:	Well Report Database	Fid:	9411
Rec id:	9403	Edr site i:	125813
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 11
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)	Usedmethod:	Hand Mixed
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)	Contaminat:	No Data
Tinterval:	No Data	Verrimetho:	No Data
Cementedby:	Vortex Drilling, Inc.	Surface:	Surface Sleeve Installed
Propertyli:	No Data	Flow:	No Data
Varriance:	No Data	Cementinwe:	Not Reported
Staticleve:	No Data	Pumpbowl:	Not Reported
Packers:	N/A	Yield:	Not Reported
Typepump:	No Data	Stratadept:	No Data
Welltests:	No Data	Undesirabl:	No
Watertype:	Non-Potable	Companyadd:	4412 Bluemel Road
Chemicalma:	No	Licensenum:	54776
Companynam:	Vortex Drilling Inc.	Dsignature:	No Data
Ccitystate:	San Antonio , TX 78240	Comments:	No Data
Wsignature:	Robert Joiner		
Regnum:	No Data		
Site id:	TXDOL2000009412		

**W158
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009397

Database:	Well Report Database	Fid:	9396
Rec id:	9395	Edr site i:	125827
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 20
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 17.5 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	17.5 ft to 5.5 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 5.5 ft with 1.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009397		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W159
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009281

Database:	Well Report Database	Fid:	9280
Rec id:	9400	Edr site i:	125816
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 14
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009281		

W160
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009280

Database:	Well Report Database	Fid:	9279
Rec id:	9399	Edr site i:	125817
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 15
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009280		

**W161
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009279

Database:	Well Report Database	Fid:	9278
Rec id:	9398	Edr site i:	125820
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 17
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 20 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 8 ft	Packsizes:	12/20
Finterval:	From 0 ft to 2 ft with .25 Cement (#sacks and material)		
Sinterval:	From 2 ft to 8 ft with .75 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009279		

**W162
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009393

Database:	Well Report Database	Fid:	9392
Rec id:	9391	Edr site i:	125837
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 16

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address:	1316 West 5th Street, Austin , TX 78703	
Grid:	58-42-9	
Waddress:	110 West Josephine Street, San Antonio , TX 78212	
Lat:	30 16 20 N	County: Bexar
Long:	097 45 34 W	Elevation: No Data
Gpsused:	Google Earth	Typeofwork: New Well
Propuse:	Monitor	Sdate: Not Reported
Completedd:	Not Reported	Diameter: 4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio: Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz: 12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)	
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)	
Tinterval:	No Data	Usedmethod: Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat: No Data
Propertyli:	No Data	Verrimetho: No Data
Varriance:	No Data	Surface: Surface Slab Installed
Staticleve:	No Data	Flow: No Data
Packers:	N/A	Cementinwe: Not Reported
Typepump:	No Data	Pumpbowl: Not Reported
Welltests:	No Data	Yield: Not Reported
Watertype:	Non-Potable	Stratadep: No Data
Chemicalma:	No	Undesirabl: No
Companynam:	Vortex Drilling Inc.	Companyadd: 4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum: 54776
Wsignature:	Robert Joiner	Dsignature: No Data
Regnum:	No Data	Comments: No Data
Site id:	TXDOL2000009393	

**W163
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009396

Database:	Well Report Database	Fid:	9395
Rec id:	9394	Edr site i:	125828
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 21
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 17.5 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	17.5 ft to 5.5 ft	Packsiz: 12/20	
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 5.5 ft with 1.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009396		

**W164
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009395

Database:	Well Report Database	Fid:	9394
Rec id:	9393	Edr site i:	125829
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 21
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 17.5 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	Not Reported
Packedfrom:	17.5 ft to 5.5 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 5.5 ft with 1.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009395		

**W165
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009394

Database:	Well Report Database	Fid:	9393
Rec id:	9392	Edr site i:	125830
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 9
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 17.5 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	Not Reported
Packedfrom:	17.5 ft to 8 ft	Packsiz:	12/20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)	Usedmethod:	Hand Mixed
Sinterval:	From 2 ft to 8 ft with 2 Bentonite (#sacks and material)	Contaminat:	No Data
Tinterval:	No Data	Verrimetho:	No Data
Cementedby:	Vortex Drilling, Inc.	Surface:	Surface Sleeve Installed
Propertyli:	No Data	Flow:	No Data
Varriance:	No Data	Cementinwe:	Not Reported
Staticleve:	No Data	Pumpbowl:	Not Reported
Packers:	N/A	Yield:	Not Reported
Typepump:	No Data	Stratadept:	No Data
Welltests:	No Data	Undesirabl:	No
Watertype:	Non-Potable	Companyadd:	4412 Bluemel Road
Chemicalma:	No	Licensenum:	54776
Companynam:	Vortex Drilling Inc.	Dsignature:	No Data
Ccitystate:	San Antonio , TX 78240	Comments:	No Data
Wsignature:	Robert Joiner		
Regnum:	No Data		
Site id:	TXDOL2000009394		

**W166
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009421

Database:	Well Report Database	Fid:	9420
Rec id:	9412	Edr site i:	125800
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 1
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009421		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W167
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009420

Database:	Well Report Database	Fid:	9419
Rec id:	9411	Edr site i:	125801
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 2
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009420		

W168
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009422

Database:	Well Report Database	Fid:	9421
Rec id:	9413	Edr site i:	125799
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 1
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009422		

**W169
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000010993

Database:	Well Report Database	Fid:	10992
Rec id:	10988	Edr site i:	87663
Owner:	JACK BROWN CLEANERS	Ownerwell:	NONE
Address:	1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9		
Waddress:	110 WEST JOSEPHINE STREET, SAN ANTONIO , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 25 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	25 ft to 4 ft	Packsizes:	10/20
Finterval:	From 0 ft to 2 ft with 6 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 4 ft with 1 BENT/GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	17 ft. below land surface on 6/30/2006		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	NON-POTABLE
Stratadept:	18 ft.	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	VORTEX DRILLING INC.
Companyadd:	4412 BLUEMEL ROAD	Ccitystate:	SAN ANTONIO , TX 78240
Licensenum:	3180	Wsignature:	JOHN EGAN TALBOT
Dsignature:	MARTIN CASAREZ	Regnum:	1638
Comments:	NONE	Site id:	TXDOL2000010993

**W170
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000010992

Database:	Well Report Database	Fid:	10991
Rec id:	10987	Edr site i:	87664
Owner:	JACK BROWN CLEANERS	Ownerwell:	NONE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address:	1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9		
Waddress:	110 WEST JOSEPHINE STREET, SAN ANTONIO , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 20 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	Not Reported
Packedfrom:	20 ft to 4 ft	Packsizes:	10/20
Finterval:	From 0 ft to 2 ft with 3 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 4 ft with 1 BENT/GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	13 ft. below land surface on 6/30/2006		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	NON-POTABLE
Stratadept:	13 ft.	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	VORTEX DRILLING INC.
Companyadd:	4412 BLUEMEL ROAD	Ccystate:	SAN ANTONIO , TX 78240
Licensenum:	3180	Wsignature:	JOHN EGAN TALBOT
Dsignature:	MARTIN CASAREZ	Regnum:	1638
Comments:	NONE	Site id:	TXDOL2000010992

**W171
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009416

Database:	Well Report Database	Fid:	9415
Rec id:	9407	Edr site i:	125807
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 6
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsizes:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccystate:	San Antonio , TX 78240	Licensenum:	54776

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009416		

**W172
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009415

Database:	Well Report Database	Fid:	9414
Rec id:	9406	Edr site i:	125810
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 7
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009415		

**W173
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009417

Database:	Well Report Database	Fid:	9416
Rec id:	9408	Edr site i:	125806
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 5
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)	Usedmethod:	Hand Mixed
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)	Contaminat:	No Data
Tinterval:	No Data	Verrimetho:	No Data
Cementedby:	Vortex Drilling, Inc.	Surface:	Surface Sleeve Installed
Propertyli:	No Data	Flow:	No Data
Varriance:	No Data	Cementinwe:	Not Reported
Staticleve:	No Data	Pumpbowl:	Not Reported
Packers:	N/A	Yield:	Not Reported
Typepump:	No Data	Stratadept:	No Data
Welltests:	No Data	Undesirabl:	No
Watertype:	Non-Potable	Companyadd:	4412 Bluemel Road
Chemicalma:	No	Licensenum:	54776
Companynam:	Vortex Drilling Inc.	Dsignature:	No Data
Ccitystate:	San Antonio , TX 78240	Comments:	No Data
Wsignature:	Robert Joiner		
Regnum:	No Data		
Site id:	TXDOL2000009417		

**W174
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000009419

Database:	Well Report Database	Fid:	9418
Rec id:	9410	Edr site i:	125802
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 3
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009419		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W175
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000009418

Database:	Well Report Database	Fid:	9417
Rec id:	9409	Edr site i:	125805
Owner:	Jack Brown Cleaners	Ownerwell:	EW - 4
Address:	1316 West 5th Street, Austin , TX 78703		
Grid:	58-42-9		
Waddress:	110 West Josephine Street, San Antonio , TX 78212		
Lat:	30 16 20 N	County:	Bexar
Long:	097 45 34 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	12/20
Finterval:	From 0 ft to 1.5 ft with .25 Cement (#sacks and material)		
Sinterval:	From 1.5 ft to 3 ft with .25 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Sleeve Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadep:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	54776
Wsignature:	Robert Joiner	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000009418		

V176
NW
1/2 - 1 Mile
Higher

TX WELLS TXWDB7000091894

Database:	Groundwater Database	Well #:	5842925
Primary Water Use:	Unused	Elevation:	571
Well Depth:	180	Observation Type:	TWDB Current Observation Well
Water Quality Review:	Y	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

W177
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000153362

Database:	Well Report Database	Fid:	153361
Rec id:	153357	Edr site i:	90406
Owner:	COMMERCIAL LOTS	Ownerwell:	B-7
Address:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grid:	58-42-9	Waddress:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78701
Lat:	30 16 20 N	County:	Travis
Long:	097 45 33 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 15 ft with 1 BENT GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	VORTEX DRILLING INC.	Companyadd:	4412 BLUEMEL ROAD
Ccitystate:	SAN ANTONIO , TX 78240	Licensenum:	54776
Wsignature:	ROBERT JOINER	Dsignature:	NONE
Regnum:	NONE	Comments:	NONE
Site id:	TXDOL2000153362		

**W178
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000153363

Database:	Well Report Database	Fid:	153362
Rec id:	153359	Edr site i:	90402
Owner:	COMMERCIAL LOTS	Ownerwell:	MW-5
Address:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9	Waddress:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78701
Lat:	30 16 20 N	County:	Travis
Long:	097 45 33 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsiz:	20/40
Finterval:	From 0 ft to 2 ft with 1 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 3 ft with .5 BENT GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	VORTEX DRILLING INC.	Companyadd:	4412 BLUEMEL ROAD
Ccitystate:	SAN ANTONIO , TX 78240	Licensenum:	54776
Wsignature:	ROBERT JOINER	Dsignature:	NONE
Regnum:	NONE	Comments:	NONE
Site id:	TXDOL2000153363		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W179
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000153364

Database:	Well Report Database	Fid:	153363
Rec id:	153360	Edr site i:	90400
Owner:	COMMERCIAL LOTS	Ownerwell:	MW-4
Address:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9	Waddress:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703
Lat:	30 16 20 N	County:	Travis
Long:	097 45 33 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 15 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	15 ft to 3 ft	Packsizes:	20/40
Finterval:	From 0 ft to 2 ft with 1 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 3 ft with .5 BENT GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadep:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	VORTEX DRILLING INC.	Companyadd:	4412 BLUEMEL ROAD
Citystate:	SAN ANTONIO , TX 78240	Licensenum:	54776
Wsignature:	ROBERT JOINER	Dsignature:	NONE
Regnum:	NONE	Comments:	NONE
Site id:	TXDOL2000153364		

W180
ENE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000153182

Database:	Well Report Database	Fid:	153181
Rec id:	153358	Edr site i:	90403
Owner:	COMMERCIAL LOTS	Ownerwell:	B-6
Address:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9	Waddress:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703
Lat:	30 16 20 N	County:	Travis
Long:	097 45 33 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	4 in From Surface To 3 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 3 ft with .5 BENT GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticlevel:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	VORTEX DRILLING INC.	Companyadd:	4412 BLUEMEL ROAD
Ccitystate:	SAN ANTONIO , TX 78240	Licensenum:	54776
Wsignature:	ROBERT JOINER	Dsignature:	NONE
Regnum:	NONE	Comments:	NONE
Site id:	TXDOL2000153182		

**W181
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000153360

Database:	Well Report Database	Fid:	153359
Rec id:	153355	Edr site i:	90409
Owner:	COMMERCIAL LOTS	Ownerwell:	B-9
Address:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9	Waddress:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703
Lat:	30 16 20 N	County:	Travis
Long:	097 45 33 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 15 ft
Dmethod:	Driven	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 0.64 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 15 ft with 1 BENT GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticlevel:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	VORTEX DRILLING INC.	Companyadd:	4412 BLUEMEL ROAD
Ccitystate:	SAN ANTONIO , TX 78240	Licensenum:	54776
Wsignature:	ROBERT JOINER	Dsignature:	NONE
Regnum:	NONE	Comments:	NONE
Site id:	TXDOL2000153360		

**W182
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000153361

Database:	Well Report Database	Fid:	153360
Rec id:	153356	Edr site i:	90407
Owner:	COMMERCIAL LOTS	Ownerwell:	B-8
Address:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703		
Grid:	58-42-9	Waddress:	1304-1316 WEST 5TH STREET, AUSTIN , TX 78703
Lat:	30 16 20 N	County:	Travis

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Long:	097 45 33 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 15 ft
Dmethod:	Driven	Bcompleteio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 0 ft to 2 ft with .064 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 15 ft with 1 BENT GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	VORTEX DRILLING INC.	Companyadd:	4412 BLUEMEL ROAD
Ccitystate:	SAN ANTONIO , TX 78240	Licensenum:	54776
Wsignature:	ROBERT JOINER	Dsignature:	NONE
Regnum:	NONE	Comments:	NONE
Site id:	TXDOL2000153361		

**W183
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000088855

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	90403	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	3
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2006-08-15	Owner Name:	COMMERCIAL LOTS
Well #:	B-6	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-08-03	Drill End Date:	2006-08-03
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	Robert Joiner	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54776	Apprentice Reg #:	NONE

Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 CEMENT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	3	Annular Seal:	.5 BENT GROUT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	3
Lithology:	SOFT WEATHERED LIMESTONE TO TAN HARD LIMESTONE DRY		

**W184
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000088854

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	90402	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	15
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2006-08-15	Owner Name:	COMMERCIAL LOTS
Well #:	MW-5	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-08-03	Drill End Date:	2006-08-03
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	Robert Joiner	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54776	Apprentice Reg #:	NONE
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	15

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	3	Bottom Depth:	15
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 CEMENT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	3	Annular Seal:	.5 BENT GROUT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	5
Lithology:	FILL MATERIAL CONSISTING OF CLAY WITH GRAVEL BROWN MOIST		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	13
Lithology:	CLAY WITH SOME GRAVEL BLACK TO OLIVE GREEN MOIST		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	13	Bottom Depth:	15
Lithology:	CLAY DARK BROWN STIFF SLIGHTLY MOIST		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N SCH 40 PVC .010 15-5 SCREEN		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N SCH 40 PVC 5-0 RISER		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N TOP AND BOTTOM CAP		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Gauge: Not Reported

**W185
ENE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000088852

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	90400	Borehole Depth (ft):	15
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		

Submitted Date:	2006-08-15	Owner Name:	COMMERCIAL LOTS
Well #:	MW-4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-08-03	Drill End Date:	2006-08-03
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	Robert Joiner	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54776	Apprentice Reg #:	NONE

Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	15

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	3	Bottom Depth:	15
Size:	20/40		

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 CEMENT
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	3	Annular Seal:	.5 BENT GROUT
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Lithology	Migrated Sort #:	0
----------------------	----------------	------------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	5
Lithology:	FILL MATERIAL CONSISTING OF CLAY WITH GRAVEL BROWN MOIST		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	15
Lithology:	CLAY DARK BROWN TO BLACK STIFF SLIGHTLY MOIST		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N SCH 40 PVC .010 15-5 SCREEN		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N SCH 40 PVC 5-0 RISER		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N TOP AND BOTTOM CAP		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

W186
ENE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000088861

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	90409	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	15
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2006-08-15	Owner Name:	COMMERCIAL LOTS
Well #:	B-9	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-08-03	Drill End Date:	2006-08-03
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	Robert Joiner	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54776	Apprentice Reg #:	NONE
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	15
Details Reports For:	Well Drilling Method	Drill Method:	Driven
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	0.64 CEMENT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	15	Annular Seal:	1 BENT GROUT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	1
Lithology:	FILL MATERIAL CONSISTING OF CLAY WITH GRAVEL AND SOME SAND MOIST		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	15
Lithology:	CLAY BLACK MOIST STIFF		

W187
ENE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000088859

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	90407	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	15
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2006-08-15	Owner Name:	COMMERCIAL LOTS
Well #:	B-8	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drill Start Date:	2006-08-03	Drill End Date:	2006-08-03
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	Robert Joiner	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54776	Apprentice Reg #:	NONE
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	15
Details Reports For:	Well Drilling Method	Drill Method:	Driven
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	.064 CEMENT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	15	Annular Seal:	1 BENT GROUT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	12
Lithology:	FILL MATERIAL CONSISTING OF CLAY WITH GRAVEL AND SOME SAND		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	12	Bottom Depth:	15
Lithology:	CLAY BLACK MOIST STIFF		

W188
ENE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000088858

Database:	Submitted Drillers Reports Database (Monitoring)	
Well Rpt #:	90406	Well Type: New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft): 15
Injurious Water Quality:	Not Reported	Plugging Rpt #: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Submitted Date:	2006-08-15	Owner Name:	COMMERCIAL LOTS
Well #:	B-7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-08-03	Drill End Date:	2006-08-03
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	Robert Joiner	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54776	Apprentice Reg #:	NONE

Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	15

Details Reports For:	Well Drilling Method	Drill Method:	Driven
----------------------	----------------------	---------------	--------

Details Reports For:	Well Completion	Borehole Completion:	Plugged
----------------------	-----------------	----------------------	---------

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 CEMENT
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	15	Annular Seal:	1 BENT GROUT
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	ASPHALT		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	12
Lithology:	FILL MATERIAL CONSISTING OF CLAY WITH GRAVEL AND INCLUDED WOOD GLASS COMPOSITE SHINGLE M		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	12	Bottom Depth:	15
Lithology:	CLAY BLACK MOIST STIFF		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

189
ENE
1/2 - 1 Mile
Higher

TX WELLS TXMON5000214623

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	217711	Borehole Depth (ft):	30
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		
Submitted Date:	2010-05-26	Owner Name:	City of Austin
Well #:	B-11	# Wells Drilled:	Not Reported
Elevation:	518	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2010-03-29	Drill End Date:	2010-03-29
Seal Method:	Poured	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Holt Engineering Inc.
Driller Name:	John W Webb	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3023	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	30
Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	3.5	Bottom Depth:	30
Size:	10/40 Sand		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Ready Mix
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	3.5	Annular Seal:	1 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	3.5
Bottom Depth:	30	Annular Seal:	4 Bags Sand
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Levels	Measurement:	22
Measurement Date:	2010-05-17	Artesian Flow:	Not Reported
Measurement Method:	Unknown		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.3
Lithology:	Asphalt		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.3	Bottom Depth:	.9
Lithology:	Base Material		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.9	Bottom Depth:	6
Lithology:	Tan and Light Brown Lean Clay		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	6	Bottom Depth:	9.5
Lithology:	Greenish Tan and Gray Fat Clay		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	9.5	Bottom Depth:	13
Lithology:	Tan Weathered Limestone		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	13	Bottom Depth:	30
Lithology:	Tan Limestone		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" New Plastic Tri-Lock Riser from 0 to 7.0 ft		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" New Plastic Tri-Lock Screen from 7.0 to 27.0 ft .010 Gauge		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**X190
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152204

Database:	Well Report Database	Fid:	152203
Rec id:	152200	Edr site i:	138200
Owner:	Valero Energy Corporation	Ownerwell:	MW3
Address:	P. O. Box 696000, San Antonio , TX 78269		
Grid:	58-42-9	Waddress:	1525 Barton Springs Road, Austin , TX 78704

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lat:	30 15 41 N	County:	Travis
Long:	097 45 36 W	Elevation:	No Data
Gpsused:	map	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 20 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	4 ft to 20 ft	Packsiz:	10/20
Finterval:	From 0 ft to 2 ft with 2 Cement (#sacks and material)		
Sinterval:	From 2 ft to 4 ft with 2 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	No Data	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	8 ft. below land surface on 3/28/2005		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non-Potable
Stratadept:	No Data	Chemicalma:	No
Undesirabl:	No	Companynam:	Vortex Drilling, Inc.
Companyadd:	4412 Bluemel Road	Ccitystate:	San Antonio , TX 78240
Licensenum:	4868	Wsignature:	James E. Neal
Dsignature:	No Data	Regnum:	No Data
Comments:	\$dfs	Site id:	TXDOL2000152204

**X191
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152206

Database:	Well Report Database	Fid:	152205
Rec id:	152202	Edr site i:	138193
Owner:	Valero Energy Corporation	Ownerwell:	MW1
Address:	P. O. Box 696000, San Antonio , TX 78269		
Grid:	58-42-9	Waddress:	1525 Barton Springs Road, Austin , TX 78704
Lat:	30 15 41 N	County:	Travis
Long:	097 45 36 W	Elevation:	No Data
Gpsused:	map	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 35 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	4 ft to 35 ft	Packsiz:	10/20
Finterval:	From 0 ft to 2 ft with 6 Cement (#sacks and material)		
Sinterval:	From 2 ft to 4 ft with 1 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	No Data	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James E. Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	\$dfs
Site id:	TXDOL2000152206		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X192
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152205

Database:	Well Report Database	Fid:	152204
Rec id:	152201	Edr site i:	138196
Owner:	Valero Energy Corporation	Ownerwell:	MW2
Address:	P. O. Box 696000, San Antonio , TX 78269		
Grid:	58-42-9	Waddress:	1525 Barton Springs Road, Austin , TX 78704
Lat:	30 15 41 N	County:	Travis
Long:	097 45 36 W	Elevation:	No Data
Gpsused:	map	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 20 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	Not Reported
Packedfrom:	1.5 ft to 16.5 ft	Packsizes:	10/20
Finterval:	From 0 ft to 1.5 ft with 2 Cement (#sacks and material)		
Sinterval:	From 1 ft to 1.5 ft with 1/3 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	No Data	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	No Data
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non-Potable	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licenseum:	4868
Wsignature:	James E. Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	\$dfs
Site id:	TXDOL2000152205		

X193
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000135959

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	138193	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	35
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2008-04-01	Owner Name:	Valero Energy Corporation
Well #:	MW1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2005-03-28	Drill End Date:	2005-03-28
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	\$dfs Location: Diamond Shamrock #239		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	35
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	4	Bottom Depth:	35
Size:	10/20		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	6 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	4	Annular Seal:	1 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non-Potable		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	1
Lithology:	Black Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	11
Lithology:	Clay, Brown		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	11	Bottom Depth:	35
Lithology:	Clay, Tan/Green		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC .010 5 35 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC 0 5 Riser	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**X194
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000135962

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	138196	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	20
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-04-01	Owner Name:	Valero Energy Corporation
Well #:	MW2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2005-03-28	Drill End Date:	2005-03-28
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	\$dfs Location: Diamond Shamrock #239		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For: Top Depth: Size:	Well Filter 1.5 10/20	Filter Material: Bottom Depth:	Gravel 17
Details Reports For: Bottom Depth: Amount:	Well Seal Range 1.5 Not Reported	Top Depth: Annular Seal: Unit:	1 1/3 Bent/Grout Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 1.5 Not Reported	Top Depth: Annular Seal: Unit:	0 2 Cement Not Reported
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non-Potable	Migrated Strata Depth: Bottom Depth:	Not Reported Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-1 Concrete, Large Material	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 1-2 Clay, Brown, Loose and Silty	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 2-20 Clay, Tan/Green, Dense	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported Set MW2 at 16.5 below ground level	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Sch40 PVC .010 1.5 16.5 Screen Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Sch40 PVC 0 1.5 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

X195
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000135966

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	138200	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	20
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-04-01	Owner Name:	Valero Energy Corporation
Well #:	MW3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2005-03-28	Drill End Date:	2005-03-28
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	\$dfs Location: Diamond Shamrock #239		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	20

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	4	Bottom Depth:	20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Size: 10/20

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	2 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	4	Annular Seal:	2 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Levels	Measurement:	8
Measurement Date:	2005-03-28	Artesian Flow:	Not Reported
Measurement Method:	Unknown		

Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non-Potable		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	1
Lithology:	Concrete, Material		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	9
Lithology:	Clay, Lt. Brown, Loose and Silty		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	2	Bottom Depth:	20
Lithology:	Clay,Tan/Green, Stiff, Dense		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC .010 5 20 Screen	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC 0 5 Riser	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Y196
East
1/2 - 1 Mile
Lower

TX WELLS TXMON5000370928

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	376055	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	15
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2014-09-29	Owner Name:	City of Austin
Well #:	B-05	# Wells Drilled:	Not Reported
Elevation:	479	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2014-09-03	Drill End Date:	2014-09-03
Seal Method:	Poured	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Holt Engineering, Inc.
Driller Name:	John W Webb	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3023	Apprentice Reg #:	59225, 59221

Details Reports For:	Well Bore Hole	Diameter:	4
Top Depth:	0	Bottom Depth:	15

Details Reports For:	Well Drilling Method	Drill Method:	Bored
----------------------	----------------------	---------------	-------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	3.5	Bottom Depth:	15
Size:	10/40 Sand		

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Ready Mix
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
----------------------	-----------------	------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth:	3.5	Annular Seal:	1 Bag Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	3.5
Bottom Depth:	15	Annular Seal:	4 Bags Sand
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	9
Measurement Date:	2014-09-26	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.3
Lithology:	Asphalt		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.3	Bottom Depth:	.8
Lithology:	Base Material		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.8	Bottom Depth:	11
Lithology:	Brown Sandy Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	11	Bottom Depth:	15
Lithology:	Dark Gray Clayshale		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" New Plastic Tri-Lock Riser from 0 to 5.0 Ft	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2" New Plastic Tri-Lock Screen from 5.0 to 15.0 Ft .010 Gauge	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

**197
NNE
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000002653

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	10289	Well Type:	Monitor
Borehole Depth (ft):	18	Well Report #:	Not Reported
Details Reports For:	Plug Data	Submitted Date:	2003-03-17

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner Name:	TRAVIS COUNTY	Well #:	MW 1- 4
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	LUNSFORD
Original License #:	2516	Original Well Use:	Monitor
Original Drill Date:	1999-12-07		
Plug Method:	Tremmie pipe bentonite from bottom to 2 feet from surface, cement top 2 feet		
Plug Date:	2001-10-16	Variance #:	Not Reported
Company Name:	NESCO	Pluggger Name:	DEAN
Driller License:	54583	Apprentice Reg #:	Not Reported
Comments:	ENTERED BY DG	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	6.5
Top Depth:	Not Reported	Bottom Depth:	18

Details Reports For:	Plug Casing	Top Depth:	0
Bottom Depth:	18	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	3
Bottom Depth:	18	Plug Seal:	3
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	3	Plug Seal:	3
Amount:	Not Reported	Unit:	Not Reported

**198
NNE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000256031

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	259668	Well Type:	New Well
Proposed Use:	Irrigation	Borehole Depth (ft):	170
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2011-07-14	Owner Name:	Steve Ogden
Well #:	#1	# Wells Drilled:	Not Reported
Elevation:	485	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Irrigation	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2011-05-26	Drill End Date:	2011-05-31
Seal Method:	Other - Trimmie pipe - Slurry and poured		
Seal Method Desc:	Trimmie pipe - Slurry and poured		
Dist to Septic/Other Contam:	N/A	Distance to Septic Tank:	Not Reported
Dist to Property Line:	N/A	Distance Verify Meth:	Tape - wheel
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Pitless Adapter Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Submersible	Pump Type Desc:	Not Reported
Pump Depth:	160.00	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Bee Cave Drilling
Driller Name:	Charles Coffindaffer	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	58658	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	10 10
Details Reports For: Top Depth:	Well Bore Hole 10	Diameter: Bottom Depth:	8 85
Details Reports For: Top Depth:	Well Bore Hole 85	Diameter: Bottom Depth:	6.75 170
Details Reports For:	Well Drilling Method	Drill Method:	Air Hammer
Details Reports For:	Well Drilling Method	Drill Method:	Air Rotary
Details Reports For:	Well Completion	Borehole Completion:	Open Hole
Details Reports For: Bottom Depth: Amount:	Well Seal Range 20 Not Reported	Top Depth: Annular Seal: Unit:	0 10 / Concrete Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 85 Not Reported	Top Depth: Annular Seal: Unit:	0 8 / Portland Not Reported
Details Reports For: Packers:	Well Packers Neoprene 85'	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Yield: Hours:	Well Test 35 Not Reported	Test Type: Drawdown:	Jetted Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Fresh	Migrated Strata Depth: Bottom Depth:	Not Reported Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0 to 1 Topsoil	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 1 to 10 Tan limestone	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth:	Well Lithology Not Reported	Migrated Sort #: Bottom Depth:	3 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology:	10 to 65 White limestone and small gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	65 to 170 Loss of circulation-large gravel		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	and voids / caves-35 gpm TDS		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	600		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	6.0 New Steel 0 to 85'	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5 New Plastic 0 to 130'	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4.5 New Screen , Mfg. 130' to 170' .050	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

**Y199
East
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000305291

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	309517	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	35
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2013-01-23	Owner Name:	Austin Energy
Well #:	B-2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2013-01-14	Drill End Date:	2013-01-14
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	35
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	35	Annular Seal:	16.5 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-10" Base		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	10"-4 Clay,silty,dk.brw.w/sand,asphalt layers,		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	intermittent gravel,fill		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	4-22 Sand,fine,silty,brw.,moist,@6-7 asphalt		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	22-35 Clay,silty,reddish brw.,v.moist		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**X200
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000269468

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	273241	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2011-12-05	Owner Name:	Barton Springs Saloon
Well #:	MW14	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2011-11-02	Drill End Date:	2011-11-03
Seal Method:	Gravity	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Total Support Services
Driller Name:	Brian Kern	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54611	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8.25
Top Depth:	0	Bottom Depth:	30

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Other - 20/40 Silica Sand
----------------------	-----------------	----------------------	---------------------------

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	12	Annular Seal:	Bentonite
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	0
----------------------	-----------------	------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth:	2	Annular Seal:	Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	5
Lithology:	Brown Sandy Clay		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	22
Lithology:	Tan Silty Sand		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	22	Bottom Depth:	28
Lithology:	Tan Sand		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	28	Bottom Depth:	30
Lithology:	Brown Sandy Clay		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Riser 0/10 Sched. 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Screen 10/30 0.010 Slotted		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**201
NNW
1/2 - 1 Mile
Lower**

TX WELLS TXWDB7000091887

Database:	Groundwater Database	Well #:	5842916
Primary Water Use:	Not Reported	Elevation:	430
Well Depth:	0	Observation Type:	None
Water Quality Review:	Y		
Aquifer:	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)		
Well Type:	Spring		

**Z202
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000099144

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	100754	Well Type:	New Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Proposed Use:	Monitor	Borehole Depth (ft):	45
Injurious Water Quality:	no	Plugging Rpt #:	80105
Submitted Date:	2006-12-22	Owner Name:	KeyBank National Ass.
Well #:	B-3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-12-21	Drill End Date:	2006-12-21
Seal Method:	Gravity	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	W.E.S.T. Drilling
Driller Name:	James Edwin Spaniel	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	80105
Driller License #:	54894	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7.25
Top Depth:	0	Bottom Depth:	45
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	8	Bottom Depth:	45
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	8	Annular Seal:	bentonite 2.5
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	cement 2
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	perment well		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	45
Lithology:	tan limestone		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Migrated Casing Info:	2 new pvc screen 45-10 .010	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc riser 10-0 sch 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**Z203
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000155163

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	157664	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	55
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-10-29	Owner Name:	KeyBank National Ass.
Well #:	B-4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-10-23	Drill End Date:	2008-10-23
Seal Method:	Gravity	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	W.E.S.T.	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	W.E.S.T. Drilling
Driller Name:	James Edwin Spaniel	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54894	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	7.25
Top Depth:	0	Bottom Depth:	55

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Other - backfill
----------------------	-----------------	----------------------	------------------

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	55	Annular Seal:	backfill
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	boring 55-2 backfill		
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	2
Plugback:	2-0 1 cement		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	55
Lithology:	limestone tan		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	boring	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**Z204
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000099142

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	100752	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	45
Injurious Water Quality:	no	Plugging Rpt #:	80103
Submitted Date:	2006-12-22	Owner Name:	KeyBank National Ass.
Well #:	B-1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-12-20	Drill End Date:	2006-12-20
Seal Method:	Gravity	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	W.E.S.T. Drilling
Driller Name:	James Edwin Spaniel	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	80103
Driller License #:	54894	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7.25

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	0	Bottom Depth:	45
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	23	Bottom Depth:	45
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	23	Annular Seal:	bentonite 5.5
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	cement 2
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	perment well		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	10
Lithology:	sandy tan limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	10	Bottom Depth:	45
Lithology:	tan limestone		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc screen 45-25 .010	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc riser 25-0 sch 40	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Z205
WSW
1/2 - 1 Mile
Higher

TX WELLS TXMON5000099143

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	100753	Borehole Depth (ft):	45
Proposed Use:	Monitor	Plugging Rpt #:	80104
Injurious Water Quality:	no		
Submitted Date:	2006-12-22	Owner Name:	KeyBank National Ass.
Well #:	B-2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-12-20	Drill End Date:	2006-12-21
Seal Method:	Gravity	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	W.E.S.T. Drilling
Driller Name:	James Edwin Spaniel	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	80104
Driller License #:	54894	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	7.25
Top Depth:	0	Bottom Depth:	45
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	8	Bottom Depth:	45
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	cement 2
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	8	Annular Seal:	bentonite 2.5
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	perment well		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	3
Lithology:	clay br w/ limestone fragments		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	3	Bottom Depth:	10
Lithology:	sandy tan limestone		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	10	Bottom Depth:	45
Lithology:	tan limestone		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc screen 45-10 .010		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc riser 10-0 sch 40		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**Z206
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXMON5000155164

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	157665	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	53
Injurious Water Quality:	no	Plugging Rpt #:	80106
Submitted Date:	2008-10-29	Owner Name:	KeyBank National Ass.
Well #:	MW-4 /B-5	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-10-23	Drill End Date:	2008-10-23
Seal Method:	Gravity	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	W.E.S.T.	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	W.E.S.T. Drilling
Driller Name:	James Edwin Spaniel	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	80106
Driller License #:	54894	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Bore Hole	Diameter:	7.25
Top Depth:	0	Bottom Depth:	53
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	11	Bottom Depth:	53
Size:	16-30		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	11	Annular Seal:	4
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	perment well		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	53
Lithology:	limestone tan		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc screen 53-13 .010	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 new pvc riser 13-0 sch. 40	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

**Z207
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000047705

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	80105	Well Type:	Monitor
Borehole Depth (ft):	45	Well Report #:	100754

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Plug Data	Submitted Date:	2012-03-01
Owner Name:	Key Bank National Ass.	Well #:	B3
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	James Spaniel
Original License #:	54894	Original Well Use:	Monitor
Original Drill Date:	2006-12-20		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2012-02-23	Variance #:	Not Reported
Company Name:	Total Support Services	Plugger Name:	Craig Perryman
Driller License:	54611	Apprentice Reg #:	57460
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	7.25
Top Depth:	Not Reported	Bottom Depth:	45

**Z208
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000047712

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	80106	Well Type:	Monitor
Borehole Depth (ft):	53	Well Report #:	157665

Details Reports For:	Plug Data	Submitted Date:	2012-03-01
Owner Name:	Key Bank National Ass.	Well #:	MW4/B5
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	James Spaniel
Original License #:	54894	Original Well Use:	Monitor
Original Drill Date:	2008-10-23		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2012-02-23	Variance #:	Not Reported
Company Name:	Total Support Services	Plugger Name:	Craig Perryman
Driller License:	54611	Apprentice Reg #:	57460
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	7.25
Top Depth:	Not Reported	Bottom Depth:	53

**Z209
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000047703

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	80103	Well Type:	Monitor
Borehole Depth (ft):	45	Well Report #:	100752

Details Reports For:	Plug Data	Submitted Date:	2012-03-01
Owner Name:	Key Bank National Ass.	Well #:	B1
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	James Spaniel

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Original License #:	54894	Original Well Use:	Monitor
Original Drill Date:	2006-12-20		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2012-02-23	Variance #:	Not Reported
Company Name:	Total Support Services	Plugger Name:	Craig Perryman
Driller License:	54611	Apprentice Reg #:	57460
Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Bore Hole	Diameter:	7.25
Top Depth:	Not Reported	Bottom Depth:	45

**Z210
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXPLU5000047704

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	80104	Well Type:	Monitor
Borehole Depth (ft):	45	Well Report #:	100753
Details Reports For:	Plug Data	Submitted Date:	2012-03-01
Owner Name:	Key Bank National Ass.	Well #:	B2
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	James Spaniel
Original License #:	54894	Original Well Use:	Monitor
Original Drill Date:	2006-12-20		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2012-02-23	Variance #:	Not Reported
Company Name:	Total Support Services	Plugger Name:	Craig Perryman
Driller License:	54611	Apprentice Reg #:	57460
Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Bore Hole	Diameter:	7.25
Top Depth:	Not Reported	Bottom Depth:	45

**Z211
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXDOL2000153017

Database:	Well Report Database	Fid:	153016
Rec id:	153006	Edr site i:	100754
Owner:	KeyBank National Ass.	Ownerwell:	B-3
Address:	911 Main Street Suite 1500, Kansas City ,MO64105		
Grid:	58-42-9	Waddress:	1300 Spyglass Dr, Austin , TX 78746
Lat:	30 15 41 N	County:	Travis
Long:	097 47 14 W	Elevation:	No Data
Gpsused:	Garmin	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	7.25 in From Surface To 45 ft
Dmethod:	Hollow Stem Auger	Bcompleteio:	Not Reported
Packedfrom:	45 ft to 8 ft	Packsizes:	20/40
Finterval:	From 8 ft to 2 ft with bentonite 2.5 (#sacks and material)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sinterval:	From 2 ft to 0 ft with cement 2 (#sacks and material)	Usedmethod:	gravity
Tinterval:	No Data	Contaminat:	No Data
Cementedby:	James Spaniel	Verrimetho:	No Data
Propertyli:	No Data	Surface:	Surface Slab Installed
Varriance:	No Data	Flow:	No Data
Staticleve:	No Data	Cementinwe:	Not Reported
Packers:	No Data	Pumpbowl:	Not Reported
Typepump:	No Data	Yield:	Not Reported
Welltests:	No Data	Stratadept:	No Data
Watertype:	No Data	Undesirabl:	No
Chemicalma:	No	Companyadd:	101 Industrial
Companynam:	W.E.S.T. Drilling	Licensenum:	54894
Ccitystate:	Waxahachie , TX 75165	Dsignature:	No Data
Wsignature:	James Spaniel	Comments:	No Data
Regnum:	No Data		
Site id:	TXDOL2000153017		

**Z212
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXDOL2000153018

Database:	Well Report Database	Fid:	153017
Rec id:	153007	Edr site i:	100753
Owner:	KeyBank National Ass.	Ownerwell:	B-2
Address:	911 Main Street Suite 1500, Kansas City ,MO64105	Waddress:	1300 Spyglass Dr, Austin , TX 78746
Grid:	58-42-9	County:	Travis
Lat:	30 15 41 N	Elevation:	No Data
Long:	097 47 14 W	Typeofwork:	New Well
Gpsused:	Garmin	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	7.25 in From Surface To 45 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	20/40
Packedfrom:	45 ft to 8 ft		
Finterval:	From 8 ft to 2 ft with bentonite 2.5 (#sacks and material)		
Sinterval:	From 2 ft to 0 ft with cement 2 (#sacks and material)		
Tinterval:	No Data	Usedmethod:	gravity
Cementedby:	James Spaniel	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	W.E.S.T. Drilling	Companyadd:	101 Industrial
Ccitystate:	Waxahachie , TX 75165	Licensenum:	54894
Wsignature:	James Spaniel	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000153018		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Z213
WSW
1/2 - 1 Mile
Higher

TX WELLS TXDOL2000152981

Database:	Well Report Database	Fid:	152980
Rec id:	153008	Edr site i:	100752
Owner:	KeyBank National Ass.	Ownerwell:	B-1
Address:	911 Main Street Suite 1500, Kansas City ,MO64105		
Grid:	58-42-9	Waddress:	1300 Spyglass Dr, Austin , TX 78746
Lat:	30 15 41 N	County:	Travis
Long:	097 47 14 W	Elevation:	No Data
Gpsused:	Garmin	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	7.25 in From Surface To 45 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	45 ft to 23 ft	Packsiz:	20/40
Finterval:	From 23 ft to 2 ft with bentonite 5.5 (#sacks and material)		
Sinterval:	From 2 ft to 0 ft with cement 2 (#sacks and material)		
Tinterval:	No Data	Usedmethod:	gravity
Cementedby:	James Spaniel	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	W.E.S.T. Drilling	Companyadd:	101 Industrial
Citystate:	Waxahachie , TX 75165	Licenseum:	54894
Wsignature:	James Spaniel	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152981		

Z214
WSW
1/2 - 1 Mile
Higher

TX WELLS TXDOL2000151692

Database:	Well Report Database	Fid:	151691
Rec id:	151684	Edr site i:	157665
Owner:	KeyBank National Ass.	Ownerwell:	MW-4 /B-5
Address:	911 Main Street Suite 1500, Kansas City ,MO64105		
Grid:	58-42-9	Waddress:	1300 Spyglass Dr., Austin , TX 78746
Lat:	30 15 41 N	County:	Travis
Long:	097 47 14 W	Elevation:	No Data
Gpsused:	garmin	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	7.25 in From Surface To 53 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	53 ft to 11 ft	Packsiz:	16-30
Finterval:	From 11 ft to 2 ft with 4 (#sacks and material)		
Sinterval:	From 2 ft to 0 ft with 1 cement (#sacks and material)		
Tinterval:	No Data	Usedmethod:	gravity
Cementedby:	W.E.S.T.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticlevel:	No Data	Flow:	No Data
Packers:	No Data	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No	Undesirabl:	No
Companynam:	W.E.S.T. Drilling	Companyadd:	101 Industrial Drive
Ccitystate:	Waxahachie , TX 75165	Licensenum:	54894
Wsignature:	James Spaniel	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000151692		

**Z215
WSW
1/2 - 1 Mile
Higher**

TX WELLS TXDOL2000151693

Database:	Well Report Database	Fid:	151692
Rec id:	151685	Edr site i:	157664
Owner:	KeyBank National Ass.	Ownerwell:	B-4
Address:	911 Main Street Suite 1500, Kansas City ,MO64105	Waddress:	1300 Spyglass Dr., Austin , TX 78746
Grid:	58-42-9	County:	Travis
Lat:	30 15 41 N	Elevation:	No Data
Long:	097 47 14 W	Typeofwork:	New Well
Gpsused:	garmin	Sdate:	Not Reported
Propuse:	Environmental Soil Boring	Diameter:	7.25 in From Surface To 55 ft
Completedd:	Not Reported	Bcompleto:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	Not Reported
Packedfrom:	Not Reported		
Finterval:	From 55 ft to 2 ft with backfill (#sacks and material)		
Sinterval:	From 2 ft to 0 ft with 1 cement (#sacks and material)	Usedmethod:	gravity
Tinterval:	No Data	Contaminat:	No Data
Cementedby:	W.E.S.T.	Verrimetho:	No Data
Propertyli:	No Data	Surface:	Surface Slab Installed
Varriance:	No Data	Flow:	No Data
Staticlevel:	No Data	Cementinwe:	Not Reported
Packers:	No Data	Pumpbowl:	Not Reported
Typepump:	No Data	Yield:	Not Reported
Welltests:	No Data	Stratadept:	No Data
Watertype:	No Data	Undesirabl:	No
Chemicalma:	No	Companyadd:	101 Industrial Drive
Companynam:	W.E.S.T. Drilling	Licensenum:	54894
Ccitystate:	Waxahachie , TX 75165	Dsignature:	No Data
Wsignature:	James Spaniel	Comments:	No Data
Regnum:	No Data		
Site id:	TXDOL2000151693		

**X216
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152773

Database:	Well Report Database	Fid:	152772
Rec id:	152768	Edr site i:	110246
Owner:	Barton Place	Ownerwell:	MW2
Address:	1600 Barton Springs Road, Austin , TX 78704	Waddress:	1600 Barton Springs Road, Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 41 N		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Long:	097 45 32 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 40 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	40 ft to 23 ft	Packsizes:	20/40
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 23 ft with 12 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	31 ft. below land surface on 4/4/2007		
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non Potable
Stratadept:	31 ft.	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	Vortex Drilling, Inc.
Companyadd:	4412 Bluemel Road	Ccystate:	San Antonio , TX 78240
Licensenum:	4868	Wsignature:	John E. Talbot
Dsignature:	Martin Casarez	Regnum:	57214
Comments:	No Data	Site id:	TXDOL2000152773

**X217
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152774

Database:	Well Report Database	Fid:	152773
Rec id:	152769	Edr site i:	110244
Owner:	Barton Place	Ownerwell:	MW1
Address:	1600 Barton Springs Road, Austin , TX 78704		
Grid:	58-42-9	Waddress:	1600 Barton Springs Road, Austin , TX 78704
Lat:	30 15 41 N	County:	Travis
Long:	097 45 32 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 37 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	37 ft to 25 ft	Packsizes:	20/40
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 25 ft with 12 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	30 ft. below land surface on 4/4/2007		
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non Potable
Stratadept:	30 ft.	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	Vortex Drilling, Inc.
Companyadd:	4412 Bluemel Road	Ccystate:	San Antonio , TX 78240
Licensenum:	4868	Wsignature:	John E. Talbot
Dsignature:	Martin Casarez	Regnum:	57214
Comments:	No Data	Site id:	TXDOL2000152774

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X218
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152770

Database:	Well Report Database	Fid:	152769
Rec id:	152765	Edr site i:	110249
Owner:	Barton Place	Ownerwell:	SB1-SB3
Address:	1600 Barton Springs Road, Austin , TX 78704		
Grid:	58-42-9	Waddress:	1600 Barton Springs Road, Austin , TX 78704
Lat:	30 15 41 N	County:	Travis
Long:	097 45 32 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 5 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	Not Reported	Packsiz:	Not Reported
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 5 ft with 1 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	Non Potable	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licenseum:	4868
Wsignature:	John E. Talbot	Dsignature:	Martin Casarez
Regnum:	57214	Comments:	This log is for three identical borings.
Site id:	TXDOL2000152770		

X219
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152771

Database:	Well Report Database	Fid:	152770
Rec id:	152766	Edr site i:	110248
Owner:	Barton Place	Ownerwell:	MW3
Address:	1600 Barton Springs Road, Austin , TX 78704		
Grid:	58-42-9	Waddress:	1600 Barton Springs Road, Austin , TX 78704
Lat:	30 15 41 N	County:	Travis
Long:	097 45 32 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 35 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	35 ft to 23 ft	Packsiz:	20/40
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 23 ft with 12 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticlevel:	30 ft. below land surface on 4/4/2007	Packers:	N/A
Flow:	No Data	Typepump:	No Data
Cementinwe:	Not Reported	Welltests:	No Data
Pumpbowl:	Not Reported	Watertype:	Non Potable
Yield:	Not Reported	Chemicalma:	No Data
Stratadept:	30 ft.	Companynam:	Vortex Drilling, Inc.
Undesirabl:	No Data	Ccitystate:	San Antonio , TX 78240
Companyadd:	4412 Bluemel Road	Wsignature:	John E. Talbot
Licensenum:	4868	Regnum:	57214
Dsignature:	Martin Casarez	Site id:	TXDOL2000152771
Comments:	No Data		

X220
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000108506

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	110249	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	5
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-04-26	Owner Name:	Barton Place
Well #:	SB1-SB3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-04	Drill End Date:	2007-04-04
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	This log is for three identical borings.		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	57214
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	5
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	5	Annular Seal:	1 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	Not Reported
Measurement Date:	2007-04-04	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non Potable		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	4
Lithology:	Clay moderate brown slightly moist stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	4	Bottom Depth:	5
Lithology:	Silty clay light brown moist plastic		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**X221
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000269466

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	273239	Borehole Depth (ft):	30
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2011-12-05	Owner Name:	Barton Springs Saloon
Well #:	MW3A	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2011-11-02	Drill End Date:	2011-11-03
Seal Method:	Gravity	Seal Method Desc:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Total Support Services
Driller Name:	Brian Kern	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54611	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8.25
Top Depth:	0	Bottom Depth:	30

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Other - 20/40 Silica Sand
----------------------	-----------------	----------------------	---------------------------

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	Concrete
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	12	Annular Seal:	Bentonite
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.2
Lithology:	Asphalt		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.2	Bottom Depth:	4
Lithology:	Brown Clay and limestone Fill		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	4	Bottom Depth:	23
Lithology:	Brown Sandy Clay		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	23	Bottom Depth:	28
Lithology:	Brown Clayey Sand		

Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	28	Bottom Depth:	30
Lithology:	Brown Sand		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Riser 0/14.5 Sched. 40	Casing Status:	Not Reported
Diameter:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Screen 14.5/29.5 0.010 Slotted		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

**X222
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXPLU5000029226

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	90088	Well Type:	Monitor
Borehole Depth (ft):	30	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 9
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugging Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	30

Details Reports For:	Plug Casing	Top Depth:	25
Bottom Depth:	30	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	30	Plug Seal:	2 Bentonite
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

X223
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000108501

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	110244	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	37
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2007-04-26	Owner Name:	Barton Place
Well #:	MW1	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-04	Drill End Date:	2007-04-04
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	57214
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	37
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	25	Bottom Depth:	37
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	25	Annular Seal:	12 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	30
Measurement Date:	2007-04-04	Artesian Flow:	Not Reported
Measurement Method:	Unknown		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non Potable	Migrated Strata Depth: Bottom Depth:	30 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Clay moderate brown slightly moist stiff	Migrated Sort #: Bottom Depth:	0 2
Details Reports For: Top Depth: Lithology:	Well Lithology 2 Silty clay light brown moist plastic	Migrated Sort #: Bottom Depth:	0 10
Details Reports For: Top Depth: Lithology:	Well Lithology 10 Sandy clay with gravel light brown moist plastic	Migrated Sort #: Bottom Depth:	0 30
Details Reports For: Top Depth: Lithology:	Well Lithology 30 Sand tan fine grained wet	Migrated Sort #: Bottom Depth:	0 37
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Sch 40 PVC .010 37 - 27 Screen Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Sch 40 PVC 27 - 0 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Casing Status: Casing Type: Gauge:	Well Casing Not Reported 2 New Top & Bottom Cap Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Diameter: Casing Material: Schedule:	3 Not Reported Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

X224
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000108503

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	110246	Borehole Depth (ft):	40
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		
Submitted Date:	2007-04-26	Owner Name:	Barton Place
Well #:	MW2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-04	Drill End Date:	2007-04-04
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	57214
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	23	Bottom Depth:	40
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	23	Annular Seal:	12 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	31
Measurement Date:	2007-04-04	Artesian Flow:	Not Reported
Measurement Method:	Unknown		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non Potable	Migrated Strata Depth: Bottom Depth:	31 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-2" Concrete	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 2"-3 Clay moderate brown slightly moist stiff	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 3-15 Silty clay light brown moist plastic	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 15-27 Sandy clay with gravel light brown moist	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 27-35 Sand tan fine grained. Wet at 31	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 35-40 Gravel poorly sorted wet	Migrated Sort #: Bottom Depth:	6 Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Sch 40 PVC .010 40 - 25 Screen Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Sch 40 PVC 25 - 0 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth:	Well Casing Not Reported	Migrated Sort #: Bottom Depth:	3 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Migrated Casing Info:	2 New Top & Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**X225
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000108505

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	110248	Borehole Depth (ft):	35
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	Not Reported		

Submitted Date:	2007-04-26	Owner Name:	Barton Place
Well #:	MW3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-04-04	Drill End Date:	2007-04-04
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	57214

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	35

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	23	Bottom Depth:	35
Size:	20/40		

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	23	Annular Seal:	12 Bentonite
Amount:	Not Reported	Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Levels	Measurement:	30
Measurement Date:	2007-04-04	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Strata	Migrated Strata Depth:	30
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non Potable		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-2" Concrete		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	2"-3 Clay moderate brown slightly moist stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	3-10 Silty clay light brown moist plastic		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	10-15 Sandy clay with gravel brown moist		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	15-27 Sand tan fine grained		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	27-35 Gravel poorly sorted wet at 30		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch 40 PVC .010 35 - 25 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch 40 PVC 25 - 0 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top & Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

X226
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000029227

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	90089	Well Type:	Monitor
Borehole Depth (ft):	0	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 11
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plunger Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Casing	Top Depth:	15
Bottom Depth:	30	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	30	Plug Seal:	2 Bentonite
Amount:	Not Reported	Unit:	Not Reported

X227
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000029231

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	90092	Well Type:	Monitor
Borehole Depth (ft):	30	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
----------------------	-----------	-----------------	------------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner Name:	Mr. Moton Crockett III	Well #:	See Notes
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugger Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	MW 4,5,7,10,12,13,14	Comments:	Not Reported
Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	30
Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	6 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	30	Plug Seal:	8 Bentonite
Amount:	Not Reported	Unit:	Not Reported

**X228
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXPLU5000029235

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	90090	Well Type:	Monitor
Borehole Depth (ft):	30	Well Report #:	Not Reported
Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 11
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugger Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported
Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	30
Details Reports For:	Plug Casing	Top Depth:	15
Bottom Depth:	30	Diameter:	2
Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 Cement

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	30	Plug Seal:	2 Bentonite
Amount:	Not Reported	Unit:	Not Reported

X229
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000029242

Database:	Submitted Drillers Reports Database (Plugged)	Well Type:	Monitor
Plugging Rpt #:	90091	Well Report #:	Not Reported
Borehole Depth (ft):	30		

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 6
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugging Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	4
Top Depth:	Not Reported	Bottom Depth:	30

Details Reports For:	Plug Casing	Top Depth:	0
Bottom Depth:	30	Diameter:	4

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	30	Plug Seal:	2 Bentonite
Amount:	Not Reported	Unit:	Not Reported

X230
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000029228

Database:	Submitted Drillers Reports Database (Plugged)	Well Type:	Monitor
Plugging Rpt #:	90085	Well Report #:	Not Reported
Borehole Depth (ft):	25		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 1
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugging Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	25

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	25	Plug Seal:	2 Bentonite
Amount:	Not Reported	Unit:	Not Reported

**X231
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXPLU5000029229

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	90086	Well Type:	Monitor
Borehole Depth (ft):	25	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 2,3
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugging Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	25

Details Reports For:	Plug Casing	Top Depth:	0
Bottom Depth:	25	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
----------------------	------------	------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth:	2	Plug Seal:	2 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	25	Plug Seal:	4 Bentonite
Amount:	Not Reported	Unit:	Not Reported

X232
ESE
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000029230

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	90087	Well Type:	Monitor
Borehole Depth (ft):	30	Well Report #:	Not Reported

Details Reports For:	Plug Data	Submitted Date:	2013-09-25
Owner Name:	Mr. Moton Crockett III	Well #:	MW 3A
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Monitor
Original Drill Date:	Not Reported		
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		
Plug Date:	2013-09-24	Variance #:	Not Reported
Company Name:	Strata Core Services, LLC	Plugging Name:	Brad Eskue
Driller License:	58164	Apprentice Reg #:	Not Reported
Comments:	No Data	Comments:	Not Reported

Details Reports For:	Plug Bore Hole	Diameter:	2
Top Depth:	Not Reported	Bottom Depth:	30

Details Reports For:	Plug Casing	Top Depth:	0
Bottom Depth:	20	Diameter:	2

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	2	Plug Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Plug Range	Top Depth:	2
Bottom Depth:	30	Plug Seal:	2 Bentonite
Amount:	Not Reported	Unit:	Not Reported

233
SW
1/2 - 1 Mile
Lower

TX WELLS TXPLU5000008542

Database:	Submitted Drillers Reports Database (Plugged)		
Plugging Rpt #:	23596	Well Type:	Withdrawal of Water
Borehole Depth (ft):	240	Well Report #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Plug Data	Submitted Date:	2005-04-14
Owner Name:	HM Villas at Treemont LTD	Well #:	Not Reported
# Wells Plugged:	Not Reported	Elevation:	Not Reported
Original Company Name:	Not Reported	Original Driller:	Not Reported
Original License #:	Not Reported	Original Well Use:	Withdrawal of Water
Original Drill Date:	Not Reported	Plug Method:	Other - See Comments
Plug Date:	2005-04-11	Variance #:	Not Reported
Company Name:	David McDearmon	Pluggers Name:	David McDearmon
Driller License:	2563	Apprentice Reg #:	Not Reported
Comments:	Poured cement slurry from bottom to top. 73 bags. Pump and pipe was dropped in the well and had to plug the well by hand. Amended 5/5/05 Ref# 1476		
Comments:	Not Reported		

Details Reports For:	Plug Bore Hole	Diameter:	5
Top Depth:	Not Reported	Bottom Depth:	240

Details Reports For:	Plug Casing	Top Depth:	5
Bottom Depth:	20	Diameter:	5

Details Reports For:	Plug Range	Top Depth:	0
Bottom Depth:	240	Plug Seal:	73 bags cement
Amount:	Not Reported	Unit:	Not Reported

**AA234
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000151416

Database:	Well Report Database	Fid:	151415
Rec id:	151411	Edr site i:	178182
Owner:	Barton Springs Texaco	Ownerwell:	MW-7
Address:	424 South Lamar Blvd., Austin , TX 78704	Waddress:	424 South Lamar Blvd., Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 43 N	Elevation:	No Data
Long:	097 45 30 W	Typeofwork:	New Well
Gpsused:	Google Earth	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	6 in From Surface To 31 ft
Completedd:	Not Reported	Bcompleteio:	Not Reported
Dmethod:	Hollow Stem Auger	Packsizes:	10/20
Packedfrom:	30 ft to 8 ft		
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 8 ft with 2.5 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	25 ft. below land surface on 9/6/2006		
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non-Potable
Stratadept:	25 ft.	Chemicalma:	No
Undesirabl:	No	Companynam:	Vortex Drilling, Inc.
Companyadd:	4412 Bluemel Road	Ccitystate:	San Antonio , TX 78240
Licensenum:	4868	Wsignature:	James E. Neal
Dsignature:	No Data	Regnum:	No Data
Comments:	Client requested change.	Site id:	TXDOL2000151416

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AA235
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000151417

Database:	Well Report Database	Fid:	151416
Rec id:	151412	Edr site i:	178179
Owner:	Barton Springs Texaco	Ownerwell:	MW-6
Address:	424 South Lamar Blvd., Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Blvd., Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 31 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	29.5 ft to 7.5 ft	Packsiz:	10/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 7.5 ft with 2.5 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	26 ft. below land surface on 9/6/2006		
Flow:	No Data	Packers:	N/A
Cementinwe:	Not Reported	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non-Potable
Stratadept:	26 ft.	Chemicalma:	No
Undesirabl:	No	Companynam:	Vortex Drilling, Inc.
Companyadd:	4412 Bluemel Road	Ccitystate:	San Antonio , TX 78240
Licensenum:	4868	Wsignature:	James E. Neal
Dsignature:	No Data	Regnum:	No Data
Comments:	Client requested change.	Site id:	TXDOL2000151417

AA236
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000151418

Database:	Well Report Database	Fid:	151417
Rec id:	151413	Edr site i:	178177
Owner:	Barton Springs Texaco	Ownerwell:	MW-5
Address:	424 South Lamar Blvd., Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Blvd., Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 31 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	30 ft to 8 ft	Packsiz:	10/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 8 ft with 2.5 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticlevel:	27 ft. below land surface on 9/6/2006	Packers:	N/A
Flow:	No Data	Typepump:	No Data
Cementinwe:	Not Reported	Welltests:	No Data
Pumpbowl:	Not Reported	Watertype:	Non-Potable
Yield:	Not Reported	Chemicalma:	No
Stratadept:	27 ft.	Companynam:	Vortex Drilling, Inc.
Undesirabl:	No	Ccitystate:	San Antonio , TX 78240
Companyadd:	4412 Bluemel Road	Wsignature:	James E. Neal
Licensenum:	4868	Regnum:	No Data
Dsignature:	No Data	Site id:	TXDOL2000151418
Comments:	Client requested change.		

**AA237
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000151413

Database:	Well Report Database	Fid:	151412
Rec id:	151408	Edr site i:	178187
Owner:	Barton Springs Texas	Ownerwell:	B-10
Address:	424 South Lamar Blvd., Austin , TX 78704	Waddress:	424 South Lamar Blvd., Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 43 N	Elevation:	No Data
Long:	097 45 30 W	Typeofwork:	New Well
Gpsused:	Google Earth	Sdate:	Not Reported
Propuse:	Environmental Soil Boring	Diameter:	2 in From Surface To 10 ft
Completedd:	Not Reported	Bcompleto:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	Not Reported
Packedfrom:	Not Reported	Usedmethod:	Hand Mixed
Finterval:	From 0 ft to 2 ft with 0.64 Cement (#sacks and material)	Contaminat:	No Data
Sinterval:	From 2 ft to 10 ft with 1 Bent/Grout (#sacks and material)	Verrimetho:	No Data
Tinterval:	No Data	Surface:	Alternative Procedure Used
Cementedby:	Vortex Drilling, Inc.	Flow:	No Data
Propertyli:	No Data	Cementinwe:	Not Reported
Varriance:	No Data	Pumpbowl:	Not Reported
Staticlevel:	No Data	Yield:	Not Reported
Packers:	N/A	Stratadept:	No Data
Typepump:	No Data	Undesirabl:	No Data
Welltests:	No Data	Companyadd:	4412 Bluemel Road
Watertype:	No Data	Licensenum:	4868
Chemicalma:	No Data	Dsignature:	No Data
Companynam:	Vortex Drilling, Inc.	Comments:	Client requested change.
Ccitystate:	San Antonio , TX 78240		
Wsignature:	James E. Neal		
Regnum:	No Data		
Site id:	TXDOL2000151413		

**AA238
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000151414

Database:	Well Report Database	Fid:	151413
Rec id:	151409	Edr site i:	178186
Owner:	Barton Springs Texas	Ownerwell:	B-9
Address:	424 South Lamar Blvd., Austin , TX 78704	Waddress:	424 South Lamar Blvd., Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 43 N		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Environmental Soil Boring	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	2 in From Surface To 10 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	Not Reported	Packsizes:	Not Reported
Finterval:	From 0 ft to 2 ft with 0.64 Cement (#sacks and material)		
Sinterval:	From 2 ft to 10 ft with 1 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James E. Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	Client requested change.
Site id:	TXDOL2000151414		

**AA239
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000151415

Database:	Well Report Database	Fid:	151414
Rec id:	151410	Edr site i:	178184
Owner:	Barton Springs Texaco	Ownerwell:	B-8
Address:	424 South Lamar Blvd., Austin , TX 78704	Waddress:	424 South Lamar Blvd., Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 43 N	Elevation:	No Data
Long:	097 45 30 W	Typeofwork:	New Well
Gpsused:	Google Earth	Sdate:	Not Reported
Propuse:	Environmental Soil Boring	Diameter:	2 in From Surface To 10 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Hollow Stem Auger	Packsizes:	Not Reported
Packedfrom:	Not Reported		
Finterval:	From 0 ft to 2 ft with 0.64 Cement (#sacks and material)	Usedmethod:	Hand Mixed
Sinterval:	From 2 ft to 10 ft with 1 Bent/Grout (#sacks and material)	Contaminat:	No Data
Tinterval:	No Data	Verrimetho:	No Data
Cementedby:	Vortex Drilling, Inc.	Surface:	Alternative Procedure Used
Propertyli:	No Data	Flow:	No Data
Varriance:	No Data	Cementinwe:	Not Reported
Staticleve:	No Data	Pumpbowl:	Not Reported
Packers:	N/A	Yield:	Not Reported
Typepump:	No Data	Stratadept:	No Data
Welltests:	No Data	Undesirabl:	No Data
Watertype:	No Data	Companyadd:	4412 Bluemel Road
Chemicalma:	No Data	Licensenum:	4868
Companynam:	Vortex Drilling, Inc.	Dsignature:	No Data
Ccitystate:	San Antonio , TX 78240	Comments:	Client requested change.
Wsignature:	James E. Neal		
Regnum:	No Data		
Site id:	TXDOL2000151415		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AA240
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152197

Database:	Well Report Database	Fid:	152196
Rec id:	152193	Edr site i:	138587
Owner:	Barton Springs Texaco	Ownerwell:	B-16/MW-13
Address:	424 South Lamar Boulevard, Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Boulevard, Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 30 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	30 ft to 13 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 2 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 4 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licenseum:	4868
Wsignature:	James E. Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152197		

AA241
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152281

Database:	Well Report Database	Fid:	152280
Rec id:	152276	Edr site i:	134181
Owner:	Barton Springs Texaco	Ownerwell:	SB-14/MW-11
Address:	424 South Lamar Boulevard, Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Boulevard, Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 31 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	31 ft to 13 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 5.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	3180
Wsignature:	John E. Talbot	Dsignature:	Martin Casarez
Regnum:	57214	Comments:	No Data
Site id:	TXDOL2000152281		

AA242
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152929

Database:	Well Report Database	Fid:	152928
Rec id:	152922	Edr site i:	105083
Owner:	Barton Springs Texaco	Ownerwell:	MW8-B11
Address:	424 South Lamar Blvd., Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 S. Lamar Blvd., Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 30 ft
Dmethod:	Bored	Bcompleteio:	Not Reported
Packedfrom:	30 ft to 8 ft	Packsizes:	10/20
Finterval:	From 0 ft to 2 ft with 1 Concrete (#sacks and material)		
Sinterval:	From 2 ft to 8 ft with 2.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Surface Slab Installed
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	3180
Wsignature:	John E. Talbot	Dsignature:	Martin Casarez
Regnum:	1638	Comments:	No Data
Site id:	TXDOL2000152929		

AA243
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000153216

Database:	Well Report Database	Fid:	153215
Rec id:	153276	Edr site i:	93966
Owner:	BARTON SPRINGS TEXACO	Ownerwell:	MW-4
Address:	424 SOUTH LAMAR BLVD, AUSTIN , TX 78704		
Grid:	58-42-9	Waddress:	424 SOUTH LAMAR BLVD, AUSTIN , TX 78704
Lat:	30 15 43 N	County:	Travis

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Long:	097 45 30 W	Elevation:	No Data
Gpsused:	GEOCODE	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	6 in From Surface To 30 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	30 ft to 8 ft	Packsizes:	10/20
Finterval:	From 0 ft to 2 ft with 1 CEMENT (#sacks and material)		
Sinterval:	From 2 ft to 8 ft with 2.5 BENT/GROUT (#sacks and material)		
Tinterval:	No Data	Usedmethod:	HAND MIXED
Cementedby:	VORTEX DRILLING	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	24 ft. below land surface on 9/6/2006		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	NON-POTABLE
Stratadept:	No Data	Chemicalma:	No Data
Undesirabl:	No Data	Companynam:	VORTEX DRILLING INC.
Companyadd:	4412 BLUEMEL ROAD	Ccitystate:	SAN ANTONIO , TX 78240
Licensenum:	4868	Wsignature:	JAMES E. NEAL
Dsignature:	NONE	Regnum:	NONE
Comments:	NONE	Site id:	TXDOL2000153216

**AA244
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152198

Database:	Well Report Database	Fid:	152197
Rec id:	152194	Edr site i:	138585
Owner:	Barton Springs Texaco	Ownerwell:	B-15/MW-12
Address:	424 South Lamar Boulevard, Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Boulevard, Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 30 ft
Dmethod:	Hollow Stem Auger	Bcompletio:	Not Reported
Packedfrom:	30 ft to 13 ft	Packsizes:	12/20
Finterval:	From 0 ft to 2 ft with 2 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 4 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling, Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	4868
Wsignature:	James E. Neal	Dsignature:	No Data
Regnum:	No Data	Comments:	No Data
Site id:	TXDOL2000152198		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AA245
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152249

Database:	Well Report Database	Fid:	152248
Rec id:	152278	Edr site i:	134177
Owner:	Barton Springs Texaco	Ownerwell:	SB-13/MW-10
Address:	424 South Lamar Boulevard, Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Boulevard, Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 31 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	31 ft to 13 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 5.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licenseum:	3180
Wsignature:	John E. Talbot	Dsignature:	Martin Casarez
Regnum:	57214	Comments:	No Data
Site id:	TXDOL2000152249		

AA246
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152251

Database:	Well Report Database	Fid:	152250
Rec id:	152280	Edr site i:	134174
Owner:	Barton Springs Texaco	Ownerwell:	SB-12/MW-9
Address:	424 South Lamar Boulevard, Austin , TX 78704		
Grid:	58-42-9	Waddress:	424 South Lamar Boulevard, Austin , TX 78704
Lat:	30 15 43 N	County:	Travis
Long:	097 45 30 W	Elevation:	No Data
Gpsused:	Google Earth	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	8 in From Surface To 31 ft
Dmethod:	Hollow Stem Auger	Bcompleto:	Not Reported
Packedfrom:	31 ft to 13 ft	Packsiz:	12/20
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 5.5 Bentonite (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	Vortex Drilling, Inc.	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Staticlevel:	No Data	Flow:	No Data
Packers:	N/A	Cementinwe:	Not Reported
Typepump:	No Data	Pumpbowl:	Not Reported
Welltests:	No Data	Yield:	Not Reported
Watertype:	No Data	Stratadept:	No Data
Chemicalma:	No Data	Undesirabl:	No Data
Companynam:	Vortex Drilling Inc.	Companyadd:	4412 Bluemel Road
Ccitystate:	San Antonio , TX 78240	Licensenum:	3180
Wsignature:	John E. Talbot	Dsignature:	Martin Casarez
Regnum:	57214	Comments:	No Data
Site id:	TXDOL2000152251		

AA247
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000132016

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	134177	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	31
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2008-02-12	Owner Name:	Barton Springs Texaco
Well #:	SB-13/MW-10	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-01-23	Drill End Date:	2008-01-23
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling, Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling Inc.
Driller Name:	John E Talbot	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	57214
Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	31
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	31
Size:	12/20		
Details Reports For:	Well Seal Range	Top Depth:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth: Amount:	2 Not Reported	Annular Seal: Unit:	1 Cement Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 13 Not Reported	Top Depth: Annular Seal: Unit:	2 5.5 Bentonite Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Asphalt base	Migrated Sort #: Bottom Depth:	0 1
Details Reports For: Top Depth: Lithology:	Well Lithology 1 Silty sand tan/brown damp	Migrated Sort #: Bottom Depth:	0 6
Details Reports For: Top Depth: Lithology:	Well Lithology 6 Silty sand clay tan/brown	Migrated Sort #: Bottom Depth:	0 21
Details Reports For: Top Depth: Lithology:	Well Lithology 21 Clay silty sand fine brown drk gray	Migrated Sort #: Bottom Depth:	0 25
Details Reports For: Top Depth: Lithology:	Well Lithology 25 Silty sand fine loose	Migrated Sort #: Bottom Depth:	0 31
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC .010 30 - 15 Not Reported Not Reported Not Reported	Screen Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC 15 - 0 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info:	Well Casing Not Reported 2 New Top Cap	Migrated Sort #: Bottom Depth: Diameter:	3 Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

AA248
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000132020

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	134181	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	31
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2008-02-12	Owner Name:	Barton Springs Texaco
Well #:	SB-14/MW-11	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-01-23	Drill End Date:	2008-01-23
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling, Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling Inc.
Driller Name:	John E Talbot	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	57214

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	31

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	31
Size:	12/20		

Details Reports For:	Well Seal Range	Top Depth:	0
----------------------	-----------------	------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth: Amount:	2 Not Reported	Annular Seal: Unit:	1 Cement Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 13 Not Reported	Top Depth: Annular Seal: Unit:	2 5.5 Bentonite Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Asphalt base	Migrated Sort #: Bottom Depth:	0 1
Details Reports For: Top Depth: Lithology:	Well Lithology 1 Gravel clay fill tan/brown dry	Migrated Sort #: Bottom Depth:	0 5
Details Reports For: Top Depth: Lithology:	Well Lithology 5 Silty sand clay drk brown stiff dry red/brown	Migrated Sort #: Bottom Depth:	0 24
Details Reports For: Top Depth: Lithology:	Well Lithology 24 Silty sand fine brown	Migrated Sort #: Bottom Depth:	0 26
Details Reports For: Top Depth: Lithology:	Well Lithology 26 Sandy clay brown/gray moist	Migrated Sort #: Bottom Depth:	0 29
Details Reports For: Top Depth: Lithology:	Well Lithology 29 Silty sand fine loose tan	Migrated Sort #: Bottom Depth:	0 31
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC .010 30 - 15 Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC 15 - 0 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

AA249
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000136350

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	138585	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2008-04-07	Owner Name:	Barton Springs Texaco
Well #:	B-15/MW-12	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-03-20	Drill End Date:	2008-03-20
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	30

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	30
Size:	12/20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Bottom Depth: Amount:	Well Seal Range 2 Not Reported	Top Depth: Annular Seal: Unit:	0 2 Cement Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 13 Not Reported	Top Depth: Annular Seal: Unit:	2 4 Bentonite Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Asphalt, gravelly clay	Migrated Sort #: Bottom Depth:	0 1
Details Reports For: Top Depth: Lithology:	Well Lithology 1 Silty, clayey sand, vfine brown, damp	Migrated Sort #: Bottom Depth:	0 2.5
Details Reports For: Top Depth: Lithology:	Well Lithology 2.5 Sandy clay, brown, damp	Migrated Sort #: Bottom Depth:	0 3.5
Details Reports For: Top Depth: Lithology:	Well Lithology 3.5 Silty, clayey sand, brown, vfine, damp	Migrated Sort #: Bottom Depth:	0 14
Details Reports For: Top Depth: Lithology:	Well Lithology 14 Sandy clay, brown dry	Migrated Sort #: Bottom Depth:	0 16
Details Reports For: Top Depth: Lithology:	Well Lithology 16 Silty sand, brown, tan, vfine, loose, dry	Migrated Sort #: Bottom Depth:	0 24
Details Reports For: Top Depth: Lithology:	Well Lithology 24 Silty, sandy clay, brown, moist	Migrated Sort #: Bottom Depth:	0 26
Details Reports For: Top Depth: Lithology:	Well Lithology 26 Silty, gravelly sand, fine, loose, tan	Migrated Sort #: Bottom Depth:	0 30
Details Reports For: Top Depth: Migrated Casing Info:	Well Casing Not Reported 2 New Schedule 40 PVC .010 30 - 15 Screen	Migrated Sort #: Bottom Depth:	1 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Schedule 40 PVC 15 - 0 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

AA250
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000092395

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	93966	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2006-09-29	Owner Name:	BARTON SPRINGS TEXACO
Well #:	MW-4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	VORTEX DRILLING	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	VORTEX DRILLING INC.
Driller Name:	James E Neal	Comments:	NONE
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	NONE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	30
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	8	Bottom Depth:	30
Size:	10/20		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 CEMENT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	8	Annular Seal:	2.5 BENT/GROUT
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	24
Measurement Date:	2006-09-06	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	NON-POTABLE		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	1.5
Lithology:	ASPHALT WITH BASE		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1.5	Bottom Depth:	6.5
Lithology:	SANDY FILL SANDY CLAY BROWN DAMP NO ODOR		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	6.5	Bottom Depth:	11
Lithology:	SILTY SAND VERY FINE		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	11	Bottom Depth:	22
Lithology:	SILTY SANDY CLAY DARK BROWN DAMP DRY NO ODOR		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	22	Bottom Depth:	24
Lithology:	GRAVELLY CLAY TAN BROWN MOIST NO ODOR		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	24	Bottom Depth:	30

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology: SILTY SANDY CLAY BROWN MOIST NO ODOR WITH THIN SAND SEAMS

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N SCH 40 PVC .010 30-10 SCREEN		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N SCH 40 PVC 10-0 RISER		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 N TOP AND BOTTOM CAP		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AA251
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000103421

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	105083	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2007-02-26	Owner Name:	Barton Springs Texaco
Well #:	MW8-B11	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-02-14	Drill End Date:	2007-02-14
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling Inc.
Driller Name:	John E Talbot	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	1638

Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	30

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Drilling Method	Drill Method:	Bored
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	8	Bottom Depth:	30
Size:	10/20		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	8	Annular Seal:	2.5 Bentonite
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	Slity sandy soil brown dry		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	5
Lithology:	Silty clay brown/orange		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	5	Bottom Depth:	29
Lithology:	Clayey silty sand very fine brown, damp		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	29	Bottom Depth:	30
Lithology:	Silty clay tan and light gray		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch 40 PVC .010 30 - 10 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch 40 PVC 10 - 0 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top and Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AA252
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000132013

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	134174	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	31
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2008-02-12	Owner Name:	Barton Springs Texaco
Well #:	SB-12/MW-9	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-01-23	Drill End Date:	2008-01-23
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Vortex Drilling, Inc.	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling Inc.
Driller Name:	John E Talbot	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	57214

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	31

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	31
Size:	12/20		

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	13	Annular Seal:	5.5 Bentonite

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount:	Not Reported	Unit:	Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 2 Not Reported	Top Depth: Annular Seal: Unit:	0 1 Cement Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Asphalt gravel clay base	Migrated Sort #: Bottom Depth:	0 1
Details Reports For: Top Depth: Lithology:	Well Lithology 1 Silty sand clay brown damp	Migrated Sort #: Bottom Depth:	0 10
Details Reports For: Top Depth: Lithology:	Well Lithology 10 Silty sand tan/brown loose dry	Migrated Sort #: Bottom Depth:	0 11
Details Reports For: Top Depth: Lithology:	Well Lithology 11 Sandy clay brown damp moist	Migrated Sort #: Bottom Depth:	0 29
Details Reports For: Top Depth: Lithology:	Well Lithology 29 Clay gravel brown	Migrated Sort #: Bottom Depth:	0 31
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC .010 30 - 15 Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Screen Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC 15 - 0 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Casing Status:	Well Casing Not Reported 2 New Top Cap Not Reported	Migrated Sort #: Bottom Depth: Diameter: Casing Material:	3 Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AA253
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000136352

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	138587	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2008-04-07	Owner Name:	Barton Springs Texaco
Well #:	B-16/MW-13	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2008-03-20	Drill End Date:	2008-03-20
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	30

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	30
Size:	12/20		

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	2 Cement

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount:	Not Reported	Unit:	Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 13 Not Reported	Top Depth: Annular Seal: Unit:	2 4 Bentonite Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Lithology:	Well Lithology 0 Asphalt, gravelly, clay	Migrated Sort #: Bottom Depth:	0 1
Details Reports For: Top Depth: Lithology:	Well Lithology 1 Caliche fill, light tan, damp	Migrated Sort #: Bottom Depth:	0 2
Details Reports For: Top Depth: Lithology:	Well Lithology 2 Silty clay, brown, damp, stiff, vfine sand	Migrated Sort #: Bottom Depth:	0 22
Details Reports For: Top Depth: Lithology:	Well Lithology 22 Clayey sand, vfine, brwn, moist	Migrated Sort #: Bottom Depth:	0 23
Details Reports For: Top Depth: Lithology:	Well Lithology 23 Sandy clay, brown, saturated	Migrated Sort #: Bottom Depth:	0 28
Details Reports For: Top Depth: Lithology:	Well Lithology 28 Clayey, silty sand, vfine, brown,saturated	Migrated Sort #: Bottom Depth:	0 30
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC .010 30 - 15 Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	1 Not Reported Not Reported Not Reported Not Reported
Details Reports For: Top Depth: Migrated Casing Info: Diameter: Casing Material: Schedule:	Well Casing Not Reported 2 New Schedule 40 PVC 15 - 0 Riser Not Reported Not Reported Not Reported	Migrated Sort #: Bottom Depth: Casing Status: Casing Type: Gauge:	2 Not Reported Not Reported Not Reported Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AA254
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000175452

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	178184	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported

Submitted Date:	2009-05-14	Owner Name:	Barton Springs Texaco
Well #:	B-8	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	Client requested change. Replaces Tr.#93970 5/18/09 Ref#7021		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	10

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Plugged
----------------------	-----------------	----------------------	---------

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	0.64 Cement

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	1 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	1
Lithology:	Concrete w/base material		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	3.5
Lithology:	Caliche,tan,dry,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	3.5	Bottom Depth:	7
Lithology:	Silty clay,br.w/trace gravel,dry,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	7	Bottom Depth:	10
Lithology:	Silty sand,v.f.br.,loose, moist,no HC odor		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AA255
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000175454

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	178186	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2009-05-14	Owner Name:	Barton Springs Texaco
Well #:	B-9	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	Client requested change. Replaces Tr.#93971 5/18/09 Ref.#7022		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	0.64 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	1 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	1
Lithology:	Asphalt w/caliche base		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	1	Bottom Depth:	2
Lithology:	Silty sand,tan,dry,v.f. loose		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	2	Bottom Depth:	7.5
Lithology:	Silty sandy clay,dk.br.,dry,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	7.5	Bottom Depth:	10
Lithology:	Sandy gravelly clay,br.,dry,no HC odor		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AA256
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000175455

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	178187	Well Type:	New Well
Proposed Use:	Environmental Soil Boring	Borehole Depth (ft):	10
Injurious Water Quality:	Not Reported	Plugging Rpt #:	Not Reported
Submitted Date:	2009-05-14	Owner Name:	Barton Springs Texaco
Well #:	B-10	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Environmental Soil Boring	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	Not Reported
Injurious Water:	Not Reported	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	Client requested change. Replaces Tr#93972 5/18/09 Ref.#7023		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	2
Top Depth:	0	Bottom Depth:	10
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Plugged
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	1 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Depth:	2	Annular Seal:	0.64 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	.5
Lithology:	Asphalt w/caliche base		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	.5	Bottom Depth:	6
Lithology:	Silty sandy,clay,dk.br.,dry,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	6	Bottom Depth:	8
Lithology:	Silt/clayey sand,v.f.br.,damp/dry		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	8	Bottom Depth:	10
Lithology:	Silty sandy clay,br.,dry,no HC odor		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	N/A	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

AA257
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000175445

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	178177	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	31
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2009-05-14	Owner Name:	Barton Springs Texaco
Well #:	MW-5	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	Client requested change. Replaces Tr.#93969 5/18/09 Ref.#7018		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	31
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	8	Bottom Depth:	30
Size:	10/20		
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	8	Annular Seal:	2.5 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	27
Measurement Date:	2006-09-06	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Packers	Migrated Sort #:	1
Packers:	N/A	Depth:	Not Reported
Details Reports For:	Well Plugback	Top Depth:	Not Reported
Bottom Depth:	Not Reported	Migrated Sort #:	1
Plugback:	N/A		
Details Reports For:	Well Strata	Migrated Strata Depth:	27
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non-Potable		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-.5 Asphalt w/base material		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	.5-12 Silty,sandy clay,dk.br.,damp,no HC odor,		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	@ 5 thin sand seam,moist		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	12-14.5 Silty sand,br.v.f.moist,loose no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	14.5-17 Sandy clay,dk.br.,damp,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	17-18.5 Sandy clay,br.,damp,stiff,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	18.5-27 Sandy clay,br.,damp,stiff,no HC odor,		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	trace gravel @ 26		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	27-30 Gravelly clay,br.,sat.,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	10
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	30-31 Sandy clay,br.,sat.,w/thin sand seams,no		
Details Reports For:	Well Lithology	Migrated Sort #:	11
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	HC odor		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Schedule 40 PVC .010 30 - 10 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Schedule 40 PVC 10 - 0 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

AA258
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000175447

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	178179	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	31
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2009-05-14	Owner Name:	Barton Springs Texaco
Well #:	MW-6	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	Client requested change. Replaces Tr.#93967 5/18/09 Ref.#7019		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	31

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth: Size:	Well Filter 7.5 10/20	Filter Material: Bottom Depth:	Gravel 30
Details Reports For: Bottom Depth: Amount:	Well Seal Range 2 Not Reported	Top Depth: Annular Seal: Unit:	0 1 Cement Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 7.5 Not Reported	Top Depth: Annular Seal: Unit:	2 2.5 Bent/Grout Not Reported
Details Reports For: Measurement Date: Measurement Method:	Well Levels 2006-09-06 Unknown	Measurement: Artesian Flow:	26 Not Reported
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non-Potable	Migrated Strata Depth: Bottom Depth:	26 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-1 Asphalt w/base material	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 1-15.5 Silty sandy clay,dk.br.,damp,no HC odor,	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported @ 5 stiff,dry,@ 10 damp,dry,no HC odor w/thin	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported sand seams,@ 13.5 tan/br.,v.f.,moist/sat.,no HC	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported odor	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 15.5-17 Silty sand,tan/br.,v.f.moist/sat.,no HC odor	Migrated Sort #: Bottom Depth:	6 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	17-26 Sandy clay,br.,moist/sat.,w/HC odor,		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	@ 25 moist		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	26-27 Silty sand,br.,v.f.,loose,sat.		
Details Reports For:	Well Lithology	Migrated Sort #:	10
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	27-28 Sandy clay,br.,moist,no HC odor		
Details Reports For:	Well Lithology	Migrated Sort #:	11
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	28-31 Silty clay,tan/gray,dry,v.stiff,no HC odor		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4 New Schedule 40 PVC .010 29.5 - 9.5 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4 New Schedule 40 PVC 9.5 - 0 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4 New Top Cap		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	4 New Bottom Cap		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AA259
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000175450

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	178182	Borehole Depth (ft):	31
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		
Submitted Date:	2009-05-14	Owner Name:	Barton Springs Texaco
Well #:	MW-7	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2006-09-06	Drill End Date:	2006-09-06
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	James E Neal		
Comments:	Client requested change. Replaces Tr.#93968 5/18/09 Ref.#7020		
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	4868	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	6
Top Depth:	0	Bottom Depth:	31
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	8	Bottom Depth:	30
Size:	10/20		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	8	Annular Seal:	2.5 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	25
Measurement Date:	2006-09-06	Artesian Flow:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Measurement Method:	Unknown		
Details Reports For: Packers:	Well Packers N/A	Migrated Sort #: Depth:	1 Not Reported
Details Reports For: Bottom Depth: Plugback:	Well Plugback Not Reported N/A	Top Depth: Migrated Sort #:	Not Reported 1
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non-Potable	Migrated Strata Depth: Bottom Depth:	25 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-.5 Asphalt w/base material	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported .5-1.5 Caliche,tan	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 1.5-3.5 Sandy clay,br./tan,no HC odor	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 3.5-26.5 Silty sand,tan,v.f.,dry,compact,no HC	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported odor,@ 15 increase clay content,clayey sand,	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported @ 21.5 v.f.sand,lt.tan,dry,no HC odor,@ 25 sat.	Migrated Sort #: Bottom Depth:	6 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported no HC odor	Migrated Sort #: Bottom Depth:	7 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 26.5-31 Sandy clay,tan,moist/sat.,soft,no HC	Migrated Sort #: Bottom Depth:	8 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported odor,@ 30 thin sand seams,sat.	Migrated Sort #: Bottom Depth:	9 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Schedule 40 PVC .010 30 - 10	Screen	
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Schedule 40 PVC 10 - 0 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AB260
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152212

Database:	Well Report Database	Fid:	152211
Rec id:	152214	Edr site i:	137949
Owner:	Old Service Station for HBC-Terracom	Address:	302 S. Lamar, Austin , TX 78704
Ownerwell:	MW-3	Waddress:	302 S. Lamar, Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 47 N	Elevation:	No Data
Long:	097 45 28 W	Typeofwork:	New Well
Gpsused:	map	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	8 in From Surface To 30 ft
Completedd:	Not Reported	Bcompletio:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	20/40
Packedfrom:	13 ft to 30 ft		
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 5.5 Bent/Grout (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand Mixed
Cementedby:	No Data	Contaminat:	No Data
Propertyli:	No Data	Verrimetho:	No Data
Varriance:	No Data	Surface:	Alternative Procedure Used
Staticleve:	25 ft. below land surface on 2/14/2005		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	No Data
Yield:	Not Reported	Watertype:	Non-potable
Stratadept:	No Data	Chemicalma:	No

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Undesirabl:	No	Companynam:	Vortex Drilling, Inc.
Companyadd:	4412 Bluemel Road	Ccitystate:	San Antonio , TX 78240
Licensenum:	3180	Wsignature:	John Talbot
Dsignature:	No Data	Regnum:	No Data
Comments:	\$dfs	Site id:	TXDOL2000152212

AB261
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152211

Database:	Well Report Database	Fid:	152210
Rec id:	152213	Edr site i:	137953
Owner:	Old Service Station for HBC-Terracom	Address:	302 S. Lamar, Austin , TX 78704
Ownerwell:	MW-4	Waddress:	302 S. Lamar, Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 47 N	Elevation:	No Data
Long:	097 45 28 W	Typeofwork:	New Well
Gpsused:	map	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	8 in From Surface To 30 ft
Completedd:	Not Reported	Bcompleteio:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	20/40
Packedfrom:	13 ft to 30 ft	Usedmethod:	Hand Mixed
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)	Contaminat:	No Data
Sinterval:	From 2 ft to 13 ft with 5.5 Bent/Grout (#sacks and material)	Verrimetho:	No Data
Tinterval:	No Data	Surface:	Alternative Procedure Used
Cementedby:	No Data	Packers:	No Data
Propertyli:	No Data	Typepump:	No Data
Varriance:	No Data	Welltests:	No Data
Staticleve:	25 ft. below land surface on 2/14/2005	Watertype:	Non-potable
Flow:	No Data	Chemicalma:	No
Cementinwe:	No Data	Companynam:	Vortex Drilling, Inc.
Pumpbowl:	Not Reported	Ccitystate:	San Antonio , TX 78240
Yield:	Not Reported	Wsignature:	John Talbot
Stratadept:	No Data	Regnum:	No Data
Undesirabl:	No	Site id:	TXDOL2000152211
Companyadd:	4412 Bluemel Road		
Licensenum:	3180		
Dsignature:	No Data		
Comments:	\$dfs		

AB262
ESE
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000152218

Database:	Well Report Database	Fid:	152217
Rec id:	152216	Edr site i:	137945
Owner:	Old Service Station for HBC-Terracom	Address:	302 S. Lamar, Austin , TX 78704
Ownerwell:	MW-1	Waddress:	302 S. Lamar, Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 47 N	Elevation:	No Data
Long:	097 45 28 W	Typeofwork:	New Well
Gpsused:	map	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	8 in From Surface To 30 ft
Completedd:	Not Reported	Bcompleteio:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	20/40
Packedfrom:	13 ft to 30 ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)	Usedmethod:	Hand Mixed
Sinterval:	From 2 ft to 13 ft with 5.5 Bent/Grout (#sacks and material)	Contaminat:	No Data
Tinterval:	No Data	Verrimetho:	No Data
Cementedby:	No Data	Surface:	Alternative Procedure Used
Propertyli:	No Data	Packers:	No Data
Varriance:	No Data	Typepump:	No Data
Staticleve:	24 ft. below land surface on 2/14/2005	Welltests:	No Data
Flow:	No Data	Watertype:	Non-potable
Cementinwe:	No Data	Chemicalma:	No
Pumpbowl:	Not Reported	Companynam:	Vortex Drilling, Inc.
Yield:	Not Reported	Ccystate:	San Antonio , TX 78240
Stratadept:	No Data	Wsignature:	John Talbot
Undesirabl:	No	Regnum:	No Data
Companyadd:	4412 Bluemel Road	Site id:	TXDOL2000152218
Licensenum:	3180		
Dsignature:	No Data		
Comments:	\$dfs		

**AB263
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXDOL2000152217

Database:	Well Report Database	Fid:	152216
Rec id:	152215	Edr site i:	137947
Owner:	Old Service Station for HBC-Terracom	Address:	302 S. Lamar, Austin , TX 78704
Ownerwell:	MW-2	Waddress:	302 S. Lamar, Austin , TX 78704
Grid:	58-42-9	County:	Travis
Lat:	30 15 47 N	Elevation:	No Data
Long:	097 45 28 W	Typeofwork:	New Well
Gpsused:	map	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	8 in From Surface To 30 ft
Completedd:	Not Reported	Bcomplete:	Not Reported
Dmethod:	Hollow Stem Auger	Packsiz:	20/40
Packedfrom:	13 ft to 30 ft		
Finterval:	From 0 ft to 2 ft with 1 Cement (#sacks and material)		
Sinterval:	From 2 ft to 13 ft with 5.5 Bent/Grout (#sacks and material)	Usedmethod:	Hand Mixed
Tinterval:	No Data	Contaminat:	No Data
Cementedby:	No Data	Verrimetho:	No Data
Propertyli:	No Data	Surface:	Alternative Procedure Used
Varriance:	No Data	Packers:	No Data
Staticleve:	25 ft. below land surface on 2/14/2005	Typepump:	No Data
Flow:	No Data	Welltests:	No Data
Cementinwe:	No Data	Watertype:	Non-potable
Pumpbowl:	Not Reported	Chemicalma:	No
Yield:	Not Reported	Companynam:	Vortex Drilling, Inc.
Stratadept:	No Data	Ccystate:	San Antonio , TX 78240
Undesirabl:	No	Wsignature:	John Talbot
Companyadd:	4412 Bluemel Road	Regnum:	No Data
Licensenum:	3180	Site id:	TXDOL2000152217
Dsignature:	No Data		
Comments:	\$dfs		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

AB264
ESE
1/2 - 1 Mile
Lower

TX WELLS TXMON5000135728

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	137947	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-03-28		
Owner Name:	Old Service Station for HBC-Terracom		
Well #:	MW-2	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2005-02-14	Drill End Date:	2005-02-14
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	John E Talbot	Comments:	\$dfs
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	Not Reported

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	30

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
----------------------	-----------------	----------------------	---------------

Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	30
Size:	20/40		

Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	13	Annular Seal:	5.5 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported

Details Reports For:	Well Levels	Measurement:	25
Measurement Date:	2005-02-14	Artesian Flow:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Measurement Method:	Unknown		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non-potable		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-3" Concrete		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	3"-5.5 Fill Material-Gravelly Sand: Brown,		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	Slight Moist		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	5.5-9.5 Stilt w/Clay:Reddish-Brown;Slightly		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	Moist,Stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	9.5-16.5 Sandy Silt:Reddish-Brown,Moist,Stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	16.5-23.5 Silty Sand:Reddish-Brown,Moist,Stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	8
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	23.5-30 Gravelly Sand:Reddish-Brown, Wet		
Details Reports For:	Well Lithology	Migrated Sort #:	9
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	at 25"		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC .010 15 30 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC 0 15 Riser	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AB265
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000135726

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	137945	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-03-28	# Wells Drilled:	Not Reported
Owner Name:	Old Service Station for HBC-Terracom	Type of Work:	New Well
Well #:	MW-1	Original Well Rpt Track #:	Not Reported
Elevation:	Not Reported	Proposed Use Desc:	Not Reported
Work Type Desc:	Not Reported	PWS #:	Not Reported
Proposed Use:	Monitor	Drill End Date:	2005-02-14
TCEQ Approved Plans:	Not Reported	Seal Method Desc:	Not Reported
Drill Start Date:	2005-02-14	Distance to Septic Tank:	Not Reported
Seal Method:	Hand Mixed	Distance Verify Meth:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Sealed by Driller:	No
Dist to Property Line:	Not Reported	Surface Completion:	Alternative Procedure Used
Approved by Variance:	Not Reported	Completed by Driller:	Not Reported
Sealed by Name:	Not Reported	Pump Type Desc:	Not Reported
Surf Complete Desc:	Not Reported	Chemical Analysis:	No
Pump Type:	Not Reported	Company Name:	Vortex Drilling, Inc.
Pump Depth:	Not Reported	Comments:	\$dfs
Injurious Water:	No	Plugging Rpt Tracking #:	Not Reported
Driller Name:	John E Talbot	Apprentice Reg #:	Not Reported
Plugged within 48 hrs:	No		
Driller License #:	3180		

Details Reports For:	Well Bore Hole	Diameter:	8
Top Depth:	0	Bottom Depth:	30

Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
----------------------	----------------------	---------------	-------------------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	13	Bottom Depth:	30
Size:	20/40		
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	1 Cement
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	13	Annular Seal:	5.5 Bent/Grout
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	24
Measurement Date:	2005-02-14	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Non-potable		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	0-3" Concrete		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	3"-3.5 Silt with Clay: Dark Brown,Moits,Plastic		
Details Reports For:	Well Lithology	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	3.5-17 Sandy Silt: Reddish-Brown,Moist,Stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	17-22.5 Silty Sand: Reddish-Brown,Moist,Stiff		
Details Reports For:	Well Lithology	Migrated Sort #:	5
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	22.5-30 Gravelly Sand:Reddish-Brown; Wet		
Details Reports For:	Well Lithology	Migrated Sort #:	6
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	at 24		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC .010 15 30 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC 0 15 Riser	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AB266
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000135734

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	137953	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2008-03-28		
Owner Name:	Old Service Station for HBC-Terracom		
Well #:	MW-4	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2005-02-14	Drill End Date:	2005-02-14
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	John E Talbot	Comments:	\$dfs
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	8 30
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For: Top Depth: Size:	Well Filter 13 20/40	Filter Material: Bottom Depth:	Gravel 30
Details Reports For: Bottom Depth: Amount:	Well Seal Range 2 Not Reported	Top Depth: Annular Seal: Unit:	0 1 Cement Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 13 Not Reported	Top Depth: Annular Seal: Unit:	2 5.5 Bent/Grout Not Reported
Details Reports For: Measurement Date: Measurement Method:	Well Levels 2005-02-14 Unknown	Measurement: Artesian Flow:	25 Not Reported
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non-potable	Migrated Strata Depth: Bottom Depth:	Not Reported Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-3" Asphalt	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 3"-2 Fill Material-Sandy Gravel:Brown,Dry	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 2-11.5 Silt with Clay:/Reddish-Brown,Slightly Moist,Plastic	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 11.5-23 Silt:Reddish-Bronw,Slightly Moist,Stiff	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 23-30 Sandy Silt:Reddish-Brown,Wet at 25	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth:	Well Casing Not Reported	Migrated Sort #: Bottom Depth:	1 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Migrated Casing Info:	2 New Sch40 PVC .010 15 30 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC 0 15 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap		
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AB267
ESE
1/2 - 1 Mile
Lower**

TX WELLS TXMON5000135730

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	137949	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	30
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported

Submitted Date:	2008-03-28		
Owner Name:	Old Service Station for HBC-Terracom		
Well #:	MW-3	# Wells Drilled:	Not Reported
Elevation:	Not Reported	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2005-02-14	Drill End Date:	2005-02-14
Seal Method:	Hand Mixed	Seal Method Desc:	Not Reported
Dist to Septic/Other Contam:	Not Reported	Distance to Septic Tank:	Not Reported
Dist to Property Line:	Not Reported	Distance Verify Meth:	Not Reported
Approved by Variance:	Not Reported	Sealed by Driller:	No
Sealed by Name:	Not Reported	Surface Completion:	Alternative Procedure Used
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Vortex Drilling, Inc.
Driller Name:	John E Talbot	Comments:	\$dfs
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	3180	Apprentice Reg #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Details Reports For: Top Depth:	Well Bore Hole 0	Diameter: Bottom Depth:	8 30
Details Reports For:	Well Drilling Method	Drill Method:	Hollow Stem Auger
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For: Top Depth: Size:	Well Filter 13 20/40	Filter Material: Bottom Depth:	Gravel 30
Details Reports For: Bottom Depth: Amount:	Well Seal Range 2 Not Reported	Top Depth: Annular Seal: Unit:	0 1 Cement Not Reported
Details Reports For: Bottom Depth: Amount:	Well Seal Range 13 Not Reported	Top Depth: Annular Seal: Unit:	2 5.5 Bent/Grout Not Reported
Details Reports For: Measurement Date: Measurement Method:	Well Levels 2005-02-14 Unknown	Measurement: Artesian Flow:	25 Not Reported
Details Reports For: Top Depth: Water Type:	Well Strata Not Reported Non-potable	Migrated Strata Depth: Bottom Depth:	Not Reported Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 0-3 Concrete	Migrated Sort #: Bottom Depth:	1 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 3-4.5 Fill Material-Sandy Gravel:Brown,Moist	Migrated Sort #: Bottom Depth:	2 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 4.5-9 Silt with Clay:Reddish-Brown,Slightly	Migrated Sort #: Bottom Depth:	3 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported Moist,Stiff	Migrated Sort #: Bottom Depth:	4 Not Reported
Details Reports For: Top Depth: Lithology:	Well Lithology Not Reported 9-16.5 Sandy Silt:Reddish-Brown,Slight Moist	Migrated Sort #: Bottom Depth:	5 Not Reported
Details Reports For: Top Depth:	Well Lithology Not Reported	Migrated Sort #: Bottom Depth:	6 Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lithology: 16.5-23.5 Silty Sand:Reddish-Brown,Moist

Details Reports For:	Well Lithology	Migrated Sort #:	7
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	23.5-30 Gravelly Sand:Reddish-Brown,wet 25		

Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC .010 15 30 Screen		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Sch40 PVC 0 15 Riser		
Diameter:	Not Reported	Casing Status:	Not Reported
Casing Material:	Not Reported	Casing Type:	Not Reported
Schedule:	Not Reported	Gauge:	Not Reported

Details Reports For:	Well Casing	Migrated Sort #:	3
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Top Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	4
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New Bottom Cap	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

**AC268
NW
1/2 - 1 Mile
Higher**

TX WELLS TXWDB7000091881

Database:	Groundwater Database	Well #:	5842910
Primary Water Use:	Unused	Elevation:	570
Well Depth:	264	Observation Type:	None
Water Quality Review:	N	Aquifer:	218EDRDA - Edwards and Associated Limestones
Well Type:	Withdrawal of Water		

**AC269
NW
1/2 - 1 Mile
Higher**

TX WELLS TXWDB7000091883

Database:	Groundwater Database	Well #:	5842912
Primary Water Use:	Unused	Elevation:	570
Well Depth:	245	Observation Type:	Miscellaneous Measurements

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Quality Review: N Aquifer: 218EDRDA - Edwards and Associated Limestones
 Well Type: Withdrawal of Water

AD270
East
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000133954

Database:	Well Report Database	Fid:	133953
Rec id:	133953	Edr site i:	125042
Owner:	City of Austin	Ownerwell:	B39
Address:	505 Barton Springs Rd., Austin , TX	Grid:	58-42-9
Waddress:	1st @ Lamar Blvd., Austin , TX 78704	County:	Sabine
Lat:	30 16 02 N	Elevation:	427 ft.
Long:	097 45 24 W	Typeofwork:	New Well
Gpsused:	Garmin	Sdate:	Not Reported
Propuse:	Monitor	Diameter:	5 in From Surface To 40 ft
Completedd:	Not Reported	Bcompleteio:	Not Reported
Dmethod:	Not Reported	Packsizes:	20-40
Packedfrom:	38 ft to 10 ft	Finterval:	From 10 ft to 1.5 ft with Hole Plug (#sacks and material)
Sinterval:	No Data	Tinterval:	No Data
Usedmethod:	Hand Poured	Cementedby:	Drill Crew
Contaminat:	N/A ft	Propertyli:	N/A ft
Verrimetho:	N/A	Varriance:	N/A
Surface:	Surface Slab Installed	Staticleve:	No Data
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	No Data
Pumpbowl:	Not Reported	Welltests:	Jetted\ Estimated
Yield:	(No Data) GPM with (No Data) ft drawdown after (No Data) hours	Stratadept:	No Data
Watertype:	Fresh	Undesirabl:	No
Chemicalma:	No	Companyadd:	1985 FM 969
Companynam:	Cutting Edge Core Drilling Inc.	Licensenum:	54881
Ccitystate:	Elgin , TX 78621	Dsignature:	No Data
Wsignature:	Tom Placek	Comments:	No Data
Regnum:	No Data		
Site id:	TXDOL2000133954		

AD271
East
1/2 - 1 Mile
Lower

TX WELLS TXMON5000123109

Database:	Submitted Drillers Reports Database (Monitoring)	Well Type:	New Well
Well Rpt #:	125042	Borehole Depth (ft):	40
Proposed Use:	Monitor	Plugging Rpt #:	Not Reported
Injurious Water Quality:	no		
Submitted Date:	2007-10-20	Owner Name:	City of Austin
Well #:	B39	# Wells Drilled:	Not Reported
Elevation:	427	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported
Drill Start Date:	2007-08-20	Drill End Date:	2007-08-20
Seal Method:	Other - Hand Poured	Seal Method Desc:	Hand Poured
Dist to Septic/Other Contam:	N/A	Distance to Septic Tank:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dist to Property Line:	N/A	Distance Verify Meth:	N/A
Approved by Variance:	N/A	Sealed by Driller:	Yes
Sealed by Name:	Not Reported	Surface Completion:	Surface Slab Installed
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Not Reported	Pump Type Desc:	Not Reported
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Cutting Edge Core Drilling Inc.
Driller Name:	Thomas S Placek	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54881	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	5
Top Depth:	0	Bottom Depth:	40
Details Reports For:	Well Drilling Method	Drill Method:	Other - Cased
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	10	Bottom Depth:	38
Size:	20-40		
Details Reports For:	Well Seal Range	Top Depth:	1.5
Bottom Depth:	10	Annular Seal:	Hole Plug
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Test	Test Type:	Jetted
Yield:	Not Reported	Drawdown:	Not Reported
Hours:	Not Reported		
Details Reports For:	Well Strata	Migrated Strata Depth:	Not Reported
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	Silty Sand 0-12		
Details Reports For:	Well Lithology	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Lithology:	Sand and Gravel to Formation 12 to 40 ft.		
Details Reports For:	Well Casing	Migrated Sort #:	1
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Screen 38 -18 .010	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		
Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Migrated Casing Info:	2 New PVC Riser 18- .5	Diameter:	Not Reported
Casing Status:	Not Reported	Casing Material:	Not Reported
Casing Type:	Not Reported	Schedule:	Not Reported
Gauge:	Not Reported		

AD272
East
1/2 - 1 Mile
Lower

TX WELLS TXDOL2000151359

Database:	Well Report Database	Fid:	151358
Rec id:	151361	Edr site i:	184365
Owner:	City of Austin	Ownerwell:	B1
Address:	508 Barton Springs Road, Austin , TX 78704		
Grid:	58-42-9		
Waddress:	Grassy median E. of entrance ramp of Lamar st. and 1st, Austin , TX 78703		
Lat:	30 16 03 N	County:	Travis
Long:	097 45 23 W	Elevation:	441 ft.
Gpsused:	Garmin	Typeofwork:	New Well
Propuse:	Monitor	Sdate:	Not Reported
Completedd:	Not Reported	Diameter:	5 in From Surface To 35 ft
Dmethod:	Mud Rotary	Bcompleteio:	Not Reported
Packedfrom:	35 ft to 10 ft	Packsiz:	Sand
Finterval:	From 10 ft to 2 ft with Hole Plug (#sacks and material)		
Sinterval:	From 2 ft to 0 ft with Concrete (#sacks and material)		
Tinterval:	No Data	Usedmethod:	Hand mixed and delivered
Cementedby:	Drill Crew	Contaminat:	N/A ft
Propertyli:	N/A ft	Verrimetho:	N/A
Varriance:	N/A	Surface:	Alternative Procedure Used
Staticleve:	22 ft. below land surface on 5/22/2009		
Flow:	No Data	Packers:	No Data
Cementinwe:	No Data	Typepump:	Other: Air Lifted
Pumpbowl:	(No Data) ft	Welltests:	No Data
Yield:	Not Reported	Watertype:	Fresh
Stratadept:	22 ft.	Chemicalma:	No
Undesirabl:	No	Companynam:	Cutting Edge Core Drilling, Inc.
Companyadd:	1985 FM 969	Ccitystate:	Elgin , TX 78621
Licensenum:	54881	Wsignature:	Tom Placek
Dsignature:	No Data	Regnum:	No Data
Comments:	No Data	Site id:	TXDOL2000151359

AD273
East
1/2 - 1 Mile
Lower

TX WELLS TXMON5000181588

Database:	Submitted Drillers Reports Database (Monitoring)		
Well Rpt #:	184365	Well Type:	New Well
Proposed Use:	Monitor	Borehole Depth (ft):	35
Injurious Water Quality:	no	Plugging Rpt #:	Not Reported
Submitted Date:	2009-06-29	Owner Name:	City of Austin
Well #:	B1	# Wells Drilled:	Not Reported
Elevation:	441	Type of Work:	New Well
Work Type Desc:	Not Reported	Original Well Rpt Track #:	Not Reported
Proposed Use:	Monitor	Proposed Use Desc:	Not Reported
TCEQ Approved Plans:	Not Reported	PWS #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drill Start Date:	2009-05-22	Drill End Date:	2009-05-22
Seal Method:	Other - Hand mixed and delivered		
Seal Method Desc:	Hand mixed and delivered	Dist to Septic/Other Contam:	N/A
Distance to Septic Tank:	Not Reported	Dist to Property Line:	N/A
Distance Verify Meth:	N/A	Approved by Variance:	N/A
Sealed by Driller:	Yes	Sealed by Name:	Not Reported
Surface Completion:	Alternative Procedure Used		
Surf Complete Desc:	Not Reported	Completed by Driller:	Not Reported
Pump Type:	Other - Air Lifted	Pump Type Desc:	Air Lifted
Pump Depth:	Not Reported	Chemical Analysis:	No
Injurious Water:	No	Company Name:	Cutting Edge Core Drilling, Inc.
Driller Name:	Thomas S Placek	Comments:	Not Reported
Plugged within 48 hrs:	No	Plugging Rpt Tracking #:	Not Reported
Driller License #:	54881	Apprentice Reg #:	Not Reported
Details Reports For:	Well Bore Hole	Diameter:	5
Top Depth:	0	Bottom Depth:	35
Details Reports For:	Well Drilling Method	Drill Method:	Mud (Hydraulic) Rotary
Details Reports For:	Well Completion	Borehole Completion:	Filter Packed
Details Reports For:	Well Filter	Filter Material:	Gravel
Top Depth:	10	Bottom Depth:	35
Size:	Sand		
Details Reports For:	Well Seal Range	Top Depth:	2
Bottom Depth:	10	Annular Seal:	Hole Plug
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Seal Range	Top Depth:	0
Bottom Depth:	2	Annular Seal:	Concrete
Amount:	Not Reported	Unit:	Not Reported
Details Reports For:	Well Levels	Measurement:	22
Measurement Date:	2009-05-22	Artesian Flow:	Not Reported
Measurement Method:	Unknown		
Details Reports For:	Well Strata	Migrated Strata Depth:	22
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Water Type:	Fresh		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	0	Bottom Depth:	20
Lithology:	Fine silty sand		
Details Reports For:	Well Lithology	Migrated Sort #:	0
Top Depth:	20	Bottom Depth:	35
Lithology:	Fine silty sand w/ gravel		
Details Reports For:	Well Casing	Migrated Sort #:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Screen 35 to 10 .010	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

Details Reports For:	Well Casing	Migrated Sort #:	2
Top Depth:	Not Reported	Bottom Depth:	Not Reported
Migrated Casing Info:	2 New PVC Riser 10 to surface	Casing Status:	Not Reported
Diameter:	Not Reported	Casing Type:	Not Reported
Casing Material:	Not Reported	Gauge:	Not Reported
Schedule:	Not Reported		

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
TRAVIS	1.3	57	7.3	.0	<.5	7.0

Federal EPA Radon Zone for TRAVIS 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: 78746

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.750 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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Texas General Land Office

Telephone: 512-463-0745

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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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

Public Water Supply Sources Databases

Source: Texas Commission on Environmental Quality

Telephone: 512-239-6199

Locations of public drinking water sources maintained by the TCEQ.

Groundwater Database

Source: Texas Water Development Board

Telephone: 512-936-0837

Well Report Database

Source: Department of Licensing and Regulation

Telephone: 512-936-0833

Water Well Database

Source: Harris-Galveston Coastal Subsidence District

Telephone: 281-486-1105

Brackish Resources Aquifer Characterization System Database

Source: Texas Water Development Board

WDB's Brackish Resources Aquifer Characterization System (BRACS) was designed to map and characterize the brackish aquifers of Texas in greater detail than previous studies. The information is contained in the BRACS Database and project data are summarized in a project report with companion geographic information system data files.

Submitted Driller's Reports Database

Source: Texas Water Development Board

Telephone: 512-936-0833

The Submitted Driller's Report Database is populated from the online Texas Well Report Submission and Retrieval System which is a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application that registered water-well drillers use to submit their required reports.

OTHER STATE DATABASE INFORMATION

Texas Oil and Gas Wells

Source: Texas Railroad Commission

Telephone: 512-463-6882

Oil and gas well locations.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

RADON

State Database: TX Radon

Source: Department of Health
Telephone: 512-834-6688
Rinal 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.

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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

**APPENDIX B:
HISTORICAL RESEARCH DOCUMENTATION**



Zilker Metro Park

2022-2098 Barton Springs Rd

Austin, TX 78746

Inquiry Number: 5637952.8

May 02, 2019

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

05/02/19

Site Name:

Zilker Metro Park
2022-2098 Barton Springs Rd
Austin, TX 78746
EDR Inquiry # 5637952.8

Client Name:

TRC
9225 US Highway 183 South
Austin, TX 78752
Contact: Michael Bohmfalk



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. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=875'	Flight Year: 2016	USDA/NAIP
2012	1"=875'	Flight Year: 2012	USDA/NAIP
2008	1"=875'	Flight Year: 2008	USDA/NAIP
2005	1"=875'	Flight Year: 2005	USDA/NAIP
1995	1"=875'	Acquisition Date: January 28, 1995	USGS/DOQQ
1988	1"=875'	Flight Date: June 17, 1988	TXDOT
1981	1"=875'	Flight Date: September 17, 1981	NAPP
1973	1"=875'	Flight Date: January 18, 1973	USDA
1966	1"=875'	Flight Date: May 26, 1966	USGS
1951	1"=875'	Flight Date: January 16, 1951	USDA
1940	1"=875'	Flight Date: September 26, 1940	USDA

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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



INQUIRY #: 5637952.8

YEAR: 2016

— = 875'





INQUIRY # 5637952.8

YEAR: 2012

— = 875'





INQUIRY #: 5637952.8

YEAR: 2008

— = 875'



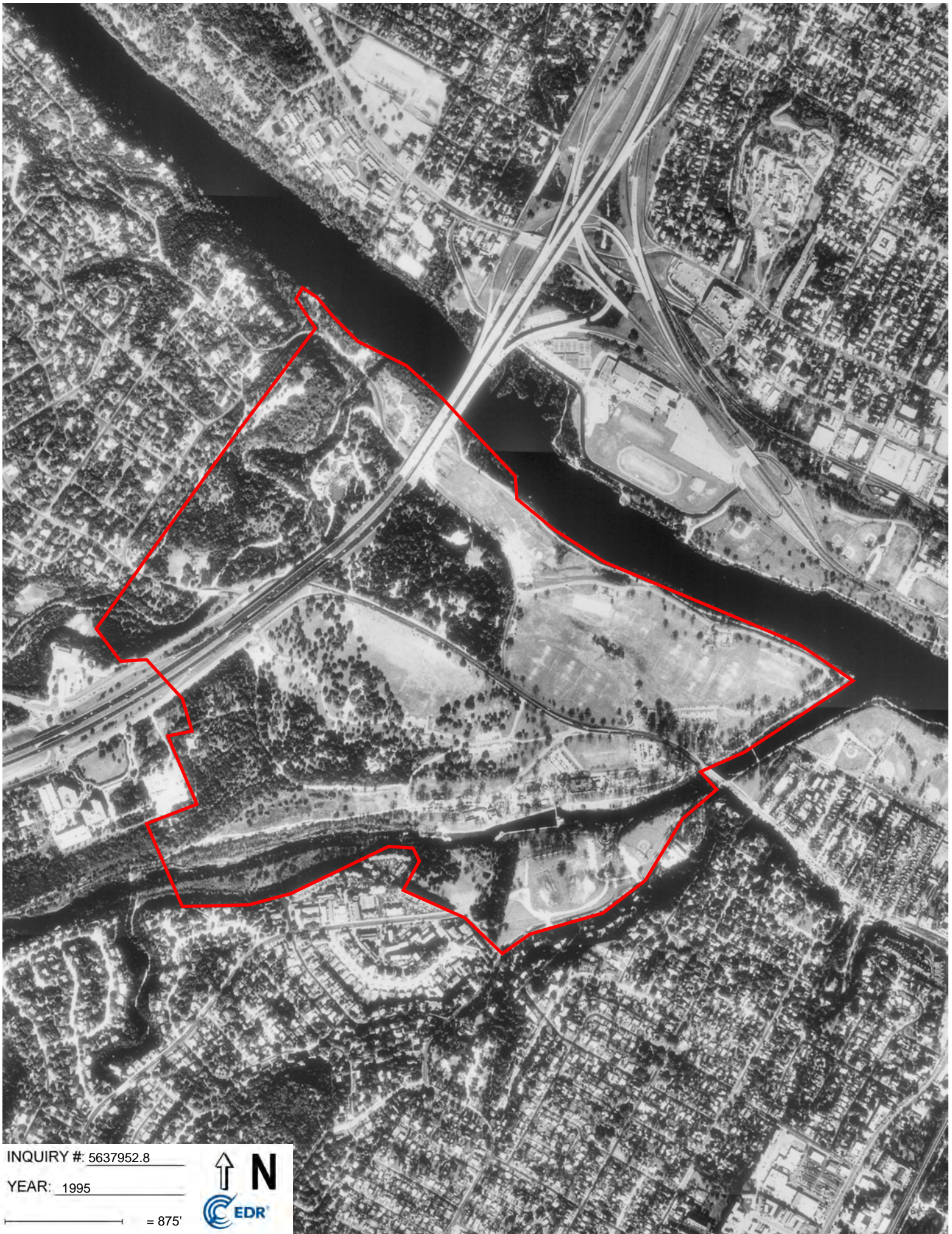


INQUIRY #: 5637952.8

YEAR: 2005

— = 875'





INQUIRY #: 5637952.8

YEAR: 1995

— = 875'





INQUIRY #: 5637952.8

YEAR: 1988

— = 875'





INQUIRY #: 5637952.8

YEAR: 1981

— = 875'





INQUIRY #: 5637952.8

YEAR: 1973

— = 875'





INQUIRY # 5637952.8

YEAR: 1966

— = 875'





INQUIRY #: 5637952.8

YEAR: 1951

— = 875'





INQUIRY # 5637952.8

YEAR: 1940

— = 875'



Zilker Metro Park
2022-2098 Barton Springs Rd
Austin, TX 78746

Inquiry Number: 5637952.4
May 01, 2019

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

05/01/19

Site Name:

Zilker Metro Park
2022-2098 Barton Springs Rd
Austin, TX 78746
EDR Inquiry # 5637952.4

Client Name:

TRC
9225 US Highway 183 South
Austin, TX 78752
Contact: Michael Bohmfalk



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by TRC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	339575.0000.0000	Latitude:	30.267721 30° 16' 4" North
Project:	12.1 - Zilker Phase I ESA	Longitude:	-97.773086 -97° 46' 23" West
		UTM Zone:	Zone 14 North
		UTM X Meters:	618018.57
		UTM Y Meters:	3349088.58
		Elevation:	514.41' above sea level

Maps Provided:

2013	1897
1988	1896
1973	
1966	
1955, 1958, 1959	
1954, 1955	
1932	
1910	

Disclaimer - Copyright and Trademark Notice

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

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Austin East
2013
7.5-minute, 24000



Oak Hill
2013
7.5-minute, 24000

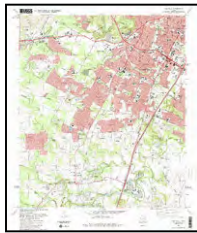


Montopolis
2013
7.5-minute, 24000



Austin West
2013
7.5-minute, 24000

1988 Source Sheets



Oak Hill
1988
7.5-minute, 24000
Aerial Photo Revised 1985



Montopolis
1988
7.5-minute, 24000
Aerial Photo Revised 1985

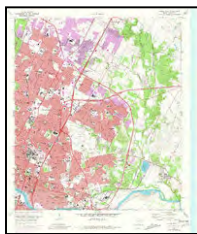


Austin East
1988
7.5-minute, 24000
Aerial Photo Revised 1985

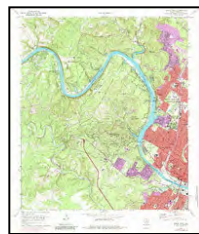


Austin West
1988
7.5-minute, 24000
Aerial Photo Revised 1985

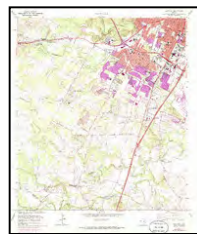
1973 Source Sheets



Austin East
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Austin West
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Oak Hill
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Montopolis
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1966 Source Sheets



Oak Hill
1966
7.5-minute, 24000
Aerial Photo Revised 1966



Austin West
1966
7.5-minute, 24000
Aerial Photo Revised 1966



Montopolis
1966
7.5-minute, 24000
Aerial Photo Revised 1966



Austin East
1966
7.5-minute, 24000
Aerial Photo Revised 1966

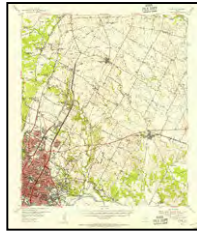
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1955, 1958, 1959 Source Sheets



Montopolis
1955
15-minute, 62500
Aerial Photo Revised 1954



Austin
1955
15-minute, 62500
Aerial Photo Revised 1954



Buda
1958
15-minute, 62500
Aerial Photo Revised 1956

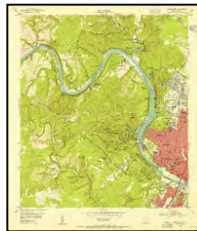


Lake Travis
1959
15-minute, 62500
Aerial Photo Revised 1956

1954, 1955 Source Sheets



Austin East
1954
7.5-minute, 24000
Aerial Photo Revised 1952



Austin West
1954
7.5-minute, 24000
Aerial Photo Revised 1952



Oak Hill
1955
7.5-minute, 24000
Aerial Photo Revised 1954

1932 Source Sheets



Mt. Bonnell
1932
15-minute, 62500

1910 Source Sheets



Austin
1910
30-minute, 125000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

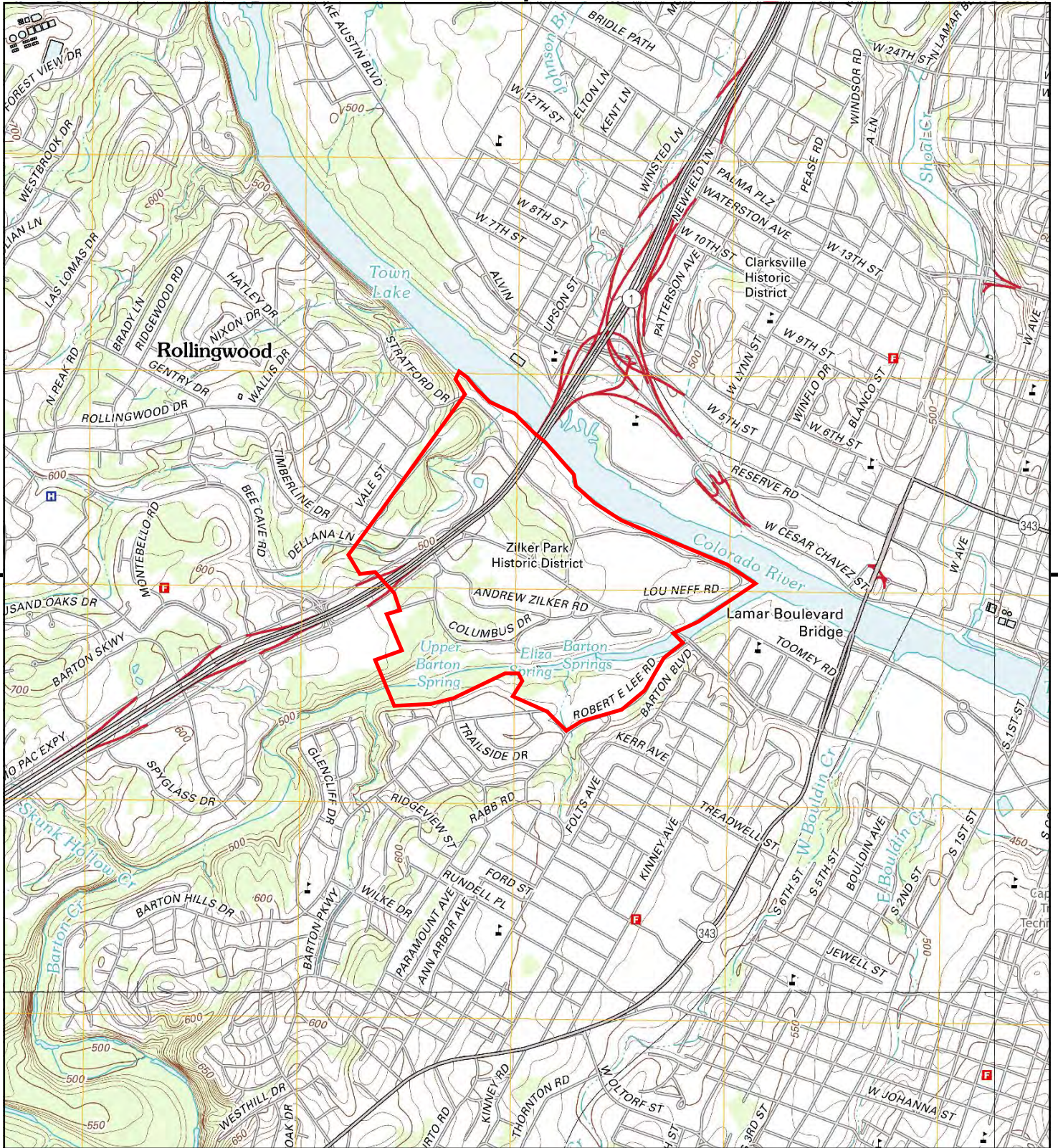


Austin
1897
30-minute, 125000

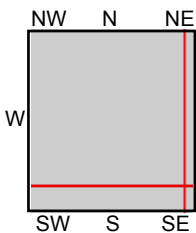
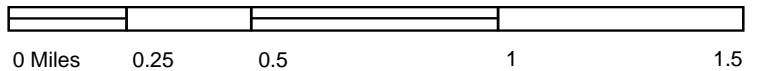
1896 Source Sheets



Austin
1896
30-minute, 125000



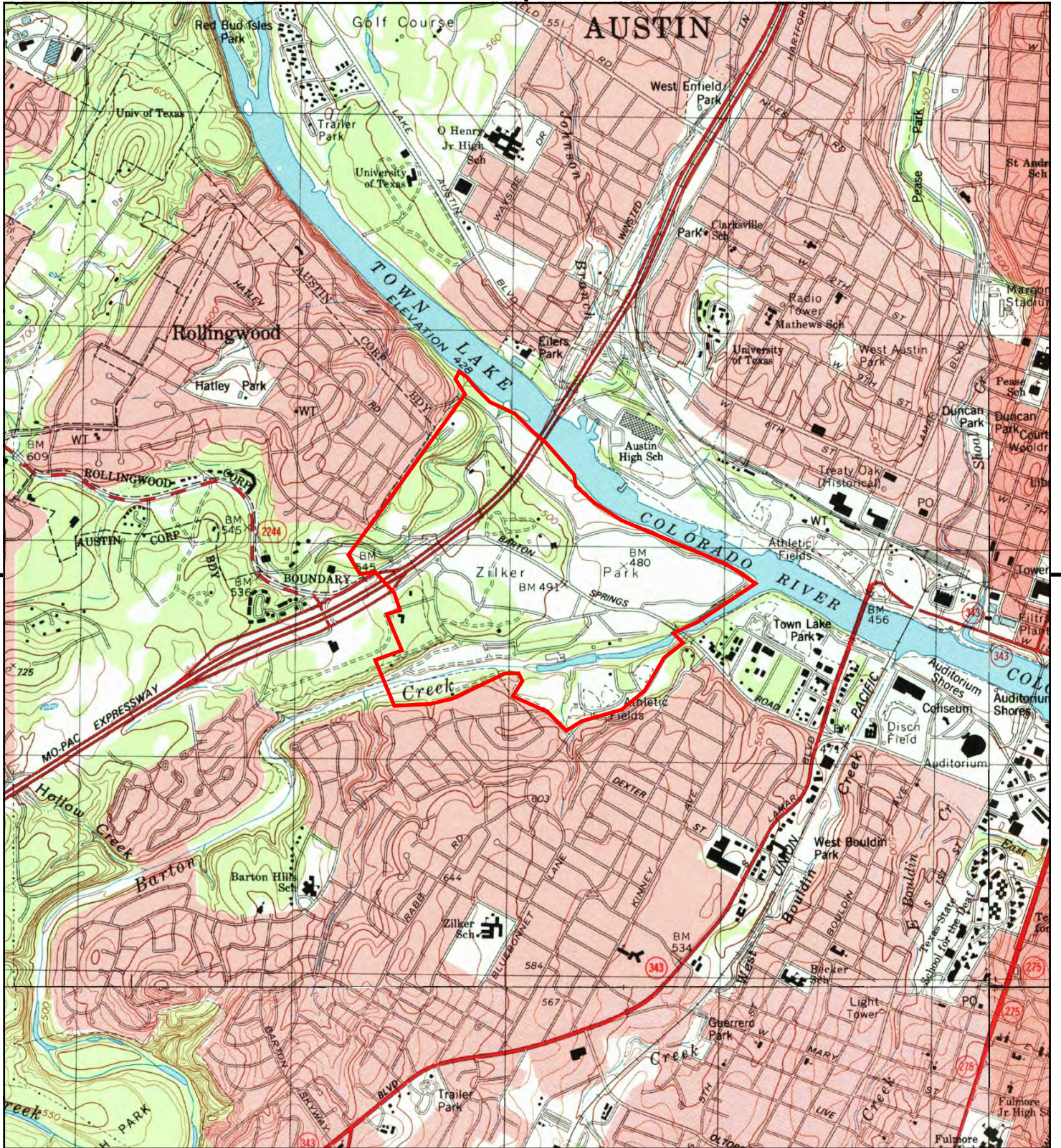
This report includes information from the following map sheet(s).



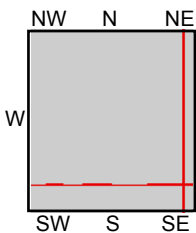
TP, Austin West, 2013, 7.5-minute
 NE, Austin East, 2013, 7.5-minute
 SE, Montopolis, 2013, 7.5-minute
 SW, Oak Hill, 2013, 7.5-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
CLIENT: TRC





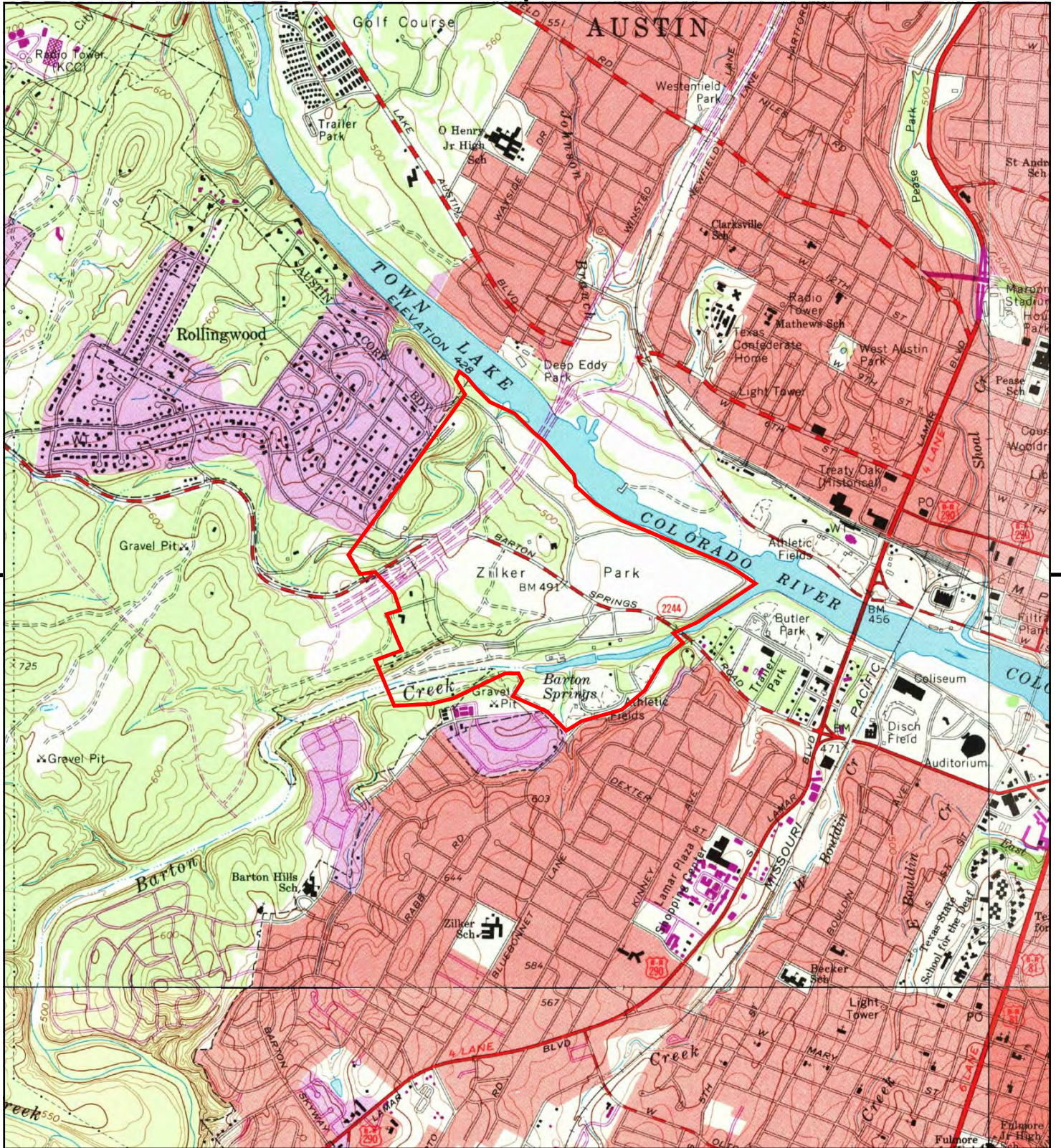
This report includes information from the following map sheet(s).



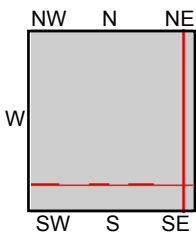
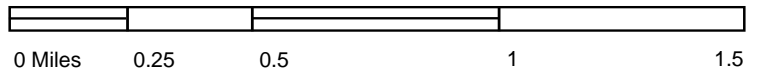
TP, Austin West, 1988, 7.5-minute
 NE, Austin East, 1988, 7.5-minute
 SE, Montopolis, 1988, 7.5-minute
 SW, Oak Hill, 1988, 7.5-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
CLIENT: TRC





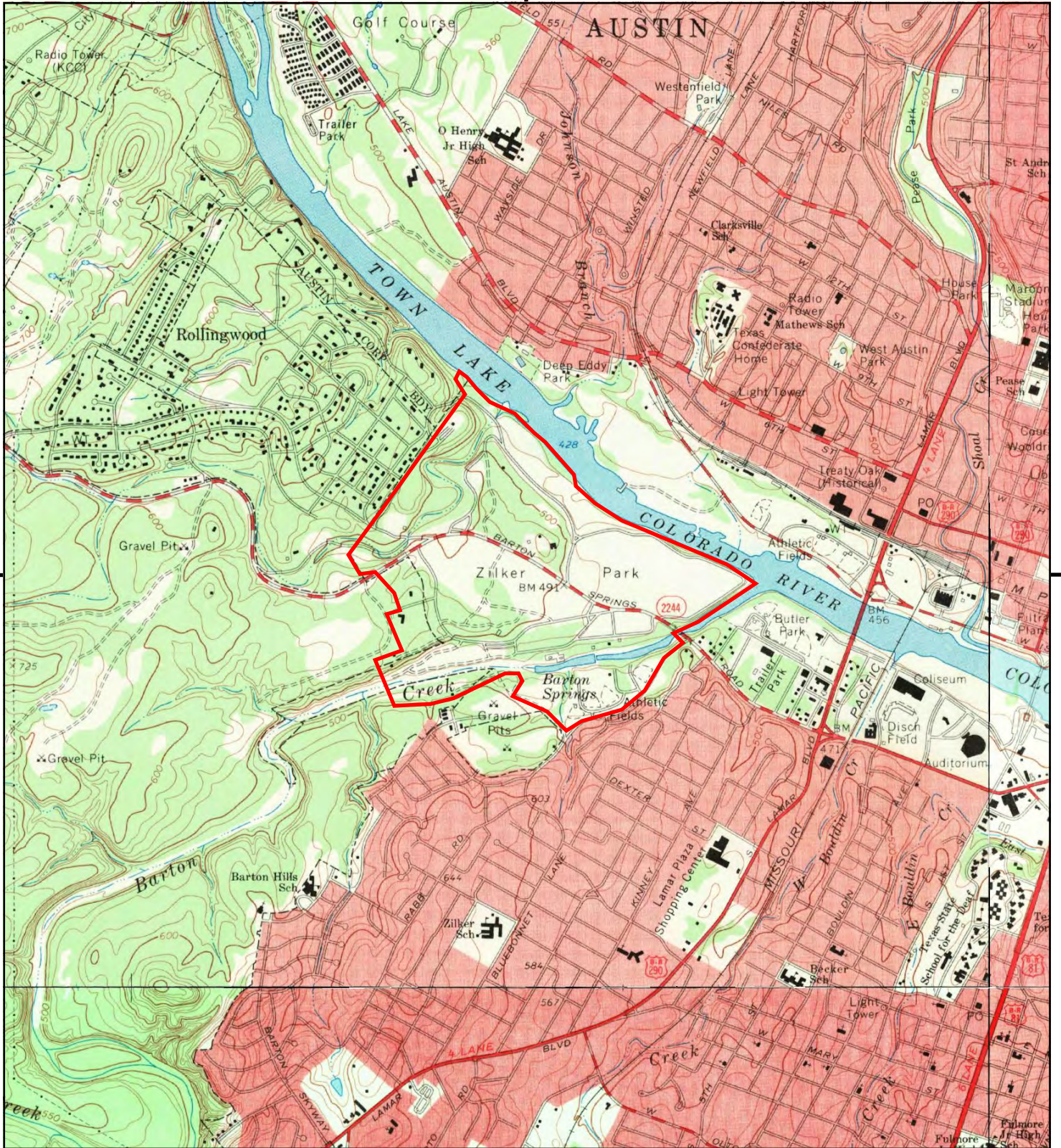
This report includes information from the following map sheet(s).



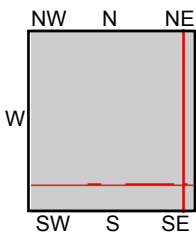
TP, Austin West, 1973, 7.5-minute
 NE, Austin East, 1973, 7.5-minute
 SE, Montopolis, 1973, 7.5-minute
 SW, Oak Hill, 1973, 7.5-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
CLIENT: TRC





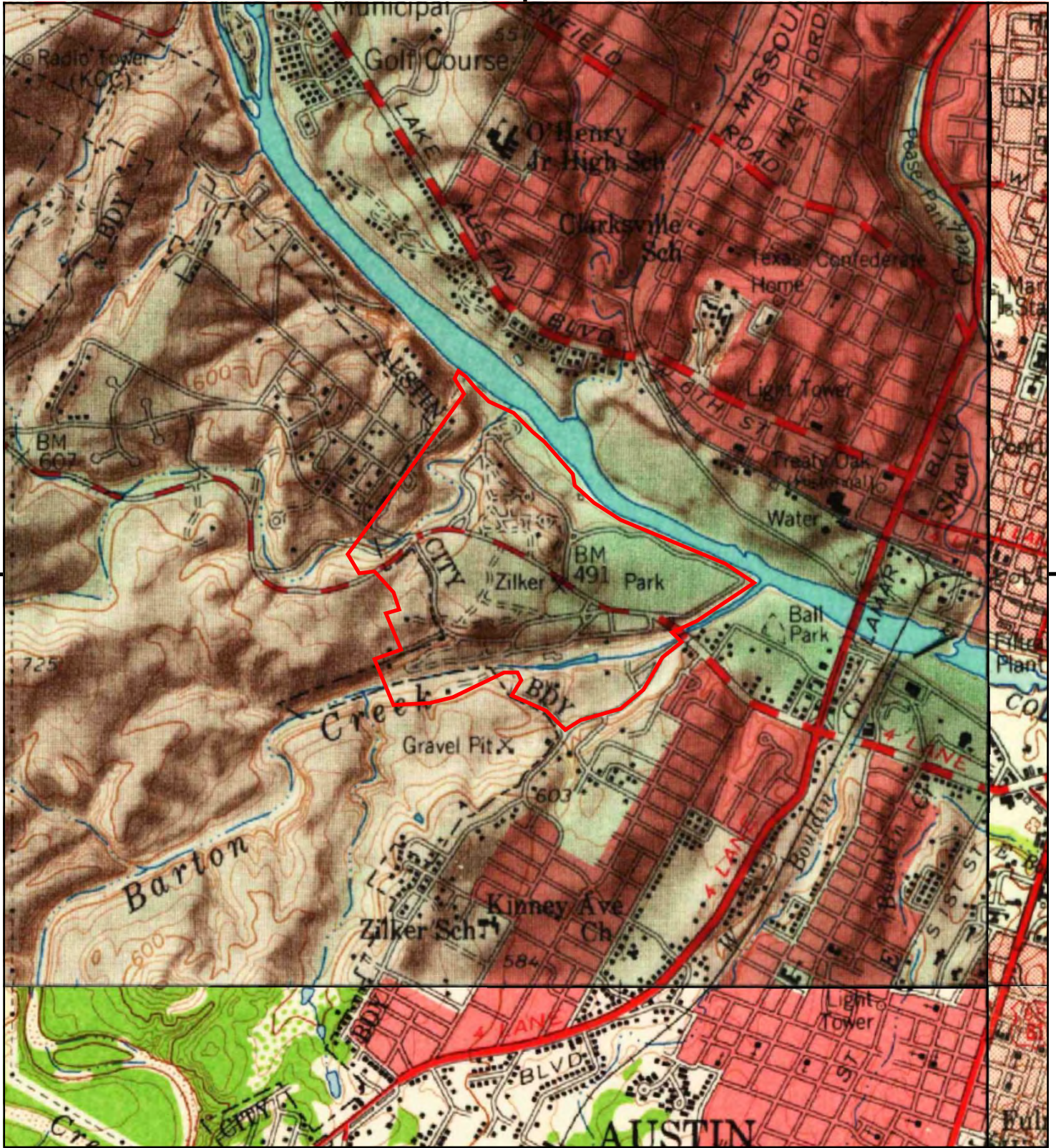
This report includes information from the following map sheet(s).



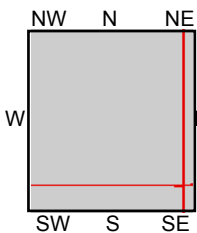
TP, Austin West, 1966, 7.5-minute
 NE, Austin East, 1966, 7.5-minute
 SE, Montopolis, 1966, 7.5-minute
 SW, Oak Hill, 1966, 7.5-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
CLIENT: TRC





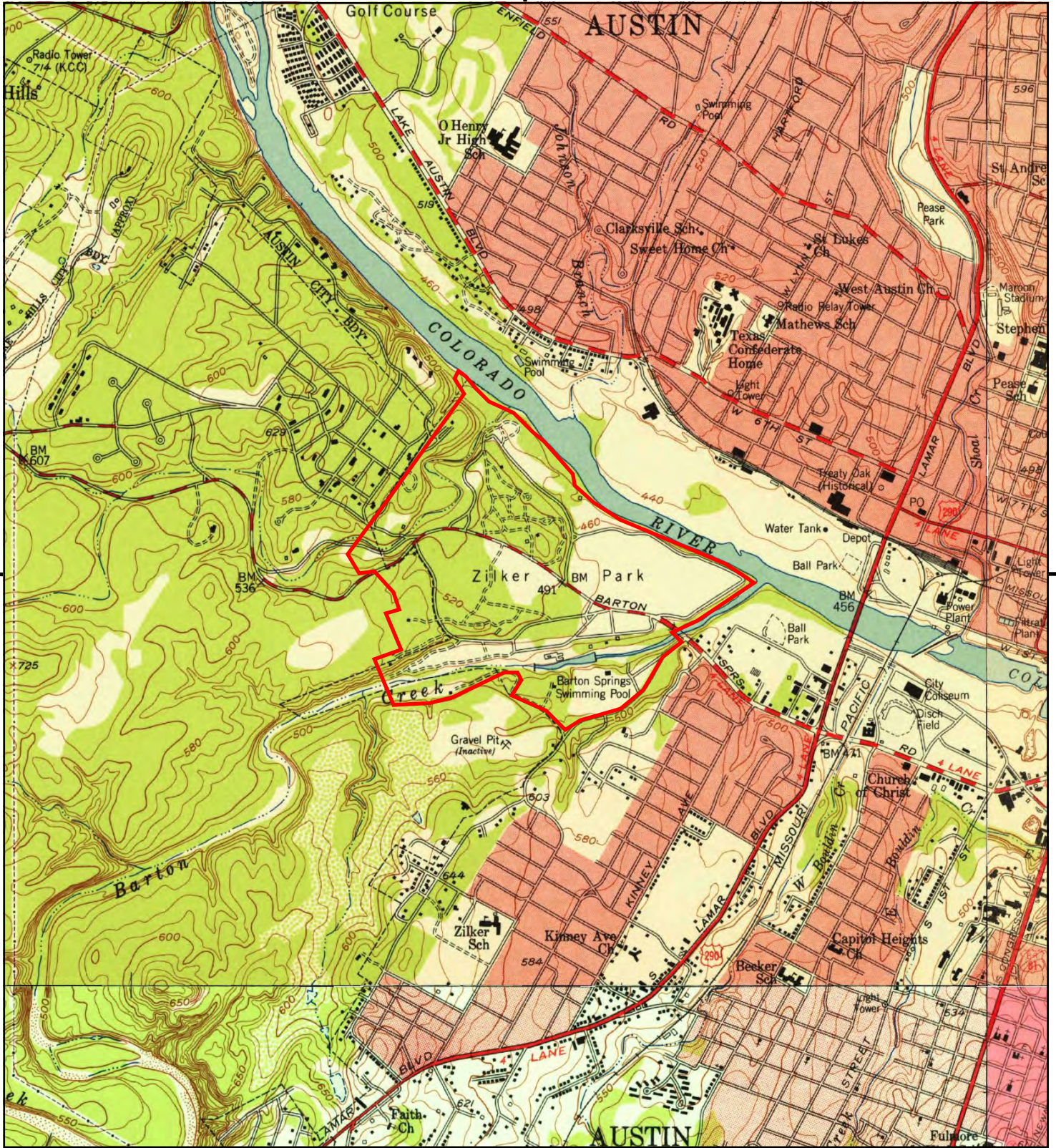
This report includes information from the following map sheet(s).



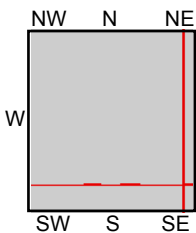
TP, Lake Travis, 1959, 15-minute
 NE, Austin, 1955, 15-minute
 SE, Montopolis, 1955, 15-minute
 SW, Buda, 1958, 15-minute

SITE NAME: Zilker Metro Park
 ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
 CLIENT: TRC





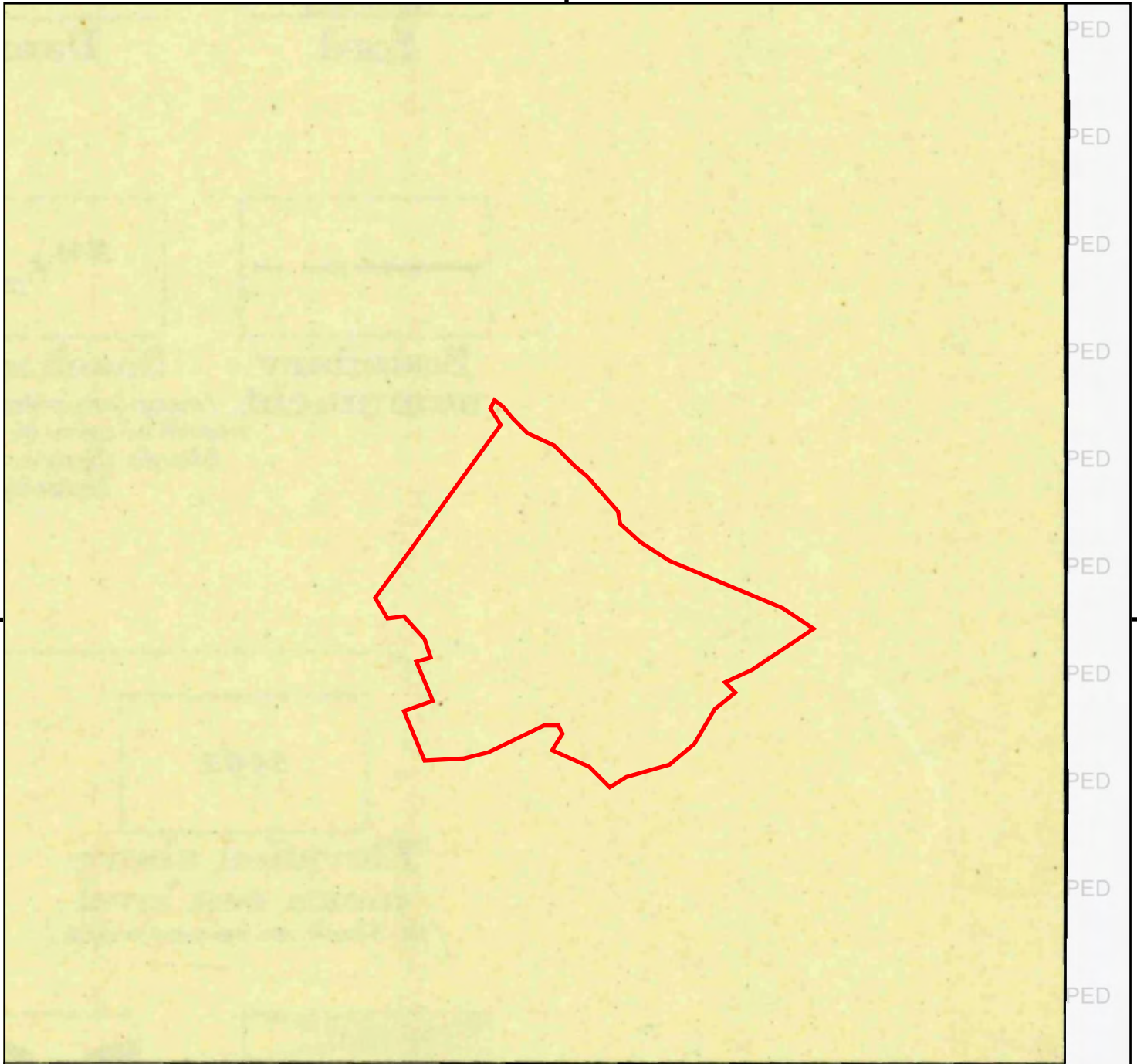
This report includes information from the following map sheet(s).



TP, Austin West, 1954, 7.5-minute
 NE, Austin East, 1954, 7.5-minute
 SE, Montopolis, 1955, 7.5-minute
 SW, Oak Hill, 1955, 7.5-minute

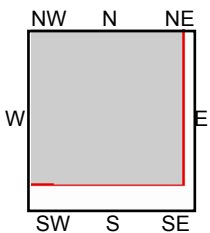
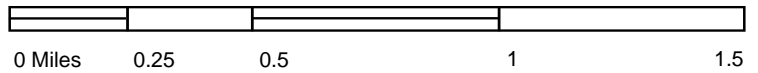
SITE NAME: Zilker Metro Park
 ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
 CLIENT: TRC





UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED

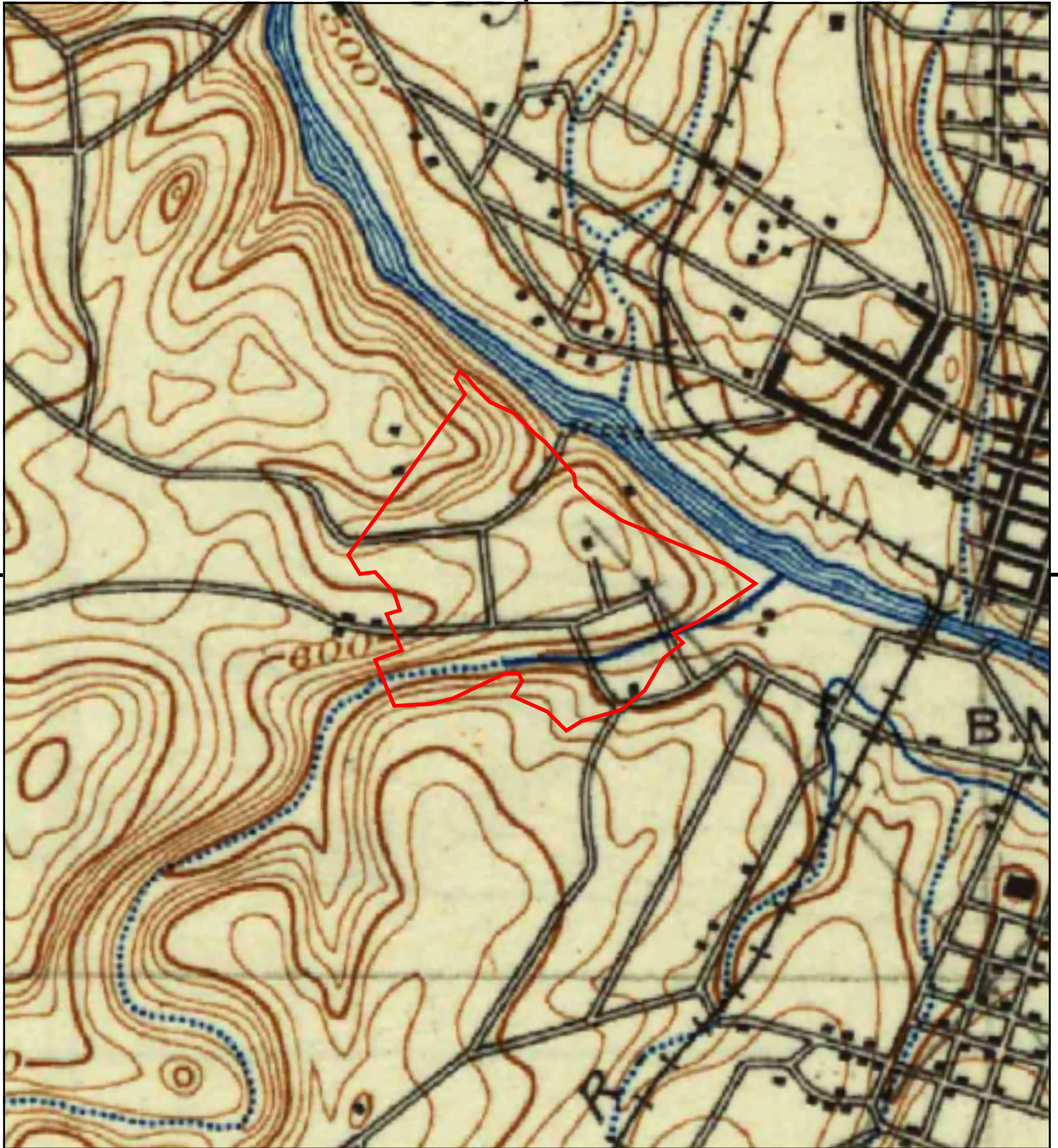
This report includes information from the following map sheet(s).



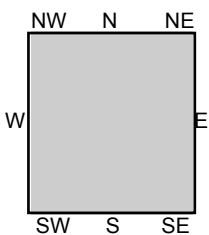
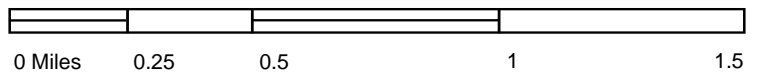
TP, Mt. Bonnell, 1932, 15-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
Austin, TX 78746
CLIENT: TRC





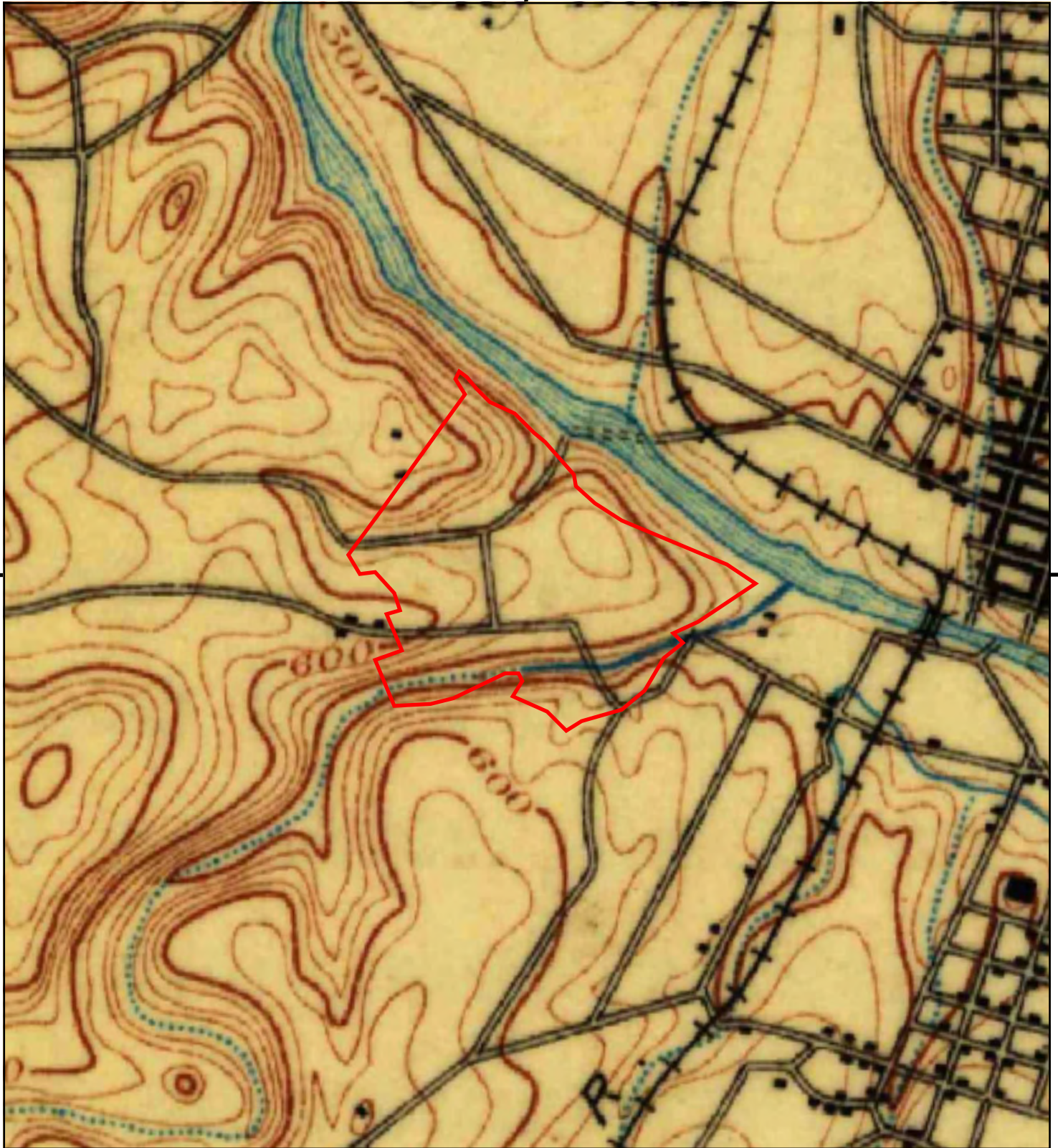
This report includes information from the following map sheet(s).



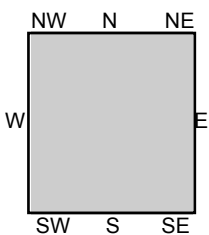
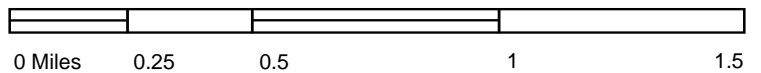
TP, Austin, 1910, 30-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
Austin, TX 78746
CLIENT: TRC





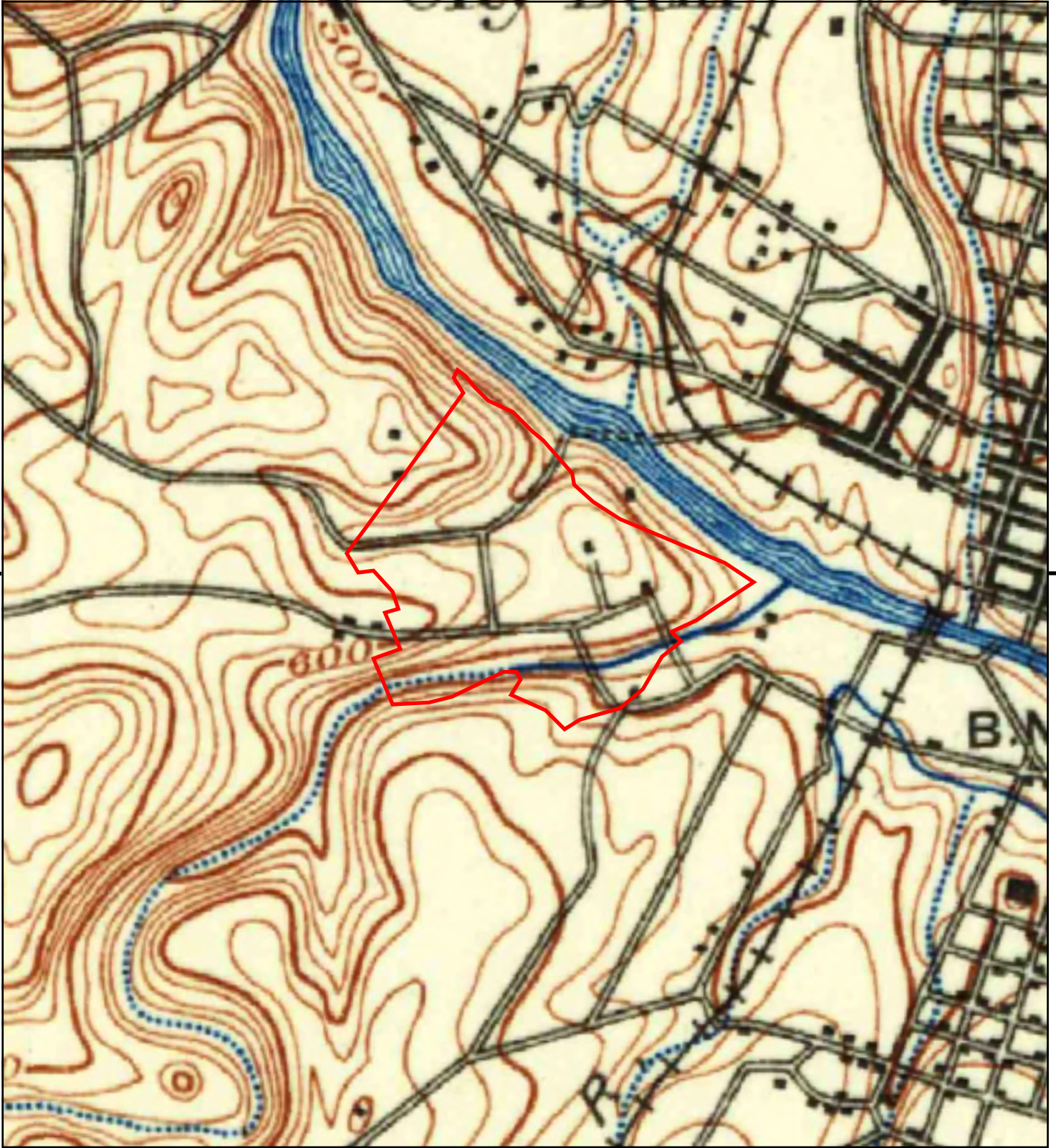
This report includes information from the following map sheet(s).



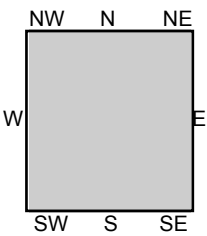
TP, Austin, 1897, 30-minute

SITE NAME: Zilker Metro Park
ADDRESS: 2022-2098 Barton Springs Rd
Austin, TX 78746
CLIENT: TRC





This report includes information from the following map sheet(s).



TP, Austin, 1896, 30-minute

SITE NAME: Zilker Metro Park
 ADDRESS: 2022-2098 Barton Springs Rd
 Austin, TX 78746
 CLIENT: TRC



Zilker Metro Park

2022-2098 Barton Springs Rd
Austin, TX 78746

Inquiry Number: 5637952.5
May 01, 2019

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

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

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool 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.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1896 through 2007. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2007	Polk City Directory	-	X	X	-
2002	R. L. Polk Co. Publishers	-	X	X	X
1996	R. L. Polk Co., Publishers	-	X	X	X
1990	R. L. Polk Co., Publishers	-	X	X	X
1984	R. L. Polk Co., Publishers	-	X	X	X
1980	R. L. Polk Co., Publishers	-	X	X	X
1975	R. L. Polk Co., Publishers	-	X	X	X
1970	R. L. Polk Co., Publishers	-	X	X	X
1965	R. L. Polk Co., Publishers	-	X	X	X
1962	R.L. Polk Co., Publishers	-	X	X	X
1958	Morrison Fourmy Directory Co., Publishers	-	X	X	X

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1953	Morrison Fourmy Directory Co., Publishers	-	X	X	X
1947	Morrison Fourmy Directory Co., Publishers	-	X	X	X
1940	Morrison Fourmy Directory Co., Publishers	-	X	X	X
1935	Morrison Fourmy Directory Co., Publishers	-	X	X	X
1929	Morrison Fourmy Directory Co., Publishers	-	-	-	-
1922	Morrison Fourmy Directory Co., Inc. Publishers	-	-	-	-
1916	Morrison Fourmy Directory Co., Publishers	-	-	-	-
1911	Morrison Fourmy Directory Co., Compilers, Publishers and Proprietors	-	-	-	-
1906	J. B. Stephenson, Austin	-	-	-	-
1901	Morrison Fourmy, Compilers and Publishers	-	-	-	-
1896	Morrison Fourmy, Compilers Publishers	-	-	-	-

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

*info*USA®

Copyright©2008
All Rights Reserved

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2022-2098 Barton Springs Rd
Austin, TX 78746

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BARTON BLVD

505 BARTON BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Jones Renee B	Polk City Directory

BARTON SPRINGS RD

1815 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	ss 2 w Nolan Ernest Barton Springs Bath ing Pool	Morrison Fourmy Directory Co., Publishers Image pg. A16 Morrison Fourmy Directory Co., Publishers Image pg. A16 Morrison Fourmy Directory Co., Publishers Image pg. A16
	ss 1 w Barton Springs Riding Stables	Morrison Fourmy Directory Co., Publishers Image pg. A16 Morrison Fourmy Directory Co., Publishers Image pg. A16
	ns 1 w Barton Springs ns 1 w Zilker Park Barton Creek Bridge Vacant	Morrison Fourmy Directory Co., Publishers Image pg. A16 Morrison Fourmy Directory Co., Publishers Image pg. A16 Morrison Fourmy Directory Co., Publishers Image pg. A16 Morrison Fourmy Directory Co., Publishers Image pg. A15
1935	ss 2 w Robinson B J ss 1 w Barton Springs Pk Zilker Riding Stables Harty W R ns 1 w Zilker Park Barton Creek Moore Eula Mrs restr	Morrison Fourmy Directory Co., Publishers Image pg. A17 Morrison Fourmy Directory Co., Publishers Image pg. A17 Morrison Fourmy Directory Co., Publishers Image pg. A17 Morrison Fourmy Directory Co., Publishers Image pg. A17 Morrison Fourmy Directory Co., Publishers Image pg. A17 Morrison Fourmy Directory Co., Publishers Image pg. A17 Morrison Fourmy Directory Co., Publishers Image pg. A17

1825 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	LILLIANS OF TEXAS CURIOS	R. L. Polk Co., Publishers Image pg. A10

1900 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Vacant	R. L. Polk Co., Publishers Image pg. A5
	Vacant	R. L. Polk Co., Publishers Image pg. A5

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1990	end City of Austin Parks & Rec Dept Swimming Pool barton spgs	R. L. Polk Co., Publishers	Image pg. A5
	City of Austin Parks Rec Dept zilker park	R. L. Polk Co., Publishers	Image pg. A5
1984	Wright Studio Stoneware Pottery	R. L. Polk Co., Publishers	Image pg. A6
	Wright Robt L Jr	R. L. Polk Co., Publishers	Image pg. A6
	End Barton Springs Pool Zilker Park	R. L. Polk Co., Publishers	Image pg. A6
	Zilker Park	R. L. Polk Co., Publishers	Image pg. A6
1980	Wright Studio pottery	R. L. Polk Co., Publishers	Image pg. A7
	Wright Robt L Jr	R. L. Polk Co., Publishers	Image pg. A7
	Barton Springs Bathing Pool	R. L. Polk Co., Publishers	Image pg. A7
	Zilker Park	R. L. Polk Co., Publishers	Image pg. A7
1975	Wright Robt L Jr end Barton Springs Bathing Pool	R. L. Polk Co., Publishers	Image pg. A8
	Wright Bob Pottery Studio	R. L. Polk Co., Publishers	Image pg. A8
	Zilker Park	R. L. Polk Co., Publishers	Image pg. A8
1970	Zilker Park	R. L. Polk Co., Publishers	Image pg. A9
	Barton Springs Bathing Pool	R. L. Polk Co., Publishers	Image pg. A9
	Kreitners Garden & Landscaping Serv	R. L. Polk Co., Publishers	Image pg. A9

1914 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1958	Vacant	Morrison Fourmy Directory Co., Publishers	Image pg. A12
1953	Clints Superburger	Morrison Fourmy Directory Co., Publishers	Image pg. A13
	restr	Morrison Fourmy Directory Co., Publishers	Image pg. A13

1916 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1965	C MOORE ROGER	R. L. Polk Co., Publishers	Image pg. A10
	ZENKNER F W CYCLE SHOP	R. L. Polk Co., Publishers	Image pg. A10
	ZENKNER FRED W	R. L. Polk Co., Publishers	Image pg. A10
1962	Zenkner F W Cycle Shop	R.L. Polk Co., Publishers	Image pg. A11
	Zeckner Fred W	R.L. Polk Co., Publishers	Image pg. A11
	c Moore Roger	R.L. Polk Co., Publishers	Image pg. A11
1958	ss 2w Robinson Buster J	Morrison Fourmy Directory Co., Publishers	Image pg. A12
	Bathing Pool	Morrison Fourmy Directory Co., Publishers	Image pg. A12
	ss 1w Barton Springs	Morrison Fourmy Directory Co., Publishers	Image pg. A12
	ns 1s Zilker Park	Morrison Fourmy Directory Co., Publishers	Image pg. A12
	c Wiesner Alois J	Morrison Fourmy Directory Co., Publishers	Image pg. A12
	Zenkner Fred W	Morrison Fourmy Directory Co., Publishers	Image pg. A12
	Zenkner F W Cycle	Morrison Fourmy Directory Co., Publishers	Image pg. A12

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1953	ing Pool	Morrison Fourmy Directory Co., Publishers	Image pg. A13
	Barton Springs Bath	Morrison Fourmy Directory Co., Publishers	Image pg. A13
	Whitt Alice Mrs	Morrison Fourmy Directory Co., Publishers	Image pg. A13
	Chapman Marshall	Morrison Fourmy Directory Co., Publishers	Image pg. A13
	Zenkner Fred W	Morrison Fourmy Directory Co., Publishers	Image pg. A13
	Zenkner F W Cycle	Morrison Fourmy Directory Co., Publishers	Image pg. A13
1947	Barton Springs Bathing Pool	Morrison Fourmy Directory Co., Publishers	Image pg. A14
	Zenkner Fred W bicycle dlrs and reprs	Morrison Fourmy Directory Co., Publishers	Image pg. A14

2000 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1996	ZILKER PARK BOAT RENTALS C	R. L. Polk Co., Publishers	Image pg. A3

2201 BARTON SPRINGS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2007	AUSTIN SPLASH AQUIFER	Polk City Directory	
	EXHIBIT government offices	Polk City Directory	
	BARTON SPRINGS POOL	Polk City Directory	
	swimming pools public	Polk City Directory	
	Reeves Tommie S	Polk City Directory	
	Wright John L	Polk City Directory	
	Wright Jesse	Polk City Directory	
	ZILKER PARK BOAT RENTALS	Polk City Directory	
	boats rental & charter	Polk City Directory	
	ZILKER PARK MAINTENANCE parks	Polk City Directory	
2002	BARTON SPRINGS POOL swimming pools public	R. L. Polk Co. Publishers	Image pg. A1
	MIDDLE MAN MUSIC CMY records tapes & compact discs	R. L. Polk Co. Publishers	Image pg. A1
	ZILKER PARK MAINTENANCE parks	R. L. Polk Co. Publishers	Image pg. A1
	ZILKER ZEPHYR MINIATURE TRAIN hobby & model constr supl	R. L. Polk Co. Publishers	Image pg. A1
1996	ZILKER PARK RAILROAD	R. L. Polk Co., Publishers	Image pg. A3
	Macias Rodney	R. L. Polk Co., Publishers	Image pg. A3
	Macias Sarah	R. L. Polk Co., Publishers	Image pg. A3
1962	Redinger Marion	R.L. Polk Co., Publishers	Image pg. A11
	c Zillaponds Ben G	R.L. Polk Co., Publishers	Image pg. A11
	end Zilker Park	R.L. Polk Co., Publishers	Image pg. A11
	Barton Springs	R.L. Polk Co., Publishers	Image pg. A11
	Bathing Pool	R.L. Polk Co., Publishers	Image pg. A11

FINDINGS

ROBERT E LEE RD

605 ROBERT E LEE RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2007	UMLAUF SCULPTURE & MUSEUM museums	Polk City Directory	
2002	UMLAUF SCULPTURE & MUSEUM government offices	R. L. Polk Co. Publishers	Image pg. A2
1996	UMLAUF SCULPTURE & MUSEUM	R. L. Polk Co., Publishers	Image pg. A4

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1815 BARTON SPRINGS RD	2007, 2002, 1996, 1990, 1984, 1980, 1975, 1970, 1965, 1962, 1958, 1953, 1947, 1929, 1922, 1916, 1911, 1906, 1901, 1896
1825 BARTON SPRINGS RD	2007, 2002, 1996, 1990, 1984, 1980, 1975, 1970, 1962, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
1900 BARTON SPRINGS RD	2007, 2002, 1996, 1965, 1962, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
1914 BARTON SPRINGS RD	2007, 2002, 1996, 1990, 1984, 1980, 1975, 1970, 1965, 1962, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
1916 BARTON SPRINGS RD	2007, 2002, 1996, 1990, 1984, 1980, 1975, 1970, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
2000 BARTON SPRINGS RD	2007, 2002, 1990, 1984, 1980, 1975, 1970, 1965, 1962, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
2201 BARTON SPRINGS RD	1990, 1984, 1980, 1975, 1970, 1965, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
505 BARTON BLVD	2002, 1996, 1990, 1984, 1980, 1975, 1970, 1965, 1962, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896
605 ROBERT E LEE RD	1990, 1984, 1980, 1975, 1970, 1965, 1962, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

2022-2098 Barton Springs Rd

Address Not Identified in Research Source

2007, 2002, 1996, 1990, 1984, 1980, 1975, 1970, 1965, 1962, 1958, 1953, 1947, 1940, 1935, 1929, 1922, 1916, 1911, 1906, 1901, 1896

Source Page Images Appendix

BARTON SPRINGS RD 2002

Polk Directories Now on the Internet @ www.MrPolk.com

NEW NEIGHBOR

BARTON SPRINGS RD Cont'd

- 209 Hurst Keith R Cont'd
212 Hoke Kelli R
214 Anderson Matthew W & Patricia M
214 Leschkar Todon O
216 Branson Charles H
217 McDonald Willis B & Nancy H
221 Soyars Blake R
223 Barnett Maureen G & William A
228 Carter James H
229 Clayton Gregory R & Katharine
230 Palmer Douglas C
231 Burns Kevin M
233 Ranes James W & Karen L
235 Hedmann Mike
238 Flores Rebecca L
238 Tomlinson Cynthia R
242 McMahon Doran O
1518 Acevedo Delons M
Alien Edward J
Avrett R J
Bishop Richard
Boswell Jimmy L
Brooks Jared
Campbell Mike
Carter Julie
Chngman Mary
Clark Stanley E
Dobyns B M
Drott Gregory D
Emerson L R
Gebhardt E J
Jennings William A III
Kinzie Irma
McCartney Robert D & Carol R
Middleton Rusty
PECAN GROVE RV PARK
SIMPLE ANSWERS
Walters Dahn J
Willis Adam
Fowler Gty S
Schiver Ken D
Chandler Robbe D
5 Canfield Dennis L
6 Downs Jeffrey A
6 McLaughlin Robert M
7 Barner William J
7 Compeau Donald P & Mary D
7 Davis Carol S
11 Marabie Kathi A
16 Riley Nancy M
35 @ Prado Irma
35 @ Reichler A
39 Joyce Teri M
44 Shuler Kenneth D
51 Furback Wendy L
57 Robbenott Lynn A
82 Schoan Katharine C
75 Black Sam P
82 Lester Todd
1525 DIAMOND SHAMROCK CORP
1530 HENRY'S RESTAURANT Y
1600 Calvin Scott W
@ Drews Paul
@ Law Adam
@ McDonald James
A Canter Teri M
1601 FLIPNOTS COFFEESPACE
1802 Walker M
Williams Jason H
A Toomey Dan R
B Nyeon Karen E
C Bryant Elaine D
H Jarwich William R

BARTON SPRINGS RD Cont'd

- K @ Ames Mark G & Sarah J
1608 PIZZA NIZZA restaurants
1624 SHADY GROVE CAFE restaurants
1625 JUICE JOINT juices-retail
1627 MILLER EMILY shutters
500 Miller Emily C
1828 BABY ACAPULCO restaurants
1707 TNT CLEANERS cleaners
1718 Dozier Jim
@ Henry Susan
Ima Patty
Patty Ima
@ Voss Avm & Margret
C Gilbert Harold E
H Abell George L
J Donovan John B
K Zumwalt Larry
O Hart Ernest N III
R Brooks Susan B
1720 Cookrail Joseph
@ Crandell Dennis & Marilyn
@ Traynor S
35 @ Phillely Ken
AMWAY DISTRIBUTORS
D Sloan David F & Jennell D
L Hoffman Mark A
N Gunn Roy T & Edna W
1728 CHUY'S RESTAURANT restaurants
+ STERZING ST ENDS
+ BARTON BLVD INTERSECTS
+ ROBERT E LEE RD INTERSECTS
+ BARTON PKWY INTERSECTS
+ ZIP CODE 78746 CAR-RT 0016
2201 BARTON SPRINGS POOL
swimming pools-public
MIDDLE MAN MUSIC CMY records
& compact discs
ZILKER PARK MAINTENANCE
parks
ZILKER ZEPHYR MINIATURE
TRAIN hobby & model constl suppl
2220 TEXAS BOTANICAL GARDEN
SOCIETY associations
ZILKER BOTANICAL GARDEN
government offices
BUSINESSES 127 HOUSEHOLDS 118
BARTON VIEW DR (AUSTIN)-FROM 4753
DUDMAR DR NORTHWEST
+ ZIP CODE 78735 CAR-RT 0027
3200 Vonehren Heinz R & Ana
3201 Jessop Frances L
3203 Boler Richard D
3205 Eamhart Martha A
3207 Bue Thomas J Sr
3210 McDonald Donald M & Janice R
3211 Stover Ward A & Kimberly A
3212 AUSTIN PROFESSIONAL TREE
CARE tree serv
Holder Perry L
146 Himeinck Deborah A
3213 @ Gronon M
3216 Wegner Bill A & Margaret M
3217 @ Ribera Anthony
3219 Garnett Danny
+ STEARNS LN INTERSECTS
BUSINESSES 1 HOUSEHOLDS 15
BARTON VILLAGE CIR (AUSTIN)-FROM 2825
WESTHILL DR SOUTHEAST
+ ZIP CODE 78704 CAR-RT 0028
2300 L Caldwell Felice H
10 Montecoso Sara O
2301 @ Vargas V J
10 Price Elizabeth A
2302 @ Bellamy Jason
@ Lack Amy
@ Thompson Jason
2303 @ Mancillas Isaac

BARTON VILLAGE CIR Cont'd

- 10 Campbell Kelly A
10 Weaver Kimberly D
2304 @ Brown William
@ Mansfield Kenneth
B Overath Tracy
2305 L Kadsch Sarah R
10 @ Ruiz Ricardo R
2306 L @ Brown Vanessa L
10 Staublein Amber L
2307 @ Azuli Piaf
10 Janis Fred A
10 Shawn Colin G
10 Whitten Enck J
2308 @ Callahan Linda
10 Crandall Elizabeth H
10 Gamez Rebecca J
10 @ Garza Dina
HOUSEHOLDS 25
BARTONCLIFF DR (AUSTIN)-FROM 1701
BROOKHAVEN DR
+ ZIP CODE 78704 CAR-RT 0035
1700 Emmott-Schiller Barbara R
Tretjak Dunya I & Ziga
1702 Wilson Sam H
+ CRESTHAVEN DR BEGINS
+ GRAYWOOD CV BEGINS
1712 Thomasson Michael R
1714 Davies Roland S
1717 White Melissa J & Eric R
1718 Hurd Irene A
1720 EMMERT-SCHILLE BARB
nurses registries
Schiller Alden L Jr
+ GLENCLIFF DR INTERSECTS
BUSINESSES 1 HOUSEHOLDS 8
BARTONS BLUFF CT (AUSTIN)-FROM 2799
BARTONS BLUFF LN SOUTHWEST
+ ZIP CODE 78746 CAR-RT 0008
2500 GENESIS TECHNICAL
MARKETING marketing programs
& serv
2507 Gray Ted G Jr & Judy
2509 Bermadas Salvador R & Pamela K
BUSINESSES 1 HOUSEHOLDS 24
BARTONS BLUFF LN (AUSTIN)-FROM 2327 S
MD PAC EXPY
+ ZIP CODE 78746 CAR-RT 0008
2701 Tufeni Camille N
2707 Khan Ashfaq R
2709 Hesselasweel Francis N & Timothy B
2710 Braslas Deborah A & Robert N
2711 Dorcy Daryl B & Diana L
2712 Zinacker Stephen W & Kathleen W
2713 Miller James H
Vasquez Melba J
2714 Nowlin John H & Lynn N
2716 Wold David D & Jane E
2719 Garza Severiano A & Violet G
2720 Gildersleeve David C
2723 Sieglele Frederen H
+ BARTONS BLUFF CT BEGINS
2800 @ Adair Allyson
@ Amer Stephanie
@ Babbalier Katherine
@ Baker Kristina
BARTON CREEK LANDING APTS
apartments
@ Berk Adam J
Bonnette Robin L
@ Bnzolara Michael
Buchanan Christine
@ Burgelin Chris
@ Butler David
Chris Corner
Coffey Mike
Collins Sandy J
@ Concoran Kelly
@ Curb Megan
@ Devoud Damon
@ Delehanty T
@ Farringer Jennifer
@ Flores L
@ Flynn Sean & Lena

BARTONS BLUFF LN Cont'd

- @ Gauntt Leigh
Grigg Erica
@ Hajdik Kevin
@ Haydon Joseph
Heckmann Lloyd
@ Herrera Kathenne
@ Hunnicutt Carrie R
@ Hwang Fel
@ Karschnik Don
@ Knox Marnie
@ Krishnamurthy Ram
@ Lukert David & Cindy
@ McClellan Hadley K
Mesacke Sven & Saysha
Middleton J
@ Moham Osama
@ Mylen Zanna
@ Murphy A
@ Orde Rebecca
@ Osbakken Stephen
@ Owens Michael
@ Parker Lisa D
Parker Michelle
Prasara Amn
Prasacu Danut
@ Raines Evelyn
Reingardt-Green Lydia C
Rhotan R A
@ Schmure Ailana
@ Schulz Laune
Shurway R L
@ Solnis Anna
Sonano Betina
@ Stialla L
@ Stenger Holly
@ Sincikler Angie
@ Sydow Michael
@ Taylor Andrea
@ Thomas Lauren
@ Thorp Adrienne
@ Till P L
@ Vanek Brit
@ Villegas Stephen
Wailing Greg
@ Zheng Guli
@ Zuckerman Benjamin
19 Gutierrez K
201 Robinson Charles E Jr
202 Walker Jim & Fran
206 Davis Scott A
311 Knnock Sarah N
401 Twogood Jennifer
403 Angley Rita A
405 Davidson Joseph L & Lura H
504 Loras Scott
506 Garcia Michael
507 Ode Rebecca K
510 Hermes John W
510 Svoboda Stephanie L
511 Hutweker Michael R
608 Boling Eric
610 @ Deiva Rohit & Rachael
707 Garza C G
709 @ Smith Andrew M
713 @ McIver Annie
714 @ Pickle Erin C
901 Swanson Pat & Mary S
902 Feneion Kenneth B Jr
903 Hintz James F
1008 Drews Monica
1008 Owen Keith Q
1101 Burdett Jeffrey W
1204 @ Seever Adam T
1212 Johnston Evan
1303 Gupta Anil Kumar R
1304 Corzine Yolanda Z & Eric B
1404 Schierloh Doreen A
1405 Campisi Chris L
1502 @ Coy Nancy J

BARTONS BLUFF LN Cont'd

- 1504 Kim Taabum & Tee B
1505 Bearden Stephen W
1505 Macdonell Carol L
1508 Elzakhov Elzabet H
1511 Elliott John C
1604 Himmelstein Jason S
1607 Johnson Amanda J
1702 Momin Nizar A
1710 Williamson James B
1711 D'Agostino Joshua A
1712 Vorwerk Helen E
1804 Mars Ern R
1903 @ Lashley Deanna L
2004 Higgins Gregory L
2008 Hanes Sally Y
2101 Lovvorn Kimberly J
2103 Timmons T
2106 Amarante Shena D
2209 Faurmer Charles S
2203 Frankel Stephen C
2206 JENNIFER HILL PUBLIC
RELATIONS public relations
counselors
2208 @ White Linda
2209 Schiffler Becky
2211 French Karen D
2213 McQueen Patricia A
2214 Buss Michael S
2405 Mendez-Clay Marilyn V
2405 Hensley James L III
2601 Holmes Robert C III
2601 Rogers Johnne B Jr
2603 @ Teagarden Christina M
2607 Gaffin Gary K
2612 Rollins Michal J & Sheila
2707 James William S
2713 Kronlson Marcus R
2713 Talbot Tina D
BUSINESSES 7 HOUSEHOLDS 148
BARWOOD PARK (AUSTIN)-FROM 098 N IH
35
+ ZIP CODE 78735 CAR-RT 0010
600 @ Alariz Ricardo
Anderson William
Asuh James J
@ Babcock A
@ Baker J
Carroll Paul
Davis Jean
@ Evans Shana
@ Fulwiler Joe W
@ Gasclair Bill
@ McCowan Sandy
@ Morales Dora
@ Mott Philip
@ Padenes G
PEP-EZE
Radago Rebecca
@ Rath Michelle
Redmond Krystal
HEMINGTON HOUSE
APARTMENTS apartments
Schula Char
@ Stodum Phidemic
@ Sift Kay
Vika Antonio C
Wimberley Bobbi
215 Deroule George F

Get Mailing Lists, Sales Leads, and Business Credit Reports on-line and other Polk Directories @ www.MrPolk.com

ROBERT E LEE RD 2002

Polk Directories Now on the internet @ www.MrPolk.com

NEW NEIGHBOR

ROAN LN Cont'd

- 8111 McCullough Dennis L
8312 Villego Sylvia F
White Suzanne E
8313 Cooke James D
8314 Albert Roger D
8317 Loti Sabrina N
8318 Woods William E II & Ida M
8319 Nelson Herman M
8320 Glubczynski Mark F & Debbie L
8400 Figer Adrian R & Rachel M
8402 Bryant Joe K & Laura L
8403 Green Pamela D & Steven R
8404 Craig William J
8406 Blangner Vicki L
8407 McMichael Sharon K
8408 Simms Larry W
8410 Okafee Cynthia A

CHELMSPOND DR INTERSECTS

BUSINESSES 1 HOUSEHOLDS 31

ROANOKE DR (AUSTIN)-FROM 5201 LEHIGH DR NORTH

- * ZIP CODE 78733 CAR-RT C019
6801 SELECTIVE SHOPPERS liquidators
6805 Kirk Bennie R Jr
6807 Mendez Lazaro M & Pearl B
6808 Kirtz William W
6809 Donaldson John R

LYOLA LN BEGINS

BUSINESSES 1 HOUSEHOLDS 28

ROANOKE DR (CEDAR PARK)-FROM 1699 PLATEAU RDG SOUTH

- * SHEMANDOAN DR CONTINUES
* ZIP CODE 78613 CAR-RT R02
3406 Hams Brian D & Ariene J
3410 Byrd Christopher R
3411 Hinton Gerald L & Debra A
3412 Leves Michael J
3413 Buszinski John J
3414 Moskal Becky L
3415 Donaldson John R
3417 Wilkerson Larry G & Angelica K
3419 Kilgore Billy J & Judy B
3421 Brittle Melanie D
3501 Oeding Kelly R
3502 Dewitt Stewart H Jr
3503 Goodin Daniel
3504 COYOTE WELDING welding
3505 Ramirez Rick Sr
3506 Barr William J
3510 Spire Patty
3520 Kane David L
3521 Curd James B
3522 Kane David L
3523 Curd James B
3524 Curd James B

PLATEAU RDG INTERSECTS

BUSINESSES 1 HOUSEHOLDS 18

ROB ROY RD (AUSTIN)-FROM 43 COUSTEAU LN SOUTH

- * REDGE LN CONTINUES
* ZIP CODE 78746 CAR-RT R04
3 ANGEL FIRE MARKETING marketing programs & serv
Goodson Alfred W Jr & Judy H
5 Yurko John A Jr & Ellen S
8 Hyde Janet W
7 Onecoll Michael J
8 Vescovo Patrick G
* COUSTEAU LN INTERSECTS
9 Jones Noranne H
12 Comucci Nicholas C
13 Dewell Deborah J
14 Wessner Arnn W
17 Wessner Blaine F
* SAINT STEPHENS SCHOOL DR INTERSECTS
* ENLICH RD INTERSECTS
BUSINESSES 1 HOUSEHOLDS 10

ROB SCOTT BT (AUSTIN)-FROM 1701 ADINA ST SOUTH EAST

* ZIP CODE 78721 CAR-RT C032

ROB SCOTT ST Cont'd

- 5001 Simms Jo A
7600 Napier Allison C
7602 Carmichael Joy R
7602 Meynman Kasee L
7606 AERCO ELECTRONICS electronic research/development
7608 Ham Floyd R
7700 Elliott James R
7702 Meynman Kasee L
7706 Foote Carl J & Linda P
7710 Wilson Robert E
7712 Cochran Josephine G
* NORTHWEST DR BEGINS
BUSINESSES 1 HOUSEHOLDS 10

ROBB LN (ROUND ROCK)-FROM 901 SARA DR NORTH

- * ZIP CODE 78664 CAR-RT C002
1400 Hacker Aiden F & Linda B
* KAROLYN DR CONTINUES
1402 ASTRO SEPTIC & DRAIN SVC plumbing contractors
Lucas Ricky L & Lori A
1406 Warwick Valene
* VIRGINIA DR INTERSECTS
1504 Kitts William W
* DENNIS DR INTERSECTS
1600 Eibers Layne D & Stephanie
1603 Grohosky Stephen T & Mary J
1604 Cywinski Norbert

SARA DR INTERSECTS

- 1706 Griffin Mary M
Holloway John L
* HEATHER ST BEGINS
1802 Sellstrom Raymond
1805 Arnett Ivan R & Martha A
1807 Hicks Richard J
1809 Allen Connie J
* E BOWMAN DR INTERSECTS
BUSINESSES 1 HOUSEHOLDS 13

ROBBIE DR (AUSTIN)-FROM 3629 CIMA SERENA DR NORTHEAST

- * GREENSLOPE DR INTERSECTS
* HYRIDGE DR INTERSECTS
ROBBIE CREEK CV (AUSTIN)
* ZIP CODE 78750 CAR-RT C072
6500 Collins Michael G
* LAKEWOOD DR CONTINUES
6504 Strauch Caroline W
6603 VENTURA MAGNA INC
6604 Grady Sue H
6610 Ernst Martin R
6611 Stovall Ann S
BUSINESSES 2 HOUSEHOLDS 6

ROBBINS PL (AUSTIN)-FROM 1099 W MARTIN LUTHER KING JR BLVD NORTH

- * VANCE CIP ENDS
* ZIP CODE 78706 CAR-RT C009
1902 B Scott Andee S
1904 Scott Armands
Gallardo Paul G
* Mikessa Rachel S
SUZANNE HASSLER-DRAMATURG theatre consultants
7 Cesaro Peter J
1907 Alley Court
Hurst Courtney
Richardson J B
Swift Chris
104 Kim Insun
104 S Samuel Ruth
1909 Black Lauren E
Buckley Larry L
Shultz Laura
B Hovey Brooke
1910 Cerpender Chris
Crain Mike
Digler Dirk
Erickson Ashley

ROBBINS PL Cont'd

- Fuhrken A
Harkin Matthew
Hyatt Jackson
Marquardt Jason
More Sam
Pritchard Price
Reynoso Pablo
4 Gaither John
104 Turner Kristen
208 Wright James D
210 Maxwell Donald
212 Perales Tony
301 Epley Michael
302 Wingate James W
307 Levine Ornn
1913 Elledge Eric
1915 Kaplan Dana
Malca Jessica
Potorney Randy
Waine Travis
1918 Paces Saily
1918 Scott Hall
Wood Michael
1919 Nguyen Andrew
6 Bui David G
7 Chang Peter Y
* W 22ND ST INTERSECTS
BUSINESSES 1 HOUSEHOLDS 47

ROBBINS RD (AUSTIN)-FROM 6901 OAK SHORES DR

- * ZIP CODE 78730 CAR-RT R018
3505 Mandy William J & Rosalie L
3603 Beeby Markus
* RAUIS DOUGLASS E
* SHAR SAMER D
3703 Lasater Marceline L
BUSINESSES 1 HOUSEHOLDS 5

ROBBINS ST (PFLUGERVILLE)-FROM 490 PECAN ST W SOUTHWEST

- * PAUL ST INTERSECTS
ROBBS RUN (AUSTIN)-FROM 2513 HILLVIEW RD
* ZIP CODE 78703 CAR-RT C026
2801 Thompson Gayden
2806 Peterson Beth H
BUSINESSES 2 HOUSEHOLDS 2

ROBBY LN (CEDAR PARK)-FROM 2415 MADELINE LOOP SOUTH

- * ZIP CODE 78613 CAR-RT R018
2300 Woodmanry Gary L
2301 Simpson Daniel K & Christine
1116 Scott Sean M & Candi
2303 Nobles Eran
2304 Beck David C
2305 Ali Zahir M
2306 MASTERS SOFTWARE soft testing
2308 Frazier Jackie L & Hal E
2309 Momin Rahum W
2310 Burns Kevin
2311 Ali Hyder
2312 Delorenzo Matthew L
2313 Veja George G
* OLD MILL RD BEGINS
BUSINESSES 1 HOUSEHOLDS 11

ROBERT BURNS DR (AUSTIN)-FROM 6909 EDINBURGH CV NORTHWEST

- * BANNOCKBURN DR CONTINUES
* ZIP CODE 78746 CAR-RT C074
3801 Armstrong Steven P & Carme G
STEVE ARMSTRONG PHOTOGRAPHY wedding consultants planning/a
3803 Routh John M & Nancy C
3901 Paskoff Michael K
* DONAGAL RD BEGINS
3905 Alvarez Reynaldo R Jr
RAY ALVAREZ REALTY CO real estate mgmt
* EDINBURGH CV ENDS
3809 1405 Powell Ruth J
BUSINESSES 2 HOUSEHOLDS 5

ROBERT E LEE RD (AUSTIN)-FROM 6904 MAIR PAUL A

* ZIP CODE 78749 CAR-RT C076

6908 QUINBY MICHAEL S & CONNIE D

6915 ZIMMERMANN DAVID R & KAY E

ROBERT DUXON DR Cont'd

- 6916 Kolb Randall B & Grace M
6920 Foster Clifford G & Marjorie A
6921 Doscher David A & Karen L
6924 Flanagan Glenda J
6928 Pierce Darrell W & Denise N
6929 Lawler Billy G
* HOUSEHOLDS 9

ROBERT E LEE RD (AUSTIN)-FROM 2201 SPRING CREEK DR SOUTH

- * BARTON PKWY CONTINUES
* ZIP CODE 78704 CAR-RT C032
605 UMLAUF SCULPTURE & MUSEUM government offices
701 McLanahan Eileen
A AUSTIN PRINTER SOLUTIONS printers
801 B Carin Derek P
803 Reid Joyce
B Kurten Nathan S
807 B Morales Alex
809 Bigham Jeff
* LUND ST BEGINS
905 Lehman Jon
* TULL JENNIFER
1001 Sanders Kathleen D
1003 Hall Brooke
* O'Keefe Laura
1005 Triggs Rae R
1007 MATHIAS CO DEVELOPMENT land planning serv
* BARTON HILLS DR BEGINS
1100 Bussey Aaron
* LEVIN JACK
Montgomery John H IV
Williams Tralac
2 Hamner William S
8 Andrews Susan K
10 Grawing Eric T II
11 Hanson Erik D
15 Slatka Mark M
16 Howell Nancy C
17 Blaschke Rhonda E
18 Nash Barbara E
1103 Violand Paul J
1104 Nunn John B Jr
1112 A Lopez Michelle
A Lozano Nadia Y
B Bailey Edward L
1114 A Randall Andrew H
B Kirk Cheryl L
1116 Scott Sean M & Candi
1118 A Lummis Pilar M
1120 Hams Eleanor
Sanchez Cesar
B Lindsey Branda
* TRAILSIDE DR BEGINS
* SPRING CREEK DR INTERSECTS
1304 Boozar Jamey
GLOBE PEQUOT PRESS publishers-book
OUTDOOR ENHANCEMENTS INC
* SUTROCK ENDS
1306 Wharton Art
* MLEBRIDGE PL ENDS
* RAAB RD BEGINS
BUSINESSES 1 HOUSEHOLDS 39

ROBERT I WALKER BLVD (AUSTIN)-FROM 14643 TOWN HILL DR SOUTH

- * ZIP CODE 78728 CAR-RT R051
14401 O McBride Eleanor R
14403 Cohen Stuart J
* TRACY 7TH ENDS
14407 Krainer Thomas C
14409 Silvers Michael O
14411 Cine James A
14417 Minewasser Teresa M
14419 Lucas Larry L
14423 Dalton Katherine M & James B
14424 Cine James A
14434 Lozza Justin J
14435 Godbord Michael J
14436 Clayton Lee
14437 Sorode George J
SUNCOVER CO mfrs

ROBERT I WALKER BLVD Cont'd

- 14438 R Sandoval Israel U & Frances M
14439 Maxey Douglas W & Janet D
14441 White David W
* CHARLA CIR INTERSECTS
14442 Slusher Dana E
14445 Trumble Jonathan D
14446 Tavonon Elaine A
14448 Scott Mark A & Theresa A
14450 Morgan Tamara L
14454 Ginnssam Charley M III
14458 Gavia Sharon E
14469 Licon Ernest
* CLAUDIA JUNE AVE INTERSECTS
14471 Davila Maria E
14475 Richter John C & Heidy B
14477 Hutchens Hutch & John P
14479 Rensau Laura K
14481 Villarmal Kosa M
14485 Alverson Mary F
14487 Eckel Jeff A
14491 Powell John E & Sherm G
14493 Hanawalt Christine H
14495 Jakubowsky Martin G & Deborah B
14497 Delgado Lisa
14499 Brunson William C & Patricia L
* DOWD LN BEGINS
14503 Cheshire Robert J
* KLATTENHOFF DR INTERSECTS
14516 Demier Rockne H
14517 Arnezquita Mary J
14521 Jones Gerald A
14523 Kait Steven B
14525 Alcalá Leonard O
14527 Taylor David M & Kyli R
14529 Paredes Fernando R
14531 Cole Elaine C
14534 Albin Thomas L
14536 Bowser Bryan E & Linda
14537 Hamington Jerrold B
* CLAUDIA JUNE AVE INTERSECTS
14538 Borges Mariano S & Taryn L
14539 Ganoer Jason M & Blythe L
Jewell Blythe O
14541 Fanton Kristi L & Derek S
14542 Morano Mania V
14545 Hsuang Hiep T
14546 Surac Nicholas R
14547 Bnan Ernest
Doll Darci E
14548 Chapman Donald J & Sharon D
14553 O'Olvera Lon & Angie
14555 Gantick Tim S
14559 Gilmore Brandon N
14560 Stewart Deborah L
14562 Martin Jose L & Nemesia A
14563 Reveley Richard L & Tessa K
14565 Steubing David H Jr & Deborah M
14568 Anderson Laura B
14568 Nauyaska Carrie T
14570 Manning Rena R
14572 Gongaruthu Rama R
14575 Williamson Stephen C Jr
14579 Antidea Arturo P & Bertha M
14581 Andrews Cristina M

Get Mailing Lists, Sales Leads, and Business Credit Reports on-line and other Polk Directories @ www.MrPolk.com

BARTON SPRINGS RD 1996

87

BARTON DR to BARTON VIEW DR

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 2150 Stearns Gerald to 2652 KELLER Wm A.

BARTON CIR (A) 78733

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 3002 Chen Wei to 3203 Strong Kai.

BARTON POINT DR (A) 78733

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 2706 MacLearie Bill to 2912 Byrd Carrie.

BARTON DR (A) 78733

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 3000 Jordan Dona to 3109 Scheffner James.

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 3110 Dapper Daniel to 3205 Karchem Larry.

BARTON POINT DR (A) 78733

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 3300 Works L L to 3509 Buckman Benjamin.

BUSINESSES 1 HOUSEHOLDS 22

BARTON SPRINGS RD (A) 78704

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 201 GIRTON & MC CALLISTER to 210 CHILD SUPPORT DIV.

GENERAL CONTRACTORS

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 301 BENNIGAN'S to 601 WHATABURGER.

HAMBURGERS

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 603 SANDY'S to 811 B I BARTON.

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from STILLWATER ASSOCIATES to 1003 VINNY'S TEN-O-THREE.

BUSINESSES 1 HOUSEHOLDS 22

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1017 STORE to 1110 AUSTIN ART IN ARTS CTR.

BUSINESSES 1 HOUSEHOLDS 22

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1200 THREE AT THE BOX to 1400 GREEN MESQUITE.

BARTON SPRINGS RD (A) 78704

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1410 BARTON SPRINGS to 1501 Albrecht J.

GENERAL CONTRACTORS

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1601 FALCON to 1720 AIRWAY.

ZIP CODE 78746

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 2000 ZIP CODE PARK BOAT to 2202 BARTON SPRINGS.

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1518 PECAN GROVE RV PARK to 1600 BUTLER E.

BUSINESSES 1 HOUSEHOLDS 22

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1601 FALCON to 1602 SHADY GROVE RV PARK.

BUSINESSES 1 HOUSEHOLDS 22

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1603 PIZZA NIZZA to 1624 SHADY GROVE CAFE.

BUSINESSES 1 HOUSEHOLDS 22

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1627 Courtney Dawn to 1718 KOMATSU SILICON.

BUSINESSES 1 HOUSEHOLDS 22

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 1720 AIRWAY to 1806 PULPO LOCO AT THE PARK.

ZIP CODE 78746

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 2000 ZIP CODE PARK BOAT to 2202 BARTON SPRINGS.

BARTON VIEW DR (A) 78735

Table with columns: Address, Zip+4, CarrRte, Phone, cont'd. Lists addresses from 3200 Vonehrn Heinz to 3201 Vonehrn Laun.

ROBERT E LEE RD 1996

ROBERT BURNS DR to ROBINSON AVE

628

ROBERT BURNS DR cont'd

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Armstrong Steve, Teal Thomas A, Mitchell Jean R, etc.

BUSINESSES 1 HOUSEHOLDS 11

ROBERT E LEE RD (A) 78704

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for UNLAIUF SCULPTURE & MUSEUM, Brannan Janette, etc.

JOHN BOCHER

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Allen Gloria, Booher John, Brown Michael, etc.

BUSINESSES 1 HOUSEHOLDS 15

ROBERT KLEBURG LN (A) 78749

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entry for Tennentia Lee.

BUSINESSES 1 HOUSEHOLDS 15

ROBERT MARTINEZ JR ST (A) 78702

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Martinez Adela E, NETZ ELEMENTARY SCHOOL, etc.

BUSINESSES 8 HOUSEHOLDS 6

ROBERT WEAVER AVE (A) 78702

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Rosales Mario, Zaldunido Maria, etc.

BUSINESSES 8 HOUSEHOLDS 6

ROBERTS AVE (A) 78704

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Gibbs C, Alexander Philip N, etc.

BUSINESSES 4 HOUSEHOLDS 4

ROBERTSON ST (A) 78703

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Owens Karen, Webb John D, etc.

BUSINESSES 2 HOUSEHOLDS 2

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, etc.

ROBERT T WALKER BLVD cont'd

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Myers Elaine, Stecher James, etc.

BUSINESSES 1 HOUSEHOLDS 11

ROBERTSON ST cont'd

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Howard Teresa, Sullivan Joe, etc.

BUSINESSES 1 HOUSEHOLDS 1

ROBIN CT (A) 78758

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Washington N, Anthony Taneka, etc.

BUSINESSES 2 HOUSEHOLDS 2

ROBIN LN (7) 76574

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entry for Sutton Larry V.

BUSINESSES 1 HOUSEHOLDS 1

ROBIN RD (M) 78652

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Hajduk A, Walker A, Kennedy Terry, etc.

BUSINESSES 2 HOUSEHOLDS 2

ROBIN TRL (R) 78681

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Hanley H K, Webb Marc C, Webb Renee, etc.

BUSINESSES 15 HOUSEHOLDS 15

ROBIN DALE CT (A) 78734

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Hanzlik Brian, Lindley M, Beguin Barbara, etc.

BUSINESSES 9 HOUSEHOLDS 9

ROBIN DALE DR (A) 78734

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Herstein A E, Tempin Robert, Franceschini Kirk, etc.

BUSINESSES 8 HOUSEHOLDS 8

ROBIN HOOD RD (L) 78645

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Belles Melissa, Belles Eddie, Belles George, etc.

BUSINESSES 5 HOUSEHOLDS 5

ROBIN RIDGE LN (A) 78750

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Bissett Joseph L, Pilman Brady L, Sealie Randy, etc.

BUSINESSES 2 HOUSEHOLDS 2

ROBINSON TRL (A) 78703

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Westside Group, Carlin Craig, etc.

ROBINHOOD TRL cont'd

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Lapschutz Gabrie, Crowe Lynn, Campbell Lee, etc.

BUSINESSES 2 HOUSEHOLDS 2

GREENWOOD PHOTO

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Carlin John, Greenwood Mary B, Jeffrey Phillip, etc.

BUSINESSES 2 HOUSEHOLDS 2

ROBINS RUN (A) 78737

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entry for Garber Jim.

BUSINESSES 1 HOUSEHOLDS 1

ROBINS NEST LN (A) 78729

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Todd Richard, White Jim, White Suzanne, etc.

BUSINESSES 15 HOUSEHOLDS 15

ROBINSDALE LN (A) 78723

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Garrett B J, Garrett B J, Andrea Daniel, etc.

BUSINESSES 15 HOUSEHOLDS 15

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE cont'd

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BUSINESSES 24 HOUSEHOLDS 24

ROBINSON AVE (A) 78722

Table with columns: Address, Zip+4, Carr/Rte, Phone. Includes entries for Meade Jason, Stone Barry, Milken Matt, etc.

BARTON SPRINGS RD 1990

PRIORITY COPY, INC. (512)835-5998

The best answer for your high volume copying and quality offset printing "Serving you since '82!"

BARTON HILLS DR-Contd
2402 Angerstein Kenneth
2500 Simms James J
2501 Hopper Jack
2502 Bean Frank E
2503 Soza A L
2504 Howell John
2505 Campbell Wm R
BARTON HILLS DR ENDS
2601Huddleston Shirley
2603 Huffines Robt
2605 Veselka Marvin
2607 Sidelnik Richd D
2608 Liverman Robt J
2608 Deason David
2610 Wornack Ken D
2611 Powell Gary L
2612 Mizell Walter H
DIP COVE ENDS
2613 Bridge Robt F
2614 Wiggins Terry S
2615 Grove James P IV
2616 Grossman Joe P
2617 Flower D R
2618 Rutland F D
2619 Word Thomas G Jr
2620 Vivian L S
2621 Calhoun Patricia T Mrs
2622 Chessman Joe P
2623 Imbreth Barbara F
2624 Denton Wayne E
CLEAR COVE BEGINS
2625 Wiedenfeld Dennis
2626 Busch Jens F
2627 Mc Allister Joe
2628 Zimmerman Harry L
2630 Vaughan Nancy C
CLEAR COVE INTERSECTS
2631 Jackson Herbert L
2632 Griffin Marvin C Rev
2633 Maldonado Mario
2634 Martinez Mait G
HORSESHOE BEND COVE BEGINS
2635 Ossenfort E J
2636*Traverse Mary C
2637 Goodsell Susan L
2638 Sangeroth James
DOWN COVE BEGINS
2639 Henderson Raymond G
2640 Mann Jas E
2641*Porter David
2643 Coyle E G
2645 Wheeler Chas H
2647 Rincon Don
2649 Werland Ed L
MOUNTAIN VIEW DR BEGINS
2652 Mc Caleb N A
TETHER TRAIL BEGINS
TOP COVE BEGINS
MILFOIL COVE BEGINS
2653*Silver B
2654 Vacant
2655 Winkler Joseph
TIP COVE BEGINS
SIDE COVE BEGINS
2657 Benavides Martin
2660 Craig Tommie A
2666 Maxwell Jack A Jr

BARTON SPRINGS RD -FROM 300 S CONGRESS AV SOUTHWEST AND WEST TO ZILKER PARK
ZIP CODE 78704
116 No Return
208 Hyatt Regency Austin
210 Office Bldg
Floors
1stfl State Animal Health Commission
2dfl State Atty Genl-Child Support
3dfl State Atty Genl-Child Support
4thfl State Atty Genl (Child Support Enforcement Div)
5th Fl State Atty Child Support Enforcement Div
300 Associated General Contractors
301 Bennigan's restr
306 Aussies Bar & Grill
312 Great Texas Music Hall
W RIVERSIDE DR INTERSECTS
400 Jalisco (Parking Lot)
414 Jalisco Bar restr
506 One Texas Center Bldg
100-200 Vacant (2 Suites)
300 Motorola Incorporated (M O S H Dept) electronics mfrs
400 Motorola Incorporated (Staffing Ofc)
450 Motorola Inc (Mktg Servs)
500 C R Surrine Inc engineers
600 Vacant
700 Star 107 K G S R-F M radio stations
740 Trans & Public Serv Dept & Eng Conast Div
750 City of Austin Public Works Dept (Addl Sp)

760 City of Austin Public Wks
760 City of Austin Surveying & Technical Writing
775 Vacant
800 City of Austin Transportation & Public Serv
850 City of Austin Trans & Pub Serv (Admin Div)
9th Fl City of Austin Transportation & Public Serv (Addl sp)
910 City of Austin Transportation & Public Serv
920 City of Austin Transportation & Public Serv
970 City of Austin Public Works Dept
980 City of Austin Watershed Department
1000 City of Austin Public Wks Dept
1045 City of Austin Transportation & Public Serv
1060 Fabulous Thunder Birds Inc production companies
1060 Roadstar Productions promoters
1100 Sheshunoff & Company bank consulting
1200 Sheshunoff & Company (Addl Space)
1220 One Texas Center (Mgmt Ofc)
1300 Sheshunoff & Company (Addl Space)
1306 Vacant
1350 No Return
S 1ST INTERSECTS
601 Whataburger
603 Sandy's Hamburgers
605 Mc Phail Florist & Greenhouse
721 City of Austin Elec Util Dept
801 Filling Station Restaurant & Bar
811 Building Suites
101 Solbourne Computer Inc computer software
111 Austin Aqua Festival Inc busn org
200 American Protective Servs
211 Vacant
220 Southwest Realty Inc property mgmt
222 Prospects Interior Planning & Design
222 Design Two interior design
300 State Housing Agency
400 Lichter Jamison & Associates Inc engineers
500 Hairston Walsh Anderson Underwood & Shultz law firm
511 Tynlabs Corporation computer software
522-600 Vacant (2 Suites)
700 Travis County Public Improvements
750 Travis Cnty Pub Improvements (Dev Permits)
800 Minter Joseph & Thornhill lwyrs
802 Mission Map Service Inc maps
808 Davis Group
808 Teleclip-Austin Inc news monitoring
808 O'Brien & Associates fund raisers
811 Kelly Temporary Services emp temp
965 Capitol Broadcasting Corp
965 K Q F X Radio Station
BOULDIN AV INTERSECTS
903 No Return
905 Burger Tex restr
921 Vacant
923 No Return
1003 Holiday House restr
1017 Seven-Eleven Food Store
1025 Vacant
DAWSON RD BEGINS
1110 Dougherty Art Center
LAMAR BLVD INTERSECTS
JOSEPHINE INTERSECTS
1400 Green Mesquite Barbeque
1404 Green Mesquite Barbeque
1410 Montgomery Ira Rue D B A
1418 B S Food Store
JESSIE INTERSECTS
1600 1/2 Michael's Antiques

1501 Apartments
101*Dunlap Tom E
102*Carrier Michelle L
103*Bai Sheila
104*Schill Nancy I
105*Koenecke Carsten K
106*Hewitt Mary A
107*Livingston Randy Jr
108*Patton David F
110*Moore David B
111*Robbette Gary O
112*Lopez David T
113*Pollard Michl E
114*Bortelon Roderick
115*Bean Craig M
116*Fitzgerald David E
117 Vacant
11847081*Gotcher Marian G
119*Martina Herman J
120*Dillard Gene R
121*Zabel Douglas
122 Vacant
201 Kelly Wm L
202*Duke Virginia P
203 Korsak Kolyann L
205*Walt Debra
206*Steele Jas D
207*Rubagumya Geo W
208*Furman W Brad
209*Chauncey Thos E
210*Polanco Joe M
211*Perez Anibal G
212*Garc Pedro
213*Bishop Sandra
214*Carter Robt S
215*Bishop Connelia
216*Robinson Herndon Y
217*Mc Donald Nancy H
218 Silver Robt J
219*Winburne Blake
220*Turullols Jesus
221*Fohani Celia F
222*Bredlove Robt S
223*Howell Susan L
224*Rodriguez Leonel O
225*Walder David T
226*Lamberston Gary C
227*Glaros Michl J
228*Davenport Thos T
229*Shapiro Jennifer
230*Snolik Erin
231*Jennings Chas D
232*Grimes Amy G
233*Ballard Buddie C Jr
234*Oulonta Michl J
235*Hartman Timothy
236*Churock Lee
237*Fordham Brad W
238*Goodwin Michl
239*Cunningham W B III
240*Luck Jackie
241*Davis H Glenn
242*Shulley Michl W
1518 Pecan Grove Recreation Vehicle Park
Mc Donald Michl
1*Barrett Wm J
2*Burns Andrea
*Chingman Mary
*Collier Steve
*Cooksey Ben F
*Dingley Elizabeth
*Dundon Wm
*Fisher Dolores A
*Ford Meredith
*Froeschfalle Ann
*Garcia Jesse H Jr
Bissonnet Mike
Parker Charles
*Goldman A M
*Gowin Ted
*Hayden Sandra
*Ludington Steve
*Mc Kelvin Terry
*Pidcock Boyd
*Rivert Scott
*Robinson F K
*Shuler Kenneth
*Stewart Richd
23f Vacant
French Jim
*Stewart Richd
*Van Ron
Dalton Ralph
Hages John
Danio Incorporated
1525 Diamond Shamrock Corner Store No
1530 Good Eat's Cafe
1530b Eats Cafe
KINNEY AV BEGINS
1500 Shadygrove Mobile Homes Park
1602 Trailer Park
A Vacant
1602b-1602c Vacant (2 Hses)
D Vacant
1603 Bicycle Sports Shop
1603b Bicycle Sports Shop (Addl Sp)
1608a-1608b Vacant (2 Hses)
1620 Great Outdoors
1622 Royal Pecan Mobile Home Park
A Vacant

B*Batterson Jas
C*McCowan Will
D*Wootton M G
E Horton Levi
F*McC Laurin Mereldith
G L No Return
H Lane David
N Vacant
P Brown Marvin E
Q No Return
R-S Vacant (2 Lots)
1824 Cajun Seafood Deli & Mkt seafood ret & whol
1824a Barton Springs Liquor Store
1825 Barton Springs Jewelry jewl retl
1826*Chupik
1828 Mobile Manor Inc r v park
A No Return (Lots A-R)
Baby Acapulco
1831 Barton Springs Canine Hotel canine boarding
*Arum Marsha
1707 Westwood Cleaners
TRAILER COURT
A-D Vacant (4 Lots)
E*Gunn Roy
F Moreland Marvin
G*Harrison Jason
H*Tate G L
L Vacant
1728 Chuy Restaurant
STERLING INTERSECTS
1800-1804b Vacant (2 Hses)
1806 Majestic Diner restr
BARTON BLVD BEGINS
ROBT E LEE RD INTERSECTS
1900 Vacant
end City of Austin Parks & Rec Dept
Swimming Pool parkn spgs
City of Austin Parks-Rec Dept zilker park

BARTON VIEW DR -FROM 4509 DUDMAR DR SOUTHWEST
ZIP CODE 78746
3200 Vacant
3201 Kyle Frances L
3202 Hundley Robt D
3203 Boldt Richard
3204*Jones Kathy
3205 Earnhart Richd C
3206 Fowler J
3207 Smith Austin P Jr
3208 Meneses Geo
3209*Le Jeune Donald
3210 Mc Donald Michl
3211*McGover Ward
3212 Holder Perry
3213 Smith Prentiss L
3214 Vacant
3215*Hager J C
3216 Muro Jose
3217*Williams Ronald
3218*Morgan Michl
3219 Garrett Danny

BARTON VILLAGE CIR -FROM DEAD END WEST TO WESTHILL DR
ZIP CODE 78704
2300 Barton Village Apartments
101-104 Vacant (4 Apts)
2301 Apartments
101-104 Vacant (4 Apts)
2302 Apartments
101 Vacant
102*Blanchard Michelle L
103*Sproul Regina
104*Cartwright Sandy
2303 Apartments
101-102 Vacant (2 Apts)
103*Bede Bill
104*Williams Patti G
2304 Apartments
101-104 Vacant (4 Apts)
2305 Apartments
101 White D L
102*Bonner Derwin B
103*Holiday S K
104*Brown Diane
2306 Apartments
101*Conway Constance C
102-104 Vacant (3 Apts)
2307 Apartments
101-103 Vacant (3 Apts)
104 Whratten Eric
2308 Apartments
101*Ramsey Ronald B
102*Cogdell Cindi K
103*Dehoyos Dona A
104 Vacant

HILL COUNTRY TRAVEL (512) 346-3211
Slickwood Plaza, 4501 Slickwood Springs Rd., Suite 1800
Austin, Texas 78759

MOBILE AUTO MECHANICS
Radio Dispatched Mobile Repairs & Service
We fix your car where you are
9518 Beck Circle, Used Car Buyer Checks
MCCOY, VISA, AMEX
471-9414

BARTON SPRINGS RD 1984

109

BARTON SPRINGS RD—Contd

1017 Seven-Eleven Food Store No 12674
474-1057

1025 No Return
DAWSON RD BEGINS

1110 Dougherty Art Center 477-5824
Department Of Parks & Recreation
(Cultural Arts) 477-8511

MP RR OVERPASS
1200 Jack-In-The Box No 8376 restr
472-6934

1207 Peter Pan Mini Golf 472-1033
1209 Mc Donald's Restaurant restr 442-0412
1210 Kentucky Fried Chicken 476-4821

LAMAR BLVD INTERSECTS
1301 Exxon Self Service 447-2781
JOSEPHINE INTERSECTS

1400 Pee Wee's Cafe 473-8675
1404 Vacant
1410 No Return

1418 Ballard's Drive In Grocery No 4 478-8201
JESSIE INTERSECTS

1500 Kate's restr
1500½ Towne Pump Lounge 478-4556
1501 Apartments

1 Vacant (apts 1-3)
102*Smith Carol G
103 Vacant (apts 103-05)
106*Thiele Wm J 482-9229
107*Parkin L John
108*Fitzgerald Sam Jr 474-1259
109*Roberts David
110 Vacant
201*Martin Wm A 474-4329
202 Vacant (apts 202-204)
205*Boyd Larry
206 Vacant
207*Selleck Margt A
208 Vacant (apts 208-210)
211*Hollis Tom
212 Vacant (apts 212-214)
215*Sherman Annette
216 Vacant
217*Nimr Patricia R
218 Vacant (apts 218-220)

1518 Pecan Grove Recreation Vehicle Park
472-1067
*Hill Florence
Ford Meredith 472-4455
Longheed Scott 474-1119

1525 Sigmor Shamrock Service Station No 239
gas sta 476-4958
1530 Eat's Cafe 476-8141

1530b Vacant
1531 Vacant
1532 No Return

KINNEY AV BEGINS
1600 Barton Springs Mobile Homes Park
476-6611

Lots
A Vacant
H No Return
I Vacant

J No Return
K Vacant
L Vacant
M Vacant
N Vacant
P Vacant
Q Vacant

1601 Vacant
1602 Trailer Park
Lots
A Kochan Mary K 477-5661
B Vacant

1603 Vacant
1603b No Return
1608a Barton Springs Barber Shop 476-1109
1608b Pride Beauty Salon The 477-5659

1620 Austin Plantscape 479-8886
1622 Royal Pecan Mobile Home Park
A*Gibson Robt 479-6020
B*Beasley Richd 474-5269
C*Satterwhite Robt E 472-2543
D Davidson Ruben 478-9131
E*Bortner Tobin 476-6120
F Woodbury Margt E 478-0648
G*Carmona Alfonso 472-5048
H*Dillahunt Emma
J Vacant
K Campbell
L Cook
M Rocha Jerry 474-1787
N*Hanley Jacque 478-5323
P Dickson

Q Fife
R Vacant
S*Stock Gregory G 477-4617
1624 Westwood Cleaners 478-2769
1624a Barton Springs Liquor Store 472-7001
1625 Aztec-Coins & Jewelry 480-8967
Capitol Area Youth Soccer 480-8967
1707 Krumm Motorcycle Sales Inc 472-6244
1718 Mobile Manor Inc 477-5164

29

Lots
A Vacant
B*Fye E R 477-3429
C Vacant
D Ross Edwin F 472-7661
E Castango
F*Marion Pamela 478-3306
G Mc Williams V Paul 476-1476
H Gannaway Gill
J Donovan John B 476-8880
K Morton Lawrence
L Ebersole
M Hitchcock W S 476-4771
N Mitchell Helen J 476-4164
O Vacant
P Mc Coy J H © 476-2958
Q Carruth F P 474-5045
R Robinson Ralph L

TRAILER COURT

1720 Lots
A*Horton Don 478-3225
B Scott Ann 478-6073
C Delashaw Roy 477-1359
D Wilder Floyd E 478-8384
E Thomas Robt N © 477-2264
F Vacant
G*Robinson
H Geist Robt A © 472-8597
J Vacant
K Vacant
L Timon H E 477-4226
M*Davis J
N Eastep
O Edmonds B L 472-5371
P Schroeder Larry F © 472-6229
Q Crowell

1728 Chuy's Restaurant 474-4452
1732 Vacant

STERZING INTERSECTS
1800 Cash & Carry Signs 472-6403
1804 Canion David K cpa 472-2254
1806 Vacant
1806b Vacant
1808 Stephens Jim & Associates coml ofc
474-6595

1810 Abacus Insurance Agency Inc 472-6202
BARTON BLVD BEGINS
ROBT E LEE RD INTERSECTS

1900 Wright Studio Stoneware Pottery
474-2200
Wright Robt L Jr 474-2200

End Barton Springs Pool (Zilker Park)
476-9044
Zilker Park 476-9044

**BARTON VIEW DR —FROM 4509
DUDMAR DR SOUTHWEST**

ZIP CODE 78746
3200*Hubbard Richd A
3201 Kyle Frances L 892-1695
3202 Hundley Robt D © 892-0871
3203*Boldt Cheryl
3204*Heinson Robt C
3205 Earnhart Richd C © 892-1662
3206 Fowler J 892-2773
3207 Smith Austin P Jr © 892-1592
3208*Meneses Geo
3209 Mattocks Jas R © 892-1514
3210 Mc Donald Michl © 892-1866
3211*Dangelo David L
3212*Campbell Paul E
3213 Smith Prentiss L © 892-0129
3214 Franklin Ralph L © 892-0923
3215*Thompson Michl A 892-3709
3216*Kocian E J 892-2475
3217*Hall Steve
3218*Tabbert Larry C
3219 Garrett Danny 892-1983

**BARTON VILLAGE CIR —FROM 2300
BARTON SKYWAY WEST TO A DEAD
END**

ZIP CODE 78704
2300 Barton Village Apartments

101*Dykman David
102*Whitaker Sandra L Mrs
103*Long Geo
104*Klepacki Geo
2301 Apartments
101*Atwood Kenneth L
102*De Gollado Barbara
103*Arnold Dave
104 Wood Anne J 448-1597

2302 Apartments
101 Cannon Patsy 441-8534
102*Dunn Mark R
104 Vincent Danny 447-6224

2303 Apartments
101 Harris T D 441-2558
102*Crawford Saml V
103*Mills Deborah
104 Kinsell Ron

2304 Apartments
101*Quillet Tammy
102*Wiseman Brad
103*Wingo Cindy
104*Whiteman Patricia Mrs

2305 Apartments
101 White
102*Bukstein Lee
103 Wagner James 447-7632
104 Vacant

2306 Apartments
101*Ortiz Jorge T
102 Vacant
103 Vacant
104*Saxe Marc W

2307 Apartments
101*Steege Michl
102 No Return
104*Zuhn Bobby K 441-8382

2308 Apartments
101 Bolton Les G 445-5717
102*Uecker Bryan D 447-7058
103*Briggs Deb
104 Cortez Frank A 441-9635

**BASFORD RD —FROM A DEAD END
NORTH 3 BLKS TO 1800 BLK E 38½**

ZIP CODE 78722
3500 Dube Herman C © 472-7196
3501*Hickson Larry
3502 Lagunas Jesse © 477-1045
3503 Lundgren Robert M 478-2831
3504 Luna Jesse A © 474-1963
3505 Franklin Wade O © 476-5252
3506 Vasquez Robt © 478-3246
3507 Critendon Howard M © 472-9418
3508 Marshall David 472-5748
3510 Hayden Richd © 477-2057
3700*Turner Wm W
3701 Soder August © 478-2326
3702 Foster James H © 476-3198
3703 Cooper Hazel J Mrs © 472-1018
3704 Johnson Oza © 474-4307
3705 Acosta Ignacio © 478-4924
3706 Brown Lee B © 472-8981
3707 Hill Frances 479-6976
3708 Johnson Ruby L Mrs © 474-7344
3709 Rehm Ethel L © 476-9679
3801 Garza Juan Jr © 474-7290
3803 Collins Aubrey L © 477-1453
3805 Hernandez Frank E © 472-6094
3807 Garza Alfonso G © 477-7620
E 38½ INTERSECTS

**BASSWOOD LA —FROM 5200
GLADSTONE DR EAST 1 BLK**

ZIP CODE 78723
5200 Olson Leslie M ©
5201*Riley Nelson
5202 Lockey Paul V © 928-3373
5203 Buck Don C 928-1515
5204 Browning Danny J © 926-2601
5205 Enriquez Antonio © 926-7848
5207 Henderson Donald © 928-2824
5209 Wilson Mickey J © 926-4435
GLADSTONE DR BEGINS
5211 Hernandez Lee C © 926-4540
5213 Williams James E © 926-8836
5214 Sartena Rudolf © 926-1163
5215 Hardin Thos © 928-3592
5217 Chacon Oscar L © 928-4311
5218*Mason Maurice ©
5219*Thomas Henry
5220 Lundell Dorothy M © 928-2140
5221 Bradley Mary Mrs © 928-3768

54

19

248

25

BARTON SPRINGS RD 1980

12518 Research Blvd. Tel. 258-6615
708 William Cannon Dr. Tel. 441-6615

REALTORS

11689 Research Blvd Tel. 345-8820
8311 Hwy. 71 West Tel. 288-2843

113

BARTON SPRINGS RD—Contd

- 15 Burk Carl
16 Faust Geo C 478-3021
17 Adcock
18 Berndt
19 Banduch Norman
20 Vacant
21 Hackett
22 White Robt C 472-0143
23 De Los Santos Roberto P 472-2620
24 Stovall Steen 474-5876
25 Warkentin
26 Vacant
27 Koonce
28*Urbanek Jerome
29*Holub Keith
1532 Lantz Ceramics Studio 477-3575
KINNEY AV BEGINS
1600 Barton Springs Mobile Homes Park
476-6611
Lots
A Jowers Melvin C 474-5940
C Armstrong Larry 474-4373
D Poletak Robt A
E Yingling James 478-2644
F No Return
G Vance Mike R 478-2189
H No Return
I Richards J Allen 472-2630
J Abbott Mary B Mrs 477-5431
K No Return
L Reed C J 472-4696
M Walker Michl R
N No Return
P Barrett James 478-1255
Q No Return
1601 Vacant
1602 Trailer Park
Lots
A Kochan Mary K 477-5592
B Meadows Vernie B @ 476-8750
C Forsythe Vicki
D*Clayton Sanna
E Upchurch Steve
F*Parker Harriett
G Cole Lloyd L
H Fint Melvin J 472-4372
J Toy Harold D 476-3599
K*Connell Joseph A 472-0644
L Vacant
M*Bell Jack
N Vacant
P Latchford Wayne 476-2788
Q London Douglas M @ 472-7058
R Ashlock Jesse 472-8560
S*Bell David
T Fox Jeff 472-5919
1603 Pride Beauty Salon 477-5659
1603b Barton Springs Dog Grooming 476-4122
1608a Barton Springs Barber Shop 476-1109
1608b Virginia's Beauty Shop 476-1029
1620 Driftwood Garden Greenhouses 476-5468
1622 Royal Pecan Mobile Home Park
A*Del Campo Martin
B Beasley J 472-9177
C Price
D Ison
E*Ingram Ed
F Smith Wm F 472-0953
G Satterwhite Robt E 472-2543
H No Return
J Behout
K No Return
L Bateman Pam
M Rocha Julio 474-1787
N Price Wm C 478-3137
P Vacant
Q Gable Michl R 474-7879
R Watson
S Vacant
1624 Westwood Cleaners
1624a Barton Springs Liquor 472-7001
1625 Fast Eddie's Complete Redken Salon
476-9508
1707 Krumm Motorcycle Sales Inc 472-6244
1718 Mobile Manor Park & Trailer Sales
477-5164
Lots

- C Hewitt Lee J @ 472-1072
D Ross Edwin F 472-7661
E*Gannaway Gill
F*Berr John
G*Mc Williams U P
H*Butler A W 476-8452
J Donovan John B 478-2037
K*Morton Lawrence
L Mize Helen M Mrs @ 478-4483
M*Hitchcock W S
N Mitchell Helen J 476-4165
O Overby Cecil B 476-5133
P Mc Coy J H @ 476-2958
Q Carruth F P 474-5045
R Robinson Ralph L 472-4466
TRAILER COURT
1720 Lots
A Turner Cliff 477-3399
B Schultz
C Delashaw Roy 477-1359
D Wilder Floyd E
E Thomas Robt N @ 477-2264
F Moreland Patrick D Mrs 476-7516
H Geist Robt A @ 472-8597
J White A J @ 476-2596
K*Vanderberg R L
L Timon H E 777-4226
M*Maner Paul 477-9986
N Bode Bill 472-5058
O*Edmonds B
P Shelton Clifton L @ 474-4549
Q*Nance Walker P @ 478-8344
1728 Shady Grove Barbecue 477-0277
1732 Frank N Larrys Garage & Welding
478-7008
STERZING INTERSECTS
1800 Cash & Carry Sign Co 472-6403
1804 Vacant
1806 Colorado River Cutters barber shop
472-9718
1808 Stephens Jim Commercial Investment
474-6877
1810 Moreland Ralph Inc (Holiday Hse
Commissary) 474-7295
Stephens Jim & Associates real est
474-6595
BARTON BLVD BEGINS
ROBT E LEE RD INTERSECTS
1900 Wright Studio pottery 474-2200
Wright Robt L Jr 474-2200
end Barton Springs Bathing Pool 476-9044
Zilker Park 476-9044
BARTON VIEW DR —FROM 4509
DUDMAR DR SOUTHWEST
ZIP CODE 78746
3200 Vacant
3201 No Return
3202 Hundley Robt D @ 892-0871
3203 Vacant
3204 No Return
3205 Earnhart Richd C @ 892-1662
3206*Fowler J 892-2773
3207 Smith Austin P Jr @ 892-1592
3208 No Return
3209 Mahocks James R
3210 Mc Donald D Mike @ 892-1866
3211 No Return
3212 Morgan Darrell @
3213 Smith Prentiss L @ 892-0129
3214 Franklin Ralph L @ 892-0923
3215 Spreckels W M @ 892-2633
3216 Vacant
3219 No Return
BARTON VILLAGE CIR —FROM 2300
BARTON SKYWAY WEST TO A DEAD
END
ZIP CODE 78704
2300 Barton Village Apartments
101 No Return (apts 101-103)
104 Moreno Guadalupe
2301 Apartments
101 No Return

- 102 Martinez George X 443-6023
103*Tift Mary Jo 442-7175
104 No Return
2302 Apartments
101 Cannon Patsy
104*Oelschiegel Don
2303 Apartments
101*Hernandez Bob 443-3175
102 Friar Val L 447-4746
103 No Return
104*Taylor Charles
2304 Apartments
101 No Return
102 Hathcock Russell P 444-3357
103*Stegall Greg 443-5074
104 No Return
2305 Apartments
101 No Return
102 Green Terry 444-8651
103*Wagner James 447-7632
104*Manning Martin E 442-1693
2306 Apartments
101 No Return (apts 101-104)
2307 Apartments
101 No Return
102 No Return
104*Howe Harry 444-2282
2308 Apartments
101 No Return (apts 101-104)
BASFORD RD —FROM A DEAD END
NORTH 3 BLKS TO 1800 BLK E 38 1/2
ZIP CODE 78722
3500 Dube Herman C @ 472-7196
3501 Kindred Barbara Mrs 477-1791
3502 Lagunas Jesse @ 477-1045
3503 Lundgren Robt M 478-2831
3504 Luna Jesse @ 474-1963
3505 Franklin Wade O @ 476-5252
3506 Vasquez Robt @ 478-3246
3507 Critendon Howard M @ 472-9418
3508 Dowds Kathy
3510 Hayden Richd @ 477-2057
3700 Childs C 474-7057
3701 Soder August P @ 478-2326
3702 Foster James H @ 476-3198
3703 Cooper Hazel J Mrs @ 472-1018
3704 Johnson Oza @ 474-4307
3705*Acosta Ignacio @ 478-3854
3706 Brown Lee B @ 472-8981
3707 No Return
3708 No Return
3709 Rehm Ethel L @ 476-9679
3801*Garza Juan Jr @ 474-7290
3803 Collins Aubrey L @ 477-1453
3805 Hernandez Frank E @ 472-6094
3807 Garza Alfonso @ 477-5620
E 38 1/2 INTERSECTS
BASSWOOD LA —FROM 5200
GLADSTONE DR EAST 1 BLK
ZIP CODE 78723
5200*Olson Leslie M @ 928-2786
5201 Vacant
5202 No Return
5203 Vacant
5204 Browning Danny @ 926-2601
5205*Enriquez Antonio @ 926-7848
5207 Henderson Donald @ 928-2824
5209 Wilson Mickey J @ 926-4435
GLADSTONE DR BEGINS
5211 Hernandez Lee C @ 926-4540
5213 Williams James E @ 926-8836
5214 Sartena Rudolf @ 926-1163
5215 Hardin Thos @ 926-3592
5217 Cueller Guadalupe @
5218 Mc Vade C M @
5219 Gosnell Thomas @ 926-5065
5220*Lundell David 928-2140
5221 Bradley Mary Mrs @ 928-3768
5223 Vacant
5225 No Return
BUCHWOOD DR BEGINS
5226 Carrier Jan 926-1438

76-6559
nds
Inc
214
476-9964
172-4886
329
177-1022
239
28
str
8201
3
40

BURNET RD.
453-7345
THE GOOD LIFE IN TEXAS
P.O. Box 1967, Austin, Tex. 78767

CAPITOL IMPLEMENT CO. INC.
Logo featuring a deer and the text 'ESTABLISHED 1911'.

BARTON SPRINGS RD 1975

NEED AN OFFICE FOR AN HOUR?

AREA OFFICES

1105 GUADALUPE ST., AUSTIN, TEXAS 78701

TEL. 476-6462

123

BARTON SPRINGS RD—Contd

J Abbott Mary B Mrs 477-5431
 K Ledbetter Robt L
 L Jackson Audrey Mrs
 M Vacant
 N Glass Wallace
 P Vacant
 Q Garner Neil
 R Ingle Lois 478-5466
 1601 Exotica pets 452-9413
 1602 Trailer Park
 Lots
 A Gage Wm
 C Christ Raymond
 D Vacant
 E Spacek Jay 476-4380
 F Satterwhite Robt E 474-5189
 G Cole Lloyd L
 H Fint Melvin J 472-4372
 J★Toy Harold
 K Johnston Irene Mrs 478-8823
 L Connell Joseph A 472-0644
 M Schooler Leonard 477-3352
 N Devers Wm W
 P Vacant
 Q Watts Ruby D Mrs 478-8109
 R Ingle Charles M 477-5349
 S★Elliott Craig
 T Condit Steve 477-8002
 U Meadows Bernie B Mrs 476-8750
 1603 Pride Beauty Salon 477-5659
 1603b Shoemaker Steve 476-4122
 1608a Barton Springs Barber Shop 476-1029
 1608b Virginia's Beauty Shop 476-1029
 1620 Driftwood Garden Greenhouses
 476-5468
 1622 Royal Pecan Mobile Home Park
 B Beasley J 472-9177
 C Ferguson Don P 476-3096
 D Slimp Chester III 472-9552
 F Jette Frances
 G Davis Eddie 476-5174
 H Vacant
 J Vacant
 K Vacant
 L Overholt C R 477-7038
 N Vacant
 P Vacant
 R Lserma John
 1624 Branum Cleaners 478-2769
 1624a Hileman's Liquor Store 472-0485
 1625 Hobbyland 778-0486
 1631 Krumm Adrian © 472-6169
 1707 Krumm Motorcycle Sales Inc 472-6244
 1718 Mobile Manor Park & Trailer Sales
 477-5164
 Lots
 C Hewitt L J © 472-1072
 D Ross Eddie F 472-7661
 E Stuart Ralph A II © 476-8891
 F★Otte Thos C © 474-4714
 G Taylor Joan ©
 H Pope Jessie C 472-6445
 J Donovan John B 478-2037
 K★King Ward
 L Mize Helen M Mrs © 478-4483
 M★Schweda John C © 476-8760
 N★Mitchell H J
 O Overby Cecil B 476-5133
 P Mc Coy J H © 476-2958
 Q Ratcliff James © 474-2285
 R Robinson Ralph L
 1720 Lots
 B Scales James H Jr © 472-2737
 C Vacant
 D★Meeks F
 E Thomas Robt N © 477-2264

F Vacant
 H Geist Robt A © 472-8597
 J White A J © 476-2596
 K Pierce Wallace M © 474-4679
 L Timon H E 777-4226
 M★Weigman Roy
 N Dillon David 472-2904
 O Vacant
 P Bode Bill 472-5058
 Q★Smith L R
 1728 Shady Grove Barbecue 477-0277
 1732½ Vacant
 STERZING INTERSECTS
 1800 Cash & Carry Signs 472-6403
 1804 Gross Wm H Chemical Co (WHOL)
 477-7878
 Rear Gross Wm H Chemical (Whse)
 477-7878
 1808 Caliente Chili Inc 472-6996
 BARTON BLVD BEGINS
 ROBT E LEE RD INTERSECTS
 1900 Wright Bob Pottery Studio 474-2200
 Wright Robt L Jr
 end Barton Springs Bathing Pool 476-9044
 Zilker Park 476-9044

BARTON VIEW DR —FROM 4509
DUDMAR DR SOUTHWEST

ZIP CODE 78746
 3200 Vacant
 3201 Rivard James T © 892-1129
 3202 Hundley Robt D © 892-0871
 3203 Vacant
 3204★Nace David L 892-1634
 3205 Bramblett Charley P © 892-0143
 3206 Lanterman Will A 892-0569
 3207 Vacant
 3208 Dixon Bryan M © 892-0191
 3209★Miguel Arredondo V ©
 3210 Felps Kenneth R © 892-0996
 3211★Ischy Lynette 892-1953
 3212 Hooks Robt L © 892-2132
 3213 Smith Prentiss L ©
 3214 Vacant
 3215★Foree Jerry D © 892-1938
 3216 Vacant
 3217★Henry Jack E © 892-1479
 3218 Barfield S E ©
 3219 Vacant

BARTON VILLAGE CIR —FROM 2300
BARTON SKYWAY WEST TO A
DEAD END

ZIP CODE 78704
 2300 Apartments
 101★Major M
 102 Pinkston
 103 Vacant
 104 Hinojosa Maria
 2301 Apartments
 101★Franklin M
 102★Steele P L
 103 Wilhite David H 442-0339
 104★Karlik Jean
 2302 Apartments
 101★Hultman S
 102 Vacant
 103★Beard B
 104★Gray Howard
 2303 Apartments
 101★Sims Allen D
 102 Bunnell
 103★Meurer Rob 442-9774

104★Rivera David
 2304 Apartments
 101★Collins Donna
 102★Hathcock Russell
 103★Buck Linda
 104★Collins Ric
 2305 Apartments
 101 Duffy Brian J 441-0618
 102 Vacant
 103★Lindsey Frances
 104★Cherry Betty Mrs
 2306 Apartments
 101★Usener Gerald
 102 Meyers Gerald
 103★Boggan Alice
 104★Beamens Charles
 2307 Apartments
 101 Seidenberger Dennis P 442-3866
 102★Tracy Louise
 103★Alexander Glynn
 104★Johnson Troy
 2308 Apartments
 101★Soul Mark
 102★Knox John
 103 King Dora J 441-1686
 104★Tafolla Christina

BASFORD RD —FROM A DEAD END
NORTH 3 BLKS TO 1800 BLK E 38½

ZIP CODE 78722
 3500 Duke Herman C 472-7196
 3501 Vacant
 3502 Lagunas Jesse © 477-1045
 3503 Lundgren Robt M 478-2831
 3504 Luna Jesse A 472-4589
 3505 Franklin Wade O © 476-5252
 3506 Vasquez Robt ©
 3507 Crittendon Howard M © 472-9418
 3508 Lehmann Lynn P © 476-0293
 3510 Hayden Allen N 477-2057
 3700 Browning John P © 478-5247
 3701 Soder August P © 478-2326
 3702 Foster James H ©
 3703 Cooper Sam M Jr © 472-1018
 3704 Johnson Oza © 474-4307
 3705 Acosta Ignacio ©
 3706 Brown Lee B © 472-8981
 3707 Hill Maintenance & Cleaning 476-0055
 Hill Eddie ©
 3708 Andrews L V
 3709 Rehm Ethel L © 476-9679
 3710 Vacant
 3801 Smith Leta R Mrs © 478-6173
 3803 Collins Aubrey L 477-1453
 3805 Hernandez Frank E 472-6094
 3807 Garza Alfonso ©
 E 38½ INTERSECTS

BASIN LEDGE (WEST LAKE HILLS)
FROM 800 TERRACE MOUNTAIN DR
NORTH IN A CIRCLE

ZIP CODE 78746
 1800 Whitfield Pinckney 327-0083
 1801 Sievert Wm © 327-0311
 1802 Parker Alex A © 327-2246
 1803 Jones Brock Jr © 327-2011
 1805 Lacey Howard E © 327-1834
 1807★Cune Paul
 1809 Vacant
 1813 Watts James G © 327-1695

8419 N. Lamar Blvd.

24 HOUR WRECKER SERVICE

Mobile Phone 476-6707 - Tel. 837-1192

2202 S. LAMAR BLVD.

FREE ESTIMATES — NO OBLIGATION
EMERGENCY PATCHING — NEW ROOFS

TEL. 441-6028

GRAY & COMPANY REAL ESTATE

1212 BRAKER LA.

TEL. 836-2844

BARTON SPRINGS RD 1970

115

BARTON SPRINGS RD—Contd

418 Capital City Mobile Homes 477-5905
 501 Diamond Laboratories Sales Corp (Br) vet sup 476-6585
 509 Columbia Scientific Industries Corp (shop) 472-5655
 525 Skating Palace 478-0107
 531 US Social Sec Admn 475-5771
 S 1ST INTERSECTS
 601 Auditorium Motors used cars 476-3112
 Classic Motors used cars
 603 Sandy's Frozen Custard 478-6322
 603½ Collins June © 477-3367
 605 Mc Phail's Florists 476-9964
 605a Mc Phail Rosa Mrs ©
 703 Vacant
 705 Neff Electric appliances 478-4477
 707 Mitchell Adding Machine Co 472-4886
 709 National Western Life Ins Co
 721 State Farm Insuran 476-6773
 Black Marion F ins 476-6773
 801 Capitol Laundry & Dry Cleaning Co main plant 478-3443
 809 Vernon's Upholstery Co 477-8244
 821 A To Z Rental Center 477-9929
 825 Vacant
 827 Gregory & Son Distributing Co vending mach 472-7462
 829 Frontier Drive In restr 477-0318
 BOULDIN AV INTERSECTS
 903 Stelfox Body Works auto repr 478-2543
 907 Timber's Lounge 477-0240
 921 Tax Data Service 474-1571
 Farmers Insurance Group 472-0114
 Wenzel Emil-Farmers Insurance Group 472-0561
 923 Watkins J R Products extracts 478-7751
 1003 Holiday House No 1 restr 477-1140
 1017 Seven-Eleven Food Stores No 2 gro 477-0211
 1025 Martin's Hillside Inn restr 477-0204
 1026 Disch Field ballpark
 DAWSON RD BEGINS
 1110 U S M C Training Center 478-3141
 U S N Reserve Training Center 476-2601

1530 Myler Marine boats 476-3115
 1531 Vacant
 KINNEY AV BEGINS
 1600 Barton Springs Mobile Homes Park 478-5466
 Carroll Dorothy © 478-5466
 Chiles Willis A 478-0686
 1601 Vacant
 1602a Dooley Bill E C II 472-4132
 1603 Pride Beauty Salon 477-5659
 1603b Vacant
 1608a Barton Springs Barber Shop
 1608b Stringer Virginia E Mrs beauty shop 476-1029
 1620 Driftwood Garden Shop florist 476-5468
 1622 Barton Springs Mobile Homes Park Annex 478-5466
 1624 Vacant (5 Nos 1624-1628)
 1625 Vacant
 1631 Krumm Adrian © 472-6169
 1707 Krumm Motorcycle Sales 472-0078
 1720 Mobile Manor Park & Trailer Sales 477-5164
 Stuart Ralph A II 476-8891
 1728 Shady Grove Barbecue 477-0277
 1732 Vacant
 STERZING INTERSECTS
 1800 Cash & Carry Signs 472-6403
 1804 Culiante Chili Inc
 1806 Gross Wm H Chemical Co whol 477-7878
 Rear Gross Wm H Chemical Co whse 477-7878
 1810 Methods In Media publ of educ material 477-9431
 BARTON BLVD BEGINS
 ROBT E LEE RD INTERSECTS
 1900 Kreitner's Garden & Landscaping Serv 477-4847
 end Barton Springs Bathing Pool 476-9044
 Zilker Park 476-9044

101 Ray Neva H Mrs 444-5891
 102 Jones T
 103 Donovan Jean C Mrs 444-1941
 104 Cartlidge Ronald 444-1407
 2301 Apartments
 101 Peppiatt Wm 441-1139
 102 Pederson E J 444-8635
 103 Wilhite David 442-0339
 104 Roper Michael 442-2160
 2302 Apartments
 101 Hankamer Ronald 442-7664
 102 Vacant
 103 Vacant
 104 Odom Richd
 2303 Apartments
 101 Metzler M R
 102 Morris T G
 103 Wallis Ann A 442-5606
 104 Fuchs Carroll G 444-1150
 2304 Apartments
 101 Kirby Meta 442-4887
 102 Vacant
 103 Grant Larry 444-3464
 104 No Return
 2305 Apartments
 101 Hammond Patricia
 102 Hughes John 444-4244
 103 Adams Brent
 104 Osborne Faye Mrs
 2306 Apartments
 101 Van Odom Jimmy 444-6851
 102 Ellis Alan
 103 Turpin Robert 444-7706
 104 Chapman Jimmy C 444-0373
 2307 Apartments
 101 Bell John H 442-9591
 102 Bertero Robt J
 103 Arnold Jan 442-8015
 104 Willey Jim 444-8854
 2308 Apartments
 101 Perryman Tom 444-7023
 102 Vacant
 103 Vacant
 104 Shrank N L 444-2117

BARTON VIEW DR —FROM 4500 DUDMAR DR SOUTHWEST TO STEARNS LA

ZIP CODE 78746
 3200 Hebert E J © 892-0590
 3201 Rivard James T © 892-1129
 3202 Hundley Robt D © 892-0871
 3203 Lewis Lloyd R © 892-0429
 3204 Bucher Ronald F © 892-0485
 3205 Bramblett Charley P © 892-0143
 3206 Love Robt T ©
 3207 Rech Francis A © 892-0832
 3208 Dixon Bryan M © 892-0191
 3209 Hand Dale H © 892-0863
 3210 Hopkins James L © 892-0303
 3211 Bell William T © 892-0162
 3212 Hennessy Elaine 892-1152
 3213 Smith Prentiss L © 892-0305
 3214 Saunders John 892-0575
 3215 Whitner Cletus I 892-0737
 3216 Dailey Charles E 892-0565
 3217 Rosipal Paul P © 892-0464
 3218 Barfield Hester E © 892-0495
 3219 Tipton Larry © 892-0771

BARTON VILLAGE CIR —FROM 2300 BARTON SKYWAY WEST TO A DEAD END

ZIP CODE 78704
 2300 Apartments

BASFORD RD —FROM A DEAD END NORTH 3 BLKS TO 1800 BLK E 38½

ZIP CODE 78722
 3500 Forehand Cecil
 3501 Loveland Gerald A
 3502 Pardue H Ray © 472-9045
 3503 Lundgren Robt M 478-2831
 3504 Roberts Ross B © 477-7881
 3505 Franklin Wade O © 476-5252
 3506 Vasquez Robt © 478-3246
 3507 Crittendon Howard M © 472-9418
 3508 Lehmann Lynn P © 476-0293
 3510 Ischy Phillip ©
 3700 Browning John P © 478-5247
 3701 Soder August P ©
 3702 Foster James H © 476-4078
 3703 Cooper Sam M Jr © 472-1018
 3704 Vacant
 3705 Crider Elissa L Mrs 472-3903
 3706 Brown Lee B © 472-8981
 3707 Hill Eddie ©
 3708 Carter James R
 3709 Rehm Ethel L © 476-9679
 3710 Delwood Church Of Christ 477-4772
 3801 Smith S Lorain © 478-6173
 3803 Collins Aubrey L
 3805 Fry Johnnie W 478-3705
 3807 Vacant
 E 38½ INTERSECTS

MACHINERY 710 INDUSTRIAL BLVD. P.O. BOX 3211 AUSTIN, TEXAS 78745 PHONE 442-2385

711 W. ST. JOHNS AV.

1511 403-20530

P. O. 80

BATTERSON & JONES CO.

BARTON SPRINGS RD 1965

Drink



The Friendly
FRESH UP
DRINK
PHONE
GR 8-3477

STEWART TITLE GUARANTY CO.

TITLE INSURANCE - ABSTRACTS

Tel. GREENWOOD 2-9231

Lavaca

City National Bank

of Austin
YOUR BANK OF THE HOUR

Congress at 9th

Member FDIC

GR 6-6631

134

BARTON SPRINGS RD--CONTD
 418 DEEP EDDY RUG CLEANERS
 GR7-7879
 501 DIAMOND LABORATORIES SALES
 CORP (BR) VET SUP
 GR6-6585
 509 VACANT
 510 EL RANCHO RESTAURANT NO 2
 GR2-7143
 525 SKATING PALACE GR8-0107
 REAR GOVT OFCS DEPT OF DEF
 DEPT ARMY HQ 90TH INF
 DIV GR6-2831
 531 GOVT OFC DEPT OF HEALTH
 EDUC & WEL SOCIAL SEC
 ADMN GR7-6777
 ---S 1ST INTERSECTS
 601 AUDITORIUM MOTORS USED
 CARS
 LONGHORN LOUNGE RESTR
 GR2-7160
 603 SANDY'S FROZEN CUSTARD
 GR8-6322
 603½ TETER GLENN H •
 605 MC PHAIL'S FLORISTS
 GR6-9964
 605A VACANT
 605½ APARTMENTS
 1 JOSEPH HAROLD
 2 MEREDITH DUANE L
 GR6-4136
 3 VACANT
 703 VACANT
 705 VACANT
 NEFF ELECTRICAL CONTR
 GR8-4477
 707 MITCHELL ADDING MACHINES
 GR2-4886
 709 SLUMBERLAND MATTRESS MFR
 GR6-4863
 721 STATE FARM INSURANCE
 GR6-6773
 801 CAPITOL LAUNDRY & DRY
 CLEANING CO GR8-3443
 809 SPILLER BUTANE GR7-9433
 821 DAIRYLAND COUNTY MUTUAL
 INS CO OF TEXAS (BR)
 GR2-4151
 825 FEDERAL LAND BANK
 ASSOCIATION OF SAN MARCUS
 AGR L LOANS GR6-8732
 AUSTIN PRODUCTION CREDIT
 ASSOCIATION AGR L LOANS
 GR6-9732
 827 GOVT OFC DEPT OF AGR L
 STABILIZATION &
 CONSERVATION GR2-1252
 829 FRONTIER DRIVE INN & CAFE
 GR7-0550
 ---BOULDIN AV INTERSECTS
 901 VACANT
 903 STELFOX BODY WORKS AUTO
 REPR GR8-2543
 907 TIMBERS GARDEN RESTR
 921 AUSTIN BUSINESS SERVICES
 BKPG GR6-9613
 923 WATKINS J R PRODUCTS
 EXTRACTS GR8-7751
 ---WOODLAND AV BEGINS (NOT
 ---OPEN)
 ---DAWSON RD BEGINS
 1003 HOLIDAY HOUSE NO 1 RESTR
 GR7-1140
 1017 SEVEN-ELEVEN DAIRY STORES
 NO 2 GRO GR7-0211

1025 BIER STUBE STEAK HOUSE
 GR7-0315
 1026 DISCH FIELD BALLPARK
 ---W BOULDIN CREEK INTERSECTS
 ---BRIDGE ST INTERSECTS
 1110 GOVT OFCS DEPT OF DEF
 MARINE CORPS TRAINING
 CENTER GR8-2275
 GOVT OFCS DEPT OF DEF
 DEPT OF NAVY RES TRAIN
 CEN GR6-2601
 29
 ---MP RR OVERPASS CROSSES
 1207 VARSITY MINIATURE GOLF
 LINKS
 1209 MAC'S PACKAGE STORE
 GR2-0331
 1210 VACANT
 1215 MEREDITH GULF SERVICE
 GR7-0636
 ---S LAMA BLVD INTERSECTS
 1301 ROSE JOHN L & SONS
 SINCLAIR SERVICE STATION
 GR7-0411
 ---JOSEPHINE INTERSECTS
 1400 JACOBS JERRY PIT BARBECUE
 SYSTEM RESTR GR8-0325
 1410 ANDERSON DYE WORKS
 GR7-2712
 1418 BALLARD'S DRIVE IN
 GROCERY NO 4 GR8-8201
 ---JESSIE INTERSECTS
 REAR FORD DAVID L
 1500A MORENO JUAN
 1500B BIRKNER CHARLES
 1500C CONRAD ROBT G GR6-5732
 1500D VACANT
 1502 VACANT
 1518 PECAN GROVE MOBIL HOME
 PARK GR7-0116
 1522 AUSTIN TRAILER MART
 GR2-1067
 1530 FATH CONRAD F BOATS &
 MOTRS GR6-3115
 1531 BATTER UP OF AUSTIN
 AMUSEMENT PLACE GR8-8823
 JOHNSTON HAROLD S
 GR8-8823
 1532 BARTON SPRINGS MOBIL
 HOMES SALES GR8-5466
 ---KINNEY AV BEGINS
 1600 BARTON SPRINGS MOBILE
 HOMES PARK GR8-5466
 MEADOWS LEONARD P
 GR8-5466
 REAR CHILES WILLIS A GR8-0686
 1601 VACANT
 1603 IDA'S BEAUTY SHOP
 GR7-5659
 1603B VACANT
 1605 VACANT
 1608A BARTON SPRINGS BARBER
 SHOP
 1608B STRINGER VIRGINIA E MRS
 BEAUTY SHOP GR6-1029
 1620 DRIFTWOOD GARDEN SHOP
 FLORIST GR6-5468
 1622 BARTON SPRINGS MOBILE
 HOMES PARK ANNEX
 GR8-5466
 1624 VACANT
 1625 LILLIAN'S OF TEXAS CURIOS
 1626 CAPITAL PAVING CO
 GR8-5855
 1627 CRIDDER AIF • GR7-1546

1628 VACANT
 1631 KRUMM ADRIAN • GR2-6169
 1707 KRUMM MOTORCYCLE SALES
 GR2-0078
 1720 VACANT.
 1726 VAN ECKEN GEO L
 1728 SHADY GROVE BARBECUE
 GR7-0277
 1732 VACANT
 ---STERZING INTERSECTS
 1800 CASH SIGNS GR2-6403
 1804 DEPENDABLE MOTORS
 1806 GROSS WM H CHEMICAL CO
 WHOL GR7-7878
 REAR VACANT
 1810 VACANT
 ---BARTON BLVD BEGINS
 ---ROBT E LEE RD INTERSECTS
 1916 ZENKNER F W CYCLE SHOP
 GR2-5009
 ZENKNER FRED W
 1916C MOORE ROGER
 2200 REDINGER MARION GR2-4914
 END BARTON SPRINGS BATHING
 POOL GR6-9044
 CITY OFCS BARTON SPRINGS
 BATHING POOL GR6-9044
 ZILKER PARK GR6-9044
 CITY OFCS ZILKER PARK
 GR6-9044

19
 BARTON VIEW DR -FROM 4500
 DUDMAR DR SOUTHWEST TO
 STEARNS LA
 3201 SITES W O • HI2-1129
 3202 HUNDLEY ROBT D • HI2-8071
 3203 VACANT.
 3204 VACANT.
 3205 SHUGART THOS L • HI4-3047
 3206 VACANT.
 3208 HUFFMAN DONALD R •
 HI2-7233
 3209 VACANT.
 3210 COOPER DARRELL G •
 3211 MOHRLOK HAROLD H •
 HI2-5962
 3212 VACANT.
 3213 VACANT.
 3214 GARRETT DAVID R •
 3215 TEAGUE JOE F • HI2-6331
 3217 VACANT.
 3218 BARFIELD HESTER E •
 3219 PREWETT RAY L • HI2-7388

54
 BASFORD RD -FROM A DEAD END
 NORTH 3 BLKS TO 2000 BLK E
 38½
 3500 CATCHINGS CECIL GR2-5355
 3501 SORENSEN KAI H GR8-5925
 3502 PARDUE H RAY • GR2-9045
 3503 JONES OBIE L • GR8-2964
 3504 OUCARIK JAMES GR6-1381
 3505 FRANKLIN WADE • GR6-5252
 3506 VACANT
 3507 CRITTENDON HOWARD M •
 GR2-9418
 3508 LEHMANN LYNN P • GR6-0293
 3510 WINFRED DAVID • GR6-5760
 3700 BROWNING JOHN P •
 GR8-5247



BARTON SPRINGS RD 1962

116

BARTON SPRINGS RD
 (South Austin)—Contd
 1806-08ΔGross Wm H
 Chem Co
 rearΔAlvarado Jesse S
 1810ΔMoreland Ralph Inc
 restr equip
Robert E Lee rd intersects
Barton blvd begins
 1916ΔZenkner F W Cycle
 Shop
 ΔZeckner Fred W
 1916c Moore Roger
 2201ΔRedinger Marion
 2201cΔZillaponds Ben G
 end **Zilker Park**
 ΔBarton Springs
 Bathing Pool

54

BASFORD ROAD—From
a dead end north 3
blks to 2000 blk E 38½
 3500ΔHogue Kenneth C ⊙
 3501ΔHarvill Frances
 Mrs ⊙
 3502ΔPardue Hubert R ⊙
 3503ΔJones Obie L ⊙
 3504 Vacant
 3505ΔFranklin Wade ⊙
 3506ΔNeubauer Benj B
 ⊙
 3507 Critterdon Howard
 M ⊙
 3508ΔLehmann Lynn P
 ⊙
 3510ΔSeals Clifford L ⊙
 3700ΔBrowning John P
 ⊙
 3701ΔSoder Aug P ⊙
 3702ΔAllen Danl C ⊙
 3703 Vacant
 3704ΔFulcher Richd A
 3705ΔJohnson Wm
 3706ΔMiller John E ⊙
 contr
 3707ΔLane Roland E ⊙
 3708ΔPickens Dewey
 M ⊙
 3709ΔRehm Ethel L ⊙
 3709ΔMelden Frankie
 R
 3710 Delwood Church
 of Christ
 3801ΔSmith S Lorain ⊙
 3803ΔParnell Emogene
 ⊙
 3805ΔFonck Leon H jr
 3807ΔLeatherwood Robt
 G
E 38½ intersects

114

BASTROP HIGHWAY—
From Colorado River
at Montopolis Bridge
southeast beyond city
limits
 101 Vacant
 102 Kennedy Edw W
 rear Bihm Israel
 104ΔSchmitt Prtg Co
 108ΔMontopolis Drug
 & Variety Store
 115 Vacant
Bonnett begins
 200ΔTownley D R Gar
 auto repr

210 Vacant
 214ΔKillgore & Capps
 Texaco Serv Sta
 218ΔKillgore B S ⊙
 219 Vacant
 222 Knight Arvis W
 234ΔTexas Truck Parts
 Co
 240ΔSchaffer Melvin
 rear Manhan Millard
 255ΔMontopolis Sup
 Co wire prod
 ΔWillhoite Paul J ⊙
 262ΔMontopolis Wldg
 Serv
 264ΔMcGill Geo S jr
 Rev ⊙
 266ΔBarron's Cabt
 Shop
 ΔCal's Flying M Bar-
 B-Q
 ΔAdorn Beauty Salon
 ΔBarron Wm E ⊙
 266a Strong's Barber
 Shop
 275ΔFox Motel
 ΔFox J Clyde ⊙
 308ΔBillups Petroleum
 Co gas sta
 ΔCondrey Roy A
 rear Ward James L
Vargas rd begins
 400ΔRegiene Sinclair
 Serv Sta
 404 George's Cafe
 406ΔNauert Veterinary
 Hosp
 408 Old Oak Fruit
 Stand
 Hernandez Joachim
 415ΔRoberson-Oliver
 Co farm machy
 422ΔPearson's Gro &
 Serv Sta
 ΔPearson Joe C ⊙
 500ΔHicks Trailer
 Park
 ΔHicks Wm N ⊙
 ΔAustin Boarding
 Kennels
 501ΔCapitol Feed &
 Milling Co Inc
 ΔCapitol Livestock
 Auction Co
 503 Goodson's Cafe
 512ΔMobil Homes Trailer
 Park
 ΔRogers M C
 ⊙
 760ΔState Hwy Dept
 (Mtce Whse &
 Eng's Ofc)
 810ΔPierce T Walter

27

HAUSEY AV INTERSECTS
BAUERLE AV (South
Austin)—From 1900
Kinney av west to Good-
rich av
 1602ΔRoe Alice H Mrs ⊙
 1603 Vacant
 1604 Sallee David
 1605 Vacant
 1606 Ricks Wm R
 1607ΔBurk Rudolph ⊙
 1608 Vacant
 1609ΔStephenson R H

1610 Vacant
 1611ΔLoyd Sloan E ⊙
 1612ΔSconci Patk E ⊙
 1613ΔVonRoeder Nolan
 M ⊙
Garner av intersects
 1700ΔStryk Geo J ⊙
 1701ΔPenso Felix J ⊙
 1702aΔHayes Wm L
 1702b Vacant
 1702c Mentzer Archibald
 M
 1703 Danz Jay R ⊙
 1704ΔForester Russell
 E ⊙
 1705ΔWaits Rayborn A ⊙
 1706 Flowers Chas W
 1707ΔPowell Vincent ⊙
 1708ΔCarl James T
 1709ΔEggeling Willie W
 1710 Vacant
 1711 Mosley James R ⊙
 1711½ Harrison Maude L
 Mrs
 1712ΔMartin Norah F Mrs
 ⊙ alterations
 1713ΔHendrickson Jack
 M ⊙
Goodrich av intersects

135

BAYLOR—From 1100
W 3d north to Parkway
 300ΔTips Iron & Steel
 Co
 305 Austin Baking Co
 (whse)
Rose begins
 404ΔGleam Chem Prods
 Inc mfrs
 407 Riffe Jas F ⊙
 410ΔHargis-Austin Inc
 electronic
 equip
W 5th intersects
500 Apartments
 1ΔClyburn Ida
 Mrs
 2 Singleton Tressie
 Mrs
 3 Allen Bill
 4 Martin John B
 5 Leazer Alf F
 6ΔTimberlake L L
 7 Maynor Frank
 502ΔAtkison Joe A ⊙
 506ΔBustin Ed E ⊙
 contr
 508ΔWilder Max B ⊙
 510ΔMorley C Lucile
 ⊙

123

W 6th intersects
 602ΔJensen Ralph
 603aΔCast Laura W
 Mrs ⊙
 603b Crosby Thos D
 604 Vacant
 604½ Vacant
 605aΔMayer Anton
 605b Vacant
 605c Massey Roy
 607ΔJenkins Jas A ⊙
 rear Vacant
 608ΔTaylor Julia R Mrs
 609 Vacant
 609½ΔDurr Janice

BARTON SPRINGS RD 1958

BARTON SPRINGS RD—

Contd
400ΔLinscomb Tourist Court

ΔEllis L A
401ΔSquirrel's Inn beer
405ΔPack's Bar-B-Q
406 S&E Sls Co (whse)
407ΔPack's Liquor Store
412ΔTypewriter Exchange
414ΔDeep Eddy Rug Clns
415 Vacant
416ΔDeep Eddy Washateria No 2
501 Texas Veterinary Specialty Co vet sups

509 Vacant
510 M&M Drive Inn confy
525ΔSkating Palace
527 Otto's Grill restr
529 Hawks Used Cars
S 1st intersects
601 Tally-Ho Drive In restr
ΔCock-N-Bull Commissary (whse)

603ΔSandy's Frozen Custard
603½ Teter Glenn H
605ΔMcPhail's Florists
605aΔMcPhail Rosa Mrs ©
605½ΔHudson Ralph B
703ΔBarton Springs Barber Shop
705ΔMoore Business Forms Inc
707ΔMitchell Adding Machine sls and serv
707b Vacant
709ΔFrancis Furniture & Floor Covering Co
721ΔShierlow Brothers air condng
801ΔCapitol Lndry & Clng Co
809ΔSpiller Butane
821ΔAmerican Automobile Assn Texas Div
825ΔAustin Production Credit Assn loans
829ΔPioneer Drive Inn restr

Bouldin av intersects
901 Johnny & Ernie's gas sta
903ΔStelfox Body Wks auto reprs
ΔStelfox J H
907ΔLoma-Linda Cafe
921 Montgomery Ernest L tax serv and book-keeping
Brooks Preston jr tax serv and bookkeeping
923ΔWatkins J R Products extracts

Woodland av begins (not open)

Dawson rd begins
1005ΔHoliday House (No 1) restr
1013ΔDriskill Lndry (Sub Sta No 3)
1017ΔSeven-Eleven Dairy Stores (No 2) gro
1026 Disch Field ball park

West Bouldin Creek Bridge
1110ΔUS Naval Reserve Training Center

MPRR overpass
1207ΔVarsity Miniature Golf Links
1209ΔMac's Package Store
1215ΔMeredith Gulf Serv
1217 No return

S Lamar blvd intersects
1301ΔMize M L Sinclair Serv

Josephine intersects
1400ΔJacobs Jerry Pit Barbecue Sys
1410ΔAnderson Dye Wks dyers
1420ΔHinderer Thos Constn Co

Jessie intersects
1500ΔSweeney's Floor Coverings
1500a Vacant
1500b Whitten Frank
1500c Whitten Harold E
1500d Vacant
1502ΔHarris Wayside Inn restr

1518ΔPecan Grove Trailer Park
1522ΔAustin Trailer Mart
1530ΔFath Conrad boats and mtrs
1532 Vacant

Kinney av begins
1600 Toomey Robt P ©
1600a Vacant
1600bΔMcBride Julius E ©
1601 Vacant
1603ΔMorice's Beauty Shop
1605ΔFreeland Morice
1608 Vacant
1624ΔAustin Recreation Dept Office

1625 Lillian's of Texas curio
1626 Vacant
1627ΔMosher Lillian B Mrs ©
1628ΔEvans Earl
1631ΔKrumm Adrian ©
1632 Shady Links Miniature Golf
1706ΔBrice Oscar W
1707ΔKrumm Motorcycle Sls
1720ΔKiddleland Park amusement pk

1726 Holmes Haskell
1728ΔShady Grove Barbecue restr
1732ΔJenkins Serv Sta
Sterzing ends
1800ΔCash & Carry Sign Shop signs
1804-06ΔTempo Engineering Co air condng
1808-10ΔAustex Heater Co water heaters
rear Calverado Jessie
Roberts E Lee begins
Barton blvd begins
1914 Vacant
1916ΔZenkner F W Cycle Shop
ΔZenkner Fred W
1916cΔWiesner Alois J ns1s Zilker Park
ss1wΔBarton Springs Bathing Pool
ss2wΔRobinson Buster J

44

BASFORD ROAD—North
3 blks to approximately 2000 E 38½
3500ΔYounglove Jas N ©
3501ΔDews Marian Mrs
3502ΔPardue Hubert R ©
3503ΔJones Obie L ©
3504ΔKirkpatrick Lee R ©
3505ΔBouchar Helen ©
3506ΔNewhauer Ben ©
3507 Crittendon Howard M ©
3508ΔLehmann Lynn P ©
3510ΔSeals Clifford L ©
3700ΔBrowning John P ©
3701ΔSoder Aug P ©
3702ΔAllen's Beauty Shop
ΔAllen Danl C ©
3703ΔJones Roy A
3704ΔHays C A
3705ΔMoon Jackie Mrs
3706ΔMiller John E © contr
3707ΔStaph Horace E ©
3708ΔPickens Dewey M ©
3709ΔRehm Ethel L Mrs ©
3801 Smith S Lorain
3805ΔSharp W R
3807ΔKrebs Roland
3810ΔChurch of Christ
E 38½ intersects

92

BASTROP HIGHWAY
(Formerly Hwy 71)—
From Colorado River at Montopolis Bridge southeast bey city limits
100ΔKasper Alfred rear Bruce Felton
101ΔWatkins Salvage Co auto
Bradshaw Joe
106 Vacant
107 Vacant

BARTON SPRINGS RD 1953

5th and COLORADO STS. SALES -- SERVICE -- PARTS TEL. 6-5391

BARTON BLVD—Contd.
 529ΔHagan John F
 603ΔScott Anna E Mrs @
 605ΔHargis Paul M @
 609ΔDuffie Saml F @
 611ΔPutnam Earl E @
 611½ΔKirkland Kath
Linscomb av ends
 1000ΔLund Elmer J @

7

BARTON SPRINGS HTS—
On Barton Springs rd
2 miles southwest of
city

3

BARTON SPRINGS ROAD
(S Austin)—From 300
S Congress av south-
west and west to Zilker
Park

106-08ΔTransmix Con-
 crete Corp
 ΔTransmix Associated
 Inc concrete
 116ΔBinswanger & Co
 glass
 205ΔSwearingen-Arm-
 strong (truck dept)
 206ΔHut's Drive Inn No 2
 restr
 206½ΔCarlson Leroy glass
 ΔJesse's Auto Trim
 219ΔGibson Joe W used
 cars
 ΔLindholm Garage
 reprs
Riverside dr in-
tersects
 300ΔBarton Road Package
 Store liquor
 ΔWilson Herbert A
 301-09ΔBradsher &
 Pierce used cars
 302ΔLucas & Hause used
 cars
 306ΔA & W Root Beer
 Drive In restr
 312ΔDill's venetianblinds
 312½ΔReyes Clnrs
W Riverside dr
intersects
 400ΔLinscomb Tourist
 Court
 Ellis Mary E
 401ΔSam's Drive In restr
 405ΔPack's Bar-B-Q
 406ΔValdes Cash Gro
 411 Vacant
 412ΔGenl Telev & Air
 Conditioning Co
 414ΔCapitol Liquor Store
 415ΔClub Riviera night
 club
 416ΔBarton Springs
 Washateria
 Huskins J W
 501ΔTexas Food & Free-
 zer Co
 501½ΔU S Bur of Intl Rev
 (br)

503ΔFrancis Furn &
 Floor Covering
 Co
 ΔFrancis Drapery
 Shop Ltd
 505 Carpenter Betty J
 Mrs
 510ΔJonnie's Place restr
 525ΔSkating Palace
 527ΔWhirla-Whip ice
 cream

S 1st intersects

601ΔShrimp Boat restr
 603ΔSandy's Frozen
 Custard
 605ΔMcPhail's Wayside
 Florists
 ΔMcPhails Rosa Mrs
 @
 703ΔBarton Springs Bar-
 ber Shop
 705ΔMitchell Adding
 Mach Co
 707ΔFowler Gordon &
 Co ins and real
 est
 709ΔDobbins Lbr Co
 713ΔCampion T J & Son
 hdw
 721ΔShirlow Bros air
 condng
 801ΔCapitol Lndry &
 Cng Co
 809ΔSpiller Butane Inc
 821 Vacant
 825ΔDickerson Lynn
 appliances
Bouldin av begins
 829ΔPioneer Drive In
 restr
 903-05ΔStelfox Body Wks
 auto reprs
 907ΔLoma-Linda Cafe

Woodland av begins
(not open)

Dawson rd begins

1005ΔHoliday House restr
 1013ΔAir-Way Branches
 Inc vacuum cln
 dlrs
 1017ΔSeven Eleven Dairy
 Stores No 2
 1025ΔGoodwin Auto Co
 used cars
 1026 Disch Field ball
 park

West Bouldin
Creek bridge

1110ΔU S Naval Reserve
 Training Center

7

MPRR overpass

1207 Varsity Miniature
 Golf Links
 1211 Vacant
 1215ΔRountree & Little
 Gulf Serv

S Lamar blvd in-
tersects

1301ΔSinclair Serv Sta
Josephine inter-
sects

1400ΔDunks Cafe
 1410ΔAnderson Dye Wks
 dyers
 1420ΔBackus Memorial Co
Jessie intersects

1500 Vacant
 1500a Warren Evelyn
 1502ΔHarris Wayside Inn
 restr
 1518ΔPecan Grove Trailer
 Park
 Schueler Carl A
 1522ΔAustin Trailer Mart
 1530ΔFath Conrad F Fish-
 ing Tackle
 1530aΔAustin Carbonic Co
 1530b Austin Roofing &
 Bldg Co (whse)
 1532ΔReneau Bros Prod
Kinney av begins
 1601ΔTreasure Trove gift
 shop
 1602 Toomey Robt P
 1603 Vacant
 1605 No Return
 1608ΔCircle Saw Shop
 reprs

1626ΔBelding Flowers
(greenhouse)

1627ΔAmend L L @ chiro-
 practor
 ΔLillian's of Texas
 curio dlr

1628ΔEvans Earl
 1631ΔPeavy Francis M @
 1632 Shady Links Minia-
 ture Golf

1706ΔWitcher Harvey B
 1720ΔKiddieland Park
 amusement pk

1726ΔFlowers Earl L
 1728ΔShady Grove Barbe-
 cue

1732ΔPat's Conoco Serv
 Sta

Sterzing ends

1800ΔWhite Woodrow @
 1804 Vacant
 1808ΔMcRae Howard L

Robt E Lee begins
Barton blvd begins

1914ΔClints Superburger
 restr
 1916ΔZenknor F W Cycle
 Shop
 ΔZenknor Fred W
 ΔChapman Marshall
 ΔWhitt Alice Mrs
 ns 1 w Zilker Park
 ss 1 wΔBarton Springs Park
 ΔBarton Springs Bath-
 ing Pool
 ss 2 wΔRobinson Buster J

28

BASFORD RD—North 3
blocks to approx 2000
E 38½

3500ΔBouldin Jas C @
 3501ΔCasner Jas L
 3502ΔPardue Hubert R @
 3503ΔSpry Jas W jr

BARTON SPRINGS RD 1947

220 E. 5th St. **WRECKER SERVICE** **PHONE 8-6655**

AZTEC DRIVE — From 2101 Bowman av east to Townes Lane
2502ΔBarr Chester A

BAILEY LANE (Formerly Pratt av) — From 1300 W 34th north to 34th

- 3200ΔSaunders Jos M ⊙
- 3202ΔLeach Oscar I ⊙
- 3204ΔColtharp Melbourne L ⊙
- 3205 Bailey Park
- 3208 Wheeler Mildred Mrs ⊙

W 33d intersects
3305ΔFriedrich Paul H ⊙

- W 34th intersects
- 5102ΔWilson Margt ⊙
- 3410ΔCombs M Browning
- 3410½ΔDismukes F Roy
- 3411ΔSwanson Chas C ⊙
- 3412ΔDickerson Dollie Mrs ⊙
- 3500 Urban Edwin ⊙
- 3501 Duval Maude E Mrs ⊙
- 3503ΔKing Clara Mrs ⊙
- 3504ΔRuiz Chas ⊙
- 3505 King Albert L ⊙
- 3512 McGhee Wm H ⊙
- 3514ΔDorsett John R ⊙
- rear Willis Gordon W
- 3515 Young Ray ⊙
- 3517ΔMyers Dora L Mrs
- 3700ΔDelony David L
- 3701 Myers Eldridge M
- 3702ΔStarnes J L
- 3704ΔMcClellan Alton F jr
- 3803ΔStewart Judson D ⊙
- 3808 Beavers Merwin G ⊙
- 3809ΔManford Kathryn H Mrs ⊙
- 3811ΔSpratt Frank K jr
- 3900ΔLee Ray E ⊙
- 3906ΔHubbard Selma A Mrs ⊙

BANYON — From Georgetown road west to bey Kendall av 2 north St Johns av

BARBARA—From Gault west 1 blk, 3 north Morrow

BARROW AV — From 600 E 41st north to 45th (Not open between E 43d and 1 block south of E 45th)

- E 42d intersects
- 4205ΔBraun Lester A
- Park blvd intersects
- E 43d intersects
- (Not open between E 43d and 1 block south of E 45th)
- 4403ΔRamsdell Susan A Mrs ⊙
- 4406ΔBoutwell Jese A ⊙ pntr
- 4408ΔDahlstrom Herman J jr
- 4413ΔHowell L Benj ⊙
- 4414ΔBlankenship Myrtle L Mrs ⊙
- 4415ΔMcShan Dana Mrs ⊙
- 4416ΔCochran Jas C
- 4417ΔShowalter Wallace G ⊙

BARTLETT (La Prellie Place) — From 2200 S Congress av west to Euclid av

Lindell av intersects
103 Kelley Arth T

BARTON BLVD — From 1800 Barton Springs Road south beyond Linscomb av

- 506ΔUmlauf Chas ⊙
- 511ΔThorp Raymond D ⊙
- Sunset View ends
- 523ΔShaw Eunice L Mrs ⊙
- 525 Vacant
- 527ΔGrein Otto
- 603ΔScott Alf L Rev ⊙
- Lynch Saml A contr
- 605ΔHargis Paul M ⊙
- 609ΔDuffie Saml F ⊙

- 611 Robertson Mabel Mrs
- Linscomb av ends
- 1000ΔLund Elmer J ⊙

BARTON SPRINGS HTS—On Barton Springs road 2 miles southwest of city

BARTON SPRINGS ROAD (S Austin)—From 300 S Congress av southwest and west to Zilker Park

- 104ΔWilliams-Gaines Co insula-tion
- 106ΔWilson Howard L genl contr
- 108ΔMaufrais C A Ready Mix Concrete
- 116-204ΔCentex Motors & Home Appliance Co
- ΔSmith C B Motors used cars
- 201ΔMurray's Auto Sales used cars
- ΔTailor Mart
- 204ΔCentex Mrs & Home Appliance Co filling sta
- 205ΔCombs Jack used cars
- 206ΔRiver View Inn restr
- Hughes Doyle
- 219ΔGibson Jos W used cars
- Riverside dr intersects
- 300ΔBarton Springs Road Package Store liquor
- Wilson Herbert A
- 301ΔChusman Sales & Serv motorcycles
- ΔL & M Garage auto reprs
- 302ΔLucas & Mayfield used cars
- 304ΔHandy Hut Gro
- 306ΔA & W Root Beer Drive In restr
- 309 Little Grill The restr
- 312 Blue Bonnet Roller Skating Rink
- ΔAntonio Helen F Mrs ⊙
- 400ΔLinscomb Tourist Court
- Hillman Alonzo G
- 405ΔGreat Western Used Cars
- 406ΔCas Gro & Mkt
- 415ΔKirchner Cafe
- 416ΔBlue Star Radio Service
- 510ΔJonnie's Place restr
- 525 Riverside Amusement Park

S 1st intersects
600ΔJohnston's Harold Miniature Golf

- 600a Sanchez Eug B
- 600b Carothers H Porter
- 601ΔHudson's Roof Garden restr
- 602a McCully John D
- 602bΔChollar Allan L
- 603ΔSandy's Frozen Custard
- 604aΔAustin Hbusing Authority (br)
- 604b Matesic Jos
- 605ΔMcPhails Wayside Florist
- ΔMcPhail Rosa A Mrs ⊙
- 606a Ornelas Raul E
- 606b Kleypas Michl A
- 608a Martinez Arnoldo A
- 608b Irwin Kenneth
- 610aΔWlar Mathias A
- 610b Carson Gilbert W
- 612aΔCain Milton E
- 612bΔFagg Hubert T
- 614a Bergstrom Marvin J
- 614bΔBrophy Ross A
- 616a Shafer Chas B
- 616b Parke Delbert E
- 618a Butler Marion J
- 618bΔFoster Guy H
- 700aΔSpiller Jas G
- 700b Curington Eug D
- 702aΔGore Saml J
- 702b Burleson Robt C
- 704aΔNutr Thos G
- 704bΔWilliams Earl A
- 706aΔTupy Raymond F
- 706b Sakowitz Peter C
- 707-9ΔDobbins-Campton Lumber Co
- 708a Wendt Harold F
- 708b Pendley Claude M jr
- 710aΔMatlocke Hudson

- 710b Benjamin Milton H
- 712a Rivers Lorin T
- 712b Jolly Sidney W
- 714a McGinnis L A jr
- 714b Frey Wm H
- 716a Davenport John M
- 716bΔThompson Cecil O
- 718a Moosberg Frank O
- 718a Chapman Caylos W
- 721ΔCalhoun's Food Store gro
- 800aΔJohns Don
- 300b Waits Monta A
- 801ΔCapitol Towel & Linen Service
- ΔCapitol Lndry & Cng Co
- 802aΔLudwig Otto H jr
- 802b Sowell Edsel S
- 804a Barnes Jos G
- 804b Sidwell Wyatt M
- 806b Shaw Clarence E
- 808aΔDavis Hilton K
- Robertson Tex
- 808b Bothager Mabel M Mrs
- 809ΔSpiller Frank Butane Gas
- 810aΔDandridge Nathaniel W
- 810b Hills Ernest T
- 812a Rosenbaum Thos H
- 812b Ruckman Chas W
- 814a Purcell Wm
- 814b Allcorn Saml H
- 815ΔHernandez Mack A
- 816aΔDaerr Richd L
- 816b Coers Roy H
- 818a McClelland Jos H jr
- 818bΔMorgan Danl R

Bouldin av begins
829 Vacant
901ΔParks Service Sta

903-07ΔStelfox Body Wks auto reprs
909 Vacant
Woodland av begins (not open)
Dawson rd begins
West Bouldin Creek Bridge

1101ΔMeyer Eug L ⊙

MPRR overpass
1211ΔJohnson J P gro
1213ΔChapman & Pace Serv Sta & Garage
Fredericksburg rd intersects
Josephine intersects

- 1414ΔDye Jessie T Mrs ⊙
- 1418ΔBackus Wm B ⊙
- 1420ΔBackus Memorial Co ⊙

Jessie intersects
1500ΔLanier Plumbing Co
1500a Adams Willis A
1500bΔEdwards Nettie M Mrs
1500c Hanson Walter
1500d Keller Phillips B jr
1518 Taylor Jos R
1530ΔAustin Marine Service boat bldrs

Kinney av begins
1600 Toomey Robt P ⊙ florist
1626ΔBelding Leonard E ⊙

1627ΔCurry Wm R ⊙
1628ΔBlack Kath M Mrs ⊙
1631ΔPeavy Francis M ⊙
1635ΔTaylor Jimmy Electric Co elec contr

1700ΔSterzing Grover H ⊙
1726ΔFlahive Terrence P
1728 Vacant
1732ΔIndependent Paint-Body & Wldg Shop
Sterzing ends

1800 White Woodrow ⊙
1808 Anderson Roy L jr
Robt E Lee begins
Barton blvd begins
1916ΔZenkner Fred W bicycle dlrs and reprs
Robt E Lee rd begins
Barton Creek Bridge
ns 1 w Zilker Park
ss 1 w Barton Springs Park
Barton Springs Bathing Pool
2 w Robinson Buster J

BARTON SPRINGS RD 1940

4606 Bartlett W O ©
 4610 Gillespie G R ©
 4611 Schreffler Minnie Mrs ©
E Forty-Seventh intersects
 4700 Lewis F W ©
 4701 Kreuz J F © 2-8631
 4702 Vacant
 4704 Williams Isaac O 8-3806
 4705 Wimple V W © 2-1524
 4706 Barrow D B 2-2657
 4707 Smith E F ©
 4708 Cantwell Raymond S
 4710 Glass W A ©
 4711 Babel A A © 9866
 4712 Martin E S 2-0748
 4717 Stanford H R © 8-1259
E Forty-Eighth intersects
 4800 Gustafson W F 9691
 Gustafson Christine Mrs © 9691
 4801 New S H 9978
 McDonald J E
 4801½ Vacant
 4803 Vacant
 4805 Neve Byron
 Gage W J
 4806 Spaw G B
 4808 Berry Robt C
 4810 Wells S T 2-2942
 4814 Chapman J R 9639
 Walker Winifred ©
 4815 Newman Thorne E
 used cars 8-4497
E Forty-Ninth intersects
 4900 Valentine Levi J 7620
 4901 Howell Danl © 2-6230
 4901½ Bunte H M
 4904 Huskey Allie
 Carlson C O 2-4777
 4908 McGee J L © 5164
 4909 Vacant
 4910 Vacant
 4911 McCoy J G © 2-5923
E Fiftieth intersects
 5000 Hicks H B ©
 contr 2-1960
 5001 Pauls Fred M
 5003 Johnson W T 2-7558
 5005 Rich Robt L © 7040
 5007 Morris F B © 7023
 5009 Vacant
 5011 Moore James
 5013 Trainer Wyatt E
 5014 Harris I L © 9842
 5015 Dickey Clifton D
E Fifty-First intersects
 5100 Gregory T C ©
 5101 Norris Robt H 2-1731
 5103 Johnson Erick G 9032
 5105 Vacant
 5106 Anderson Gilbert
 5107 Walker Forrest C 2-8709
 rear Lawton Wm C
 5110 Rosenquest Alice Mrs ©
 5111 Halden E R © 2-6019
E Fifty-Second intersects
 5204 Adair F M 8-2775
E Fifty-Third intersects
 5300 Crosby Homer © 8-3023
 5304 Hughes Richd A ©
 5306 Duncan Seth © 8-3567
Fifty-Fourth intersects
 City Limits
 (Not open beyond city limits)
AVENUE L—(Changed to Patterson av)
AVERY — West 2 blocks to opposite 5604 Georgetown road
 ss 1e Nauert W F
 Georgetown rd intersects
AVONDALE ROAD (Travis Hts)—From 1300 Alameda drive southeast and east to Kenwood av
 809 Betts Henry M 9967
 812 Koenig Joseph B 2-9084
 Barkley Ethel Mrs © 8-1247
Alta Vista av intersects
 902 Schwarz Henry L

905 Wheeler C O ©
 bldg contr 6301
 Travis blvd intersects
 1011 Vickery C W jr 3243
 1013 Perryman Curtis L 2-5581
 1015 Holman Berkley N © 3-1574
Kenwood av intersects
BAILEY LANE (Formerly Pratt av)—From 1200 W 32d north to 38th
 3200 Saunders Joseph M ©
 3202 Carson Eula L Mrs ©
 3204 Whiteside Warren T jr 2-7568
 3205 Bailey Park
 3208 Womack Nannie Mrs drsmkr
 Wheeler A A © 2-4659
W Thirty-Third intersects
W Thirty-Fourth intersects
 3402 Wilson Eliza A Mrs © 8-1496
 3410 Scales Addie L Mrs © 2-1262
 3410½ Vacant
 3411 Swanson Chas C © 2-1549
 3412 Dickerson Dollie Mrs ©
W Thirty-Fifth intersects
 3500 Park Geo W 8-2684
 3501 Duvel Maude Mrs ©
 rear Holland Georgia Mrs
 3504 Ruiz Carlos © 8-2806
 3505 Billingsley Reuben R ©
 3512 Enochs Max J ©
 shoe repr
 rear Vacant
 3515 Blocker Arry M
 3517 Duval Sallie Mrs © 8-1902
W Thirty-Seventh intersects
 3601 Mangham Nannie Mrs
W Thirty-Eighth intersects
BARROW AV—From 600 E 41st north to 45th (Not open between E 43d and 1 block south of E 45th)
East Forty-Second intersects
Park blvd intersects
East Forty-Third intersects
 (Not open between E 43d and 1 block south of E 45th)
 4406 Boutell Jesse A ©
 pntr 2-4986
 4408 Blankenship J Claude © 2-8671
 Bode G A
 4410 Peschka Edw H 2-7873
 4415 Balke Presley © 2-0239
 4417 Showalter G Wallace © 2-6692
E Forty-Fifth intersects
BARTLETT (La Prella Place)—From 2200 S Congress av west to Euclid av
 Lindell av intersects
 103 Bradshaw M T
 Euclid av intersects
BARTON BLVD — From 1800 Barton Springs Road south beyond Linscomb
 511 Thorp R D © 2-2662
 512(412) Moore Frank © 2-4873
Sunset View ends
 601 Shaw W J jr © 9238
 603 Lanham J T © 2-0243
 605 Hargis P M © 2-3893
 607 Fogle A L © 8-2640
 609 Duffie S F © 2-7505
 611 Robertson Ward 2-9823
Linscomb av ends
 1000 Lund E J © 7788

BARTON LANE (South Austin) — Changed to Robt E Lee road
BARTON SPRINGS HTS On Barton Springs road 2 miles southwest of city
BARTON SPRINGS ROAD (S Austin)—From 300 S Congress av southwest and west to Zilker Park
 ns 1 w Austin Sand & Gravel Co 4566
 114 Riverview Inn restr
 204 Rogers & Salyer filling station 8-3811
Riverside dr intersects
 300 Linscomb Tourist Courts Hillman A G
 302-4 Young & Pratt plmbrs 2-4634
 312 Capitol Tile Service Co 2-1652
 Austin Dunbrick & Tile Co
 Austin Floor Covering Co
 510 Steer The restr 8-0277
S First intersects
 ss 1 w Hudson J H Noack Irving wood
 601 Hudson's Roof Garden restr 9881
 605 McPhail's Wayside Florist 2-5266
 McPhail R A Mrs
 607-09 Dobbins C L Lumber Co Inc 8-1673
 721 Calhoun A B gro 6449
 801 Capitol Laundry & Cleaning Co 8-3443
 811 Vacant
 815 Kyle Wm C 8-1086
 819 Kasparek W E taxidermist
Bouldin av begins
 901 Travis Co Oil Co Sta No 3 2-6623
Woodland av begins (not open)
Dawson rd begins
West Bouldin Creek Bridge M P R R overpass
 1211 Dalton's Gro & Mkt 4814
 1213-15 Dalton John F ©
Fredericksburg rd intersects
 1300 Crosslin Gro & Mkt 2-9444
 1304 Friedrich Paul ©
 florist 2-3310
Josephine intersects
 1414 Dye C F © 2-6319
 1416 Stapp Lloyd
 1418 Croslin Norman
Jessie intersects
 1500 Spaw R T ©
Kinney av begins
 1600 Toomey R P ©
 1610 Barton Springs Floral Co 2-5666
 McPhail Ella M Mrs
 1614 Black Kath M Mrs © 5008
 1618 Sterzing G H © 2-8730
 1620 Thomas Edw
 1622 Schultze A E gro 2-4260
 1624 Schultze A E filling sta
 1627 Harlan Hunter H 5466
 1631 Peavy Francis M 2-6465
Sterzing ends
Barton blvd begins
 1800 Tilden Lloyd J
 1804 Tilden Jack bicycle rentals
 1808 O'Brien Benj F
 1812 Shovers Earl L restr
 Zenkner Fred W bicycle rentals
 1815 Vacant
Robt E Lee begins

BARTON SPRINGS RD 1940

GOOD FOR LIFE!

BARTON SPRINGS ROAD—Contd
Barton Creek Bridge
 ns 1 w Zilker Park
 ns 1 w Barton Springs Riding Stables
 ss 1 w Barton Springs Park
 Barton Springs Bathing Pool
 ss 2 w Nolan Ernest

BASTROP ROAD—Continuation of Riverside Drive from City Limits southeast

BAUERLE AV (S Austin) —From 1900 Kinney av west to Goodrich av (Not open)

BAYLOR (3d ward)—From 1100 W 6th, north to Parkway
 602 Bossey Herbert G
 603 Parker Wm M 8-1578
 604 Gaines John B 2-2586

605 Thompson Wm F 6306
 605½ Lacy Wilkes B 2-4727
 607 Callaway Henry D 2-4343
 608 Taylor Mary F Mrs 5789
 609 Gribble Jennie K Mrs 2-8464
 610 Allen Chester L 7991
 611 Mansell Saml L jr 2-5796
 613 Heidenreich Emma Mrs 5860
 Starkey Lynn B 3842
W Seventh Intersects

700 McSween Magnus J 5520
 701 Kinser Albert W 3323
 702 King L L Mrs 3412
 703 Petri Edw R 5240
 704 McNamara Wm F 3272

705 Penick Edw P jr 2-8446
 707 Belger J A jr 5718
W Eighth Intersects
 804 Schmedes Kurt 4625
 806 Ebeling Emilia Mrs 2-2501

807 Vacant
 808 Manlove Myrtle E Mrs 6668
 Malone Berta Mrs 2-6104
 809 Fulgham Dempsey A 2-1678
W Ninth Intersects

901 Paysinger Kath E Mrs 5708
 909 Renker John W
 910 Ledbetter Lawrence E 4039
W Tenth Intersects

1000 Rossy Hubert E Parke James 2-7944
 1007 Webb H Randolph
 1009 Cain H B elec contr 2-8506
W Eleventh Intersects

1100 Bowers Frank M 2-1403
 Sisson John
 Marshall Harry O pnt 2-1403
 1102 Spiller Richd H jr 2-1687

1102½ Williamson W Raymond 2-4198
 1104 Royder Thos 2-1930
 1105 Stokes E B 5073
 1106 Brown J Steen 5909
 1107A Vacant
 1107B Hardin Emma Mrs 8-1805

1108 Gary James E
W Twelfth Intersects
 1200 Ransom Wm B 4403
 1202 Johnson J E 7074
 1203 Brown Rachel Mrs
 1204 Moore Maggie F Mrs 2-1696

1205 Cleveland A P 4442
 1206 Fischer C A 2-9503
 1207 Caldwell R Hill 9701
 1208 Pearson Reinhold 2-2848

1209 Pope E W contr 2-5991
 1210 Davis Chas L 4651
 1211 Kelley W Curtis
 1212 Clement Frank J jr 4985
 1214 Stowell Harold O
 1216 Crowe M Hugh 2-6420
 1218 Smith E J 4187
Parkway intersects

BEANNA (College Court) —From 706 Park Place north to E 32½ (Not open between E 30th and E 32d)
Leonard intersects
 2903 Miller Wm K 2-2778
 2905 Thomason H D 2-4006
 2907 Freeborough Benj B 2-6695

Leonard ends
 2908 Field Geo L 8-1970
 2909 Vacant
 2909½ Oatman Harvey D 2-4744
 2911 Moore Roland B genl contr 2-0586
 2913 Montgomery Herbert B 8-2263
 2914 Dawson R F 2-3232
 2915 Herring Chas F 2-7124

E Thirtieth intersects (Not open between E Thirtieth and E Thirty-Second)
E Thirty-Second intersects
 3202 Wilson Harold S 2-3275
 3202½ Vacant
 3204 Kelly D E 2-2375
 3204½ Jay R H 2-8153
E Thirty-Second and One-Half begins

BECKER AV (Country Club Hts)—From opposite 907 E 30th northeast to E 40th
 3900 Wolf H F 2-4770
 3901 Showalter G H P jr 8-1002
 3906 Nelson J P
 3908 Biesele F C
 3909 Black A C contr 2-1592
 3912 Campbell J B
 3914 Edwards Geo W Robinson Luke rear Vacant
E Fortieth intersects

BEDFORD (East Austin) —From 2500 Rosewood av north to Euneva
 1167 Wilson Sol I
Sol Wilson av intersects
 1172 January Louis L
 1176 Earls Jason F
 1178 Atchison Geo
Euneva begins

BELL—Changed to W 7th
BELLEVUE PARK ADDITION—Half mile east of Travis Hts

BELLEVUE PLACE (College Court, 4th ward)—From 3000 Duval east to Harris Park av
 501 Roberts Benj F 9953
 502 Shaw W J 2-1803
 505 Gambrell Martha Mrs 2-1204
 506 Tharp Benj C 2-4404
 508 Street Florence Mrs 3887
 509 Fletcher Loren A 2-2320
 511 Gatoura James 4071
 600 Suehs Paul E 4270
 601 Griffith Annette Mrs 6038

603-A Manford Kathryn 2-5339
 603-B Frede Ralph E
 605 Trimble Zella Mrs 2-4586
 606 Owens Mary B Mrs 2-5344
 609 Cain Allen M 8-2192
Harris Park av intersects

BELLVUE AV—From 4103 Alice av north to W 45th
 4109 Vacant
W Forty-Second intersects
 4201 Steifer D D 2-1977
 4202 Johnson D W 8-3769
 4204 Scott Howard E 8-3769

4206 Rhemann Geo A
 4207 Crider R B 2-6943
 4208 McCord H A 8-3718
 4209 Vacant
 4210 Arnhamm F R 2-6917
 4211 Ward Hiram 8-3544
 4213 Ward Webb W

W Forty-Third intersects
 4300 Womack C E 2-1793
 4304 Johnson Philip
 4306 Horton H A jr 2-7506
 4307 Berg Emilia 2-4937
 4310 Trafton Wm E 2-5286
 4314 Curtis H T Rev 2-4274
 4315 Mills Roger Q 2-1746

W Forty-Fourth intersects
 4402 Black Darold L 8-3878
 4410 Jennings F P
 4413 Schieffer L E 2-0568
 4415 Park A M
 4416 Sauls O L pnt 2-4672
 4417 Moore J Lester 7845

4419 Sloan Joseph H 4572
 4421 Rudnick Paul 2-9136
 4423 Vacant
W Forty-Fifth intersects

BENELVA DRIVE — From opposite 403 E 31st north to E 32d
 3103 Robertson Henry V 2-3293
Front ends (Not open)
 3115 Blevens Geo P
E Thirty-Second intersects

BENNETT AV (Ridgetop Annex)—From ½ block southwest of 1009 E 43d northeast beyond city limits (Not open between Clarkson av and ½ block southwest of E 50th and beyond E 54th)
E Forty-Fourth intersects
 Ellingson Ia intersects
 4517 Gest Fritz
 4520 Loden Gladys W Mrs 8-2024
 4522 Stevens James W 8-1582

E Forty-Sixth intersects
 4608 Hamlin Wm M
 4618 Spence Chas O 7563
 4622 Estlack Eug H 2-5925
E Forty-Sevenths ends
Clarkson av begins (Not open between Clarkson av and ½ block southwest of E west of E

4913 Pipe J F Simpson L T
 4914 Brown Wiley E
E Fiftieth intersects
E Fifty-First intersects
E Fifty-Second intersects
E Fifty-Third intersects
 City Limits
 5307 Hood C B contr
Fifty-Fourth intersects (Not open beyond E Fifty-Fourth)

BENTLEY—From opposite 2028 Fredericksburg road southeast to Thornton rd
 2207 Smith Fred T
 2209 Gibson Vernon

BARTON SPRINGS RD 1935

640 (1935) MORRISON & FOURMY DIRECTORY CO'S

BARTON SPRINGS ROAD
—Contd

901 Travis Co Oil Co Sta No 3
1215 Calhoun & Croslin gro and fill sta
Fredericksburg rd Josephine
1414 Dye C F @
Jessie
1500 Spaw R T @
Kinney av
1600 Toomey R P @
Sherry S D
1607(1627) Peavy F M @
1610 Barton Springs Flo-ral Co
McPhail Frank
1614 Black K M Mrs @
1618 Sterzing G H @
1620 Metz Norman
1622 Schutze A E gro
1624 Schutze A E fill sta
Sterzing
1808 McRae E J Mrs @
1812 Vacant
1815 Moore Eula Mrs restr
Barton Creek
ns 1 w Zilker Park
Harty W R
Zilker Riding Stables
ss 1 w Barton Springs Pk
ss 2 w Robinson B J
BASTROP ROAD—Continuation of E 1st, from Montopolis bridge east to Bastrop
BAYLOR (3d ward)—From 1100 W 6th, n 1 blk beyond W 12th, 1st w of Ruiz
603 Smith Garland
604 Gaines J Q @
605 Johnson Mollie @
607 Talley L C
608 Taylor M P Mrs @
609 Gribble J K Mrs @
610 Marshall J N Rev
611 Wells R I
613 Heidenrich Emma Mrs @
W Seventh
700 McSween M J @
701 Kinser A W @
702 King H G @
703 Petri E R @
704 McNamara W F
705 Penick E P Jr @
707 Belger J A Jr @
W Eighth
804 Schmedes Kurt @
806 Ebeling Otto @
807 Colonial Flower & Gift Shoppe
Fowler G R
Miller J T
808 Manlove M C Mrs @
809 Smith J T @
Brown A L
W Ninth
901 Paysinger K E Mrs @
W Tenth
1000 Parke J H
1007 Rose E P
1009 Cain H B @
W Eleventh
1100 Marshall H O @
Mayo M E
1102 Fincher P F
1104 Vacant
1106 Brown J S @
1108 Cobb M V
W Twelfth
1200 Ransom W B @
1202 Wilkins H H
1203 Barnard Chas
McCullough E C
1204 Moore H L @
1205 Vacant
1206 Fischer C A @
1207 Thrift L S
1208 Pearson Reinhold @
1209 Childs A J Mrs

1210 Davis C L @
1211 Street J H @
1212 Clement F J Jr @
1214 French J D
1216 Hopkins R B @
1218 Smith E J @
BEANNA (College Court)—From Park pl 2d w Red River ext north
Leonard
2903 Miller W K @
2905 Thomason H D
2907 Moynihan T A
2908 Crawford F B @
2909 Murray Chas
2909 1/2 Serur Fred
2911 Vacant
2913 Williams R B
2914 Dawson R F
BECKER AV (Country Club Hts)—Begins E 40th 1/4 mi e of Country Club, ext s 2 blks
3900 Wolf H F @
3901 Harton Wm @
plmbr
3912 Campbell J B @
3914 Quist C A @
rear Mitchell J M
BEDFORD (East Austin)—From Sol Wilson ext n 1 blk
BELL—Changed to W 7th
BELLEMONT (West Austin)—From Highland av 2 n w 6th e to Oakland av
BELLEVUE PARK ADDN—Half mile east of Travis Hts
BELLEVUE PLACE (College Court, 4th ward)—Continuation of E 30th—From 3001 Duval east to Waller creek
Duval
501 Shropshire W W
502 Silvey B B @
505 Vacant
506 Tharp B C @
508 Street F H Mrs @
509 Ellsworth C E @
511 Gatoura Jas @
Harris Park av
600 Suehs P E @
601 Griffith A L Mrs @
605 Trimble Homer @
606 Armstrong R C
BELLEVUE AV — From W 40th north to W 45th, 1 e of Alice
West Forty-Second
4201 Vacant
4202 Johnson D W @
4204 Vacant
4206 Beaver R H
4208 Nichols H S @
4210 Bostock W F
W Forty-Third
4307 Copeland J J
4310 Curtis Kittie Mrs
4314 Rowland E W @
W Forty-Fourth
4401 Baker L P
4402 Jeffrey I C
4410 Jennings F P @
4415 Park A M @
4416 Mayberry Theo
4419 Thiele W W @
BENNETT AV (Ridgetop Annex)—Begins E 45th 2 east of Red River extends north
4518 Daughtry Frank
4520 Loden L W @
E Forty-Sixth
4608 Johnson W R @
East Forty-Seventh
East Forty-Eighth
E Forty-Ninth
4907 Plke J F @
4908 Brown Wiley @

BERGMAN AV — Begins Chicon 1 s of River View ext e to Colorado River
2012 Mueller Tago @
BICKLER ROAD (Travis Hts)—Begins 602 Academy dr ext southeast to Pecan Grove
1207 Crawford J R @
1209 Youngblood R L
1210 Vacant
1211 Ash Mervin @
1212 Shugard Aleatha Mrs @
1214 Galbreath R F
1215 Malone Ross @
1216 Bell J B
1217 Cleveland J O
1219 Hawkins E L @
1220 Varden J H @
Skaggs E V
1221 Cowley J L @
1222 Rhody M O @
BIERCE (7th ward) — From Colorado River north to River, 1 east of Red River
21 Schwarzer Edw @
22 Umscheid Ida Mrs @
23 Smith M J Mrs @
24 Kretschmar John @
26 Kennedy A M Mrs @
27 Breazeale Georgia Mrs @
29 Raven J L @
30 Bierce W L @
BLANCO (2d, 3d wards)—From 1200 W 6th, north to State
601 Crawford Thos
Webster J G
604 Perry J B
605 Nations Thelma
606 Perry J B Jr
607 Buaas O H @
608 Goodstein D A @
609 Pease A E Mrs @
611 Hudepohl G D @
612 Escamilla R A Mrs
614 Armstrong N B Mrs @
rear Mays Murry
617 Gillespie C C @
618 Barrett W H
620 Kay John
W Seventh
701 Simmons G G
705 Campbell M F Mrs @
707 Vacant
W Eighth
800 Caldwell Fred
802 Tabor J C
804 Schwab Chas @
rear Darby Pearl
806 Hamby R C @
807 Kelso M J Mrs
808 Stanford J E
809 Molberg S J
810 Fuller H C Mrs
W Ninth
900 Buaas J L @
901 Schutze Julius @
902 Shelton H E
903 Hamblin G H @
905 Smith A E
907 Hay L K @
908 Coffey J R @
909 Townsend C H
910 Hill E I Mrs @
911 Davis G B
912 Curry O J
913 Nitschke I E
914 Keltner Minnie Mrs
W Tenth
1000 West Austin Fire
Hall Engine Co No 4
1001 Piper L M Mrs @
1003 Gatlin E H Jr
1005 Piper S M @
1009 Summer W E
1011 Barrington Mollie
1013 Weyand A M
W Eleventh
1100 Nowlin B W @
1102 Snyder W N

Zilker Metro Park
2022-2098 Barton Springs Rd
Austin, TX 78746

Inquiry Number: 5637952.3
May 01, 2019

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/01/19

Site Name:

Zilker Metro Park
2022-2098 Barton Springs Rd
Austin, TX 78746
EDR Inquiry # 5637952.3

Client Name:

TRC
9225 US Highway 183 South
Austin, TX 78752
Contact: Michael Bohmfalk



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by TRC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 7A81-4A5A-9CFD
PO # 339575.0000.0000
Project 12.1 - Zilker Phase I ESA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 7A81-4A5A-9CFD

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

TRC (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

**APPENDIX C:
PHOTOGRAPH LOG**

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 1: View of storage shed and former UST location in the southwest portion of the Maintenance Barn area. Facing south.




Photo 2: View of Unleaded Gasoline and Diesel fuel AST on the south side of the Maintenance Barn area. Facing southeast.



Photo 3: View of the paint storage building in the southeast portion of the Maintenance Barn area. Facing south.



Photo 4: View of paints stored in paint storage building. Facing south.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	1 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 5: View along southern side of the Maintenance Barn (Quonset hut on right side of photo). Facing west.




Photo 6: View of *de minimis* staining inside of equipment and materials storage shed on the east side of the Maintenance Barn area. Facing south.



Photo 7: View of interior of storage area at the northeast corner of the equipment and materials storage shed on the east side of the Maintenance Barn area. Facing north.



Photo 8: View along northern side of the Maintenance Barn (Quonset hut on left side of photo). Facing west.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	2 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 9: View of the interior of the Maintenance Barn. Facing west.




Photo 10: View of storage of janitorial supplies in the southeast portion of the Maintenance Barn. Facing south.



Photo 11: View of surplus tractor, lawn equipment and electric vehicle storage area in the northeast portion of the Bone Yard. Facing north.



Photo 12: View of de minimis staining beneath a tractor (pictured on the right side of Photo 11) in the northeast portion of the Bone Yard. Facing north.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	3 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 13: View of soil and weathered granite gravel stockpiles on the east side of the Bone Yard. Facing east.




Photo 14: View of wood stockpiles on the south side of the Bone Yard. Facing south.



Photo 15: View of used asphalt stockpiles in the south central portion of the Bone Yard. Facing west.



Photo 16: View of five-gallon pails of calcium hypochlorite in the northwestern portion of the Bone Yard. Facing north.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	4 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 17: View of general trash dumpsters and surplus material and supply storage in the northwest portion of the Bone Yard. Facing east.




Photo 18: View of a typical pair of pad mounted transformers. These are located at the west side of the Great Lawn. Facing south.



Photo 19: View of typical single pad-mounted transformer. This one is located in the southern portion of the Great Lawn. Photo facing southeast.



Photo 20: View of propane tank northeast of the Zilker Clubhouse. Facing north.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	5 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 21: View of natural-gas fired emergency power generator on the south side of the Barton Creek Salamander hatchery building at the Nature Science Center. Facing east.




Photo 22: View of permeable interlocking concrete retaining blocks installed along Eanes Creek at the north end of the Bone Yard as part of erosion control improvements in this portion of the Butler Landfill. Facing west.



Photo 23: View of the gravel paved area at the southern end of the Butler Landfill cap area. Facing north-northwest.



Photo 24: View of the transition from gravel to soil in the central portion of the Butler Landfill cap. Facing north-northwest.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	6 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 25: View of the soil area in the central portion of the Butler Landfill cap area. Facing east on the southeast side of the Mopac bridge.




Photo 26: View of the asphalt paved parking area on the Butler Landfill cap beneath Mopac. Facing northeast.



Photo 27: View of climbing tower in southern portion of the Pistol Range. Facing north.



Photo 28: View of former covered shooting area in southern portion of the Pistol Range. Facing east.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	7 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 29: View of western portion of the Pistol Range and sheet shooting area. Facing northwest.




Photo 30: View of soil and concrete debris stockpile in the northern portion of the Pistol Range. Facing north.



Photo 31: View of black shards of cementitious clay observed in the north central portion of the Pistol Range area (consistent with clay pigeon materials) just south of the stockpiles pictured in Photo 30. Facing north.



Photo 32: View of Pistol Range area. The covered shooting tables were formerly located between the climbing tower and the rock building. Facing southeast.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	8 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 33: View of the Pistol Range and the former skeet range beyond the black metal fence. Facing west.




Photo 34: View of a low rock wall and soil backstop along the northern portion of the Pistol Range. Facing west.



Photo 35: View of the Pistol Range rock building and retaining walls that show the grade elevation change between the former shooting area and the building. Facing southwest.



Photo 36: View of the covered shooting tables and the Pistol Range rock building circa 1940. Facing south. Photo courtesy of the City of Austin PARD.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	9 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 37: View of the Skeet Range building and a portion of the shotgun shooting stations (e.g., the white posts) circa 1940. Facing northwest. Photo courtesy of the City of Austin PARD.




Photo 37: View of the Skeet Range building and associated shotgun shooting stations circa 1940. Facing northeast. Photo courtesy of the City of Austin PARD.



Photo 39: View of the former Skeet Range area. Facing north.



Photo 40: View of concrete and rock visible in the western portion of the former Skeet Range area, assumed to be the remnants of the foundation of the skeet building. Facing west.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	10 of 12	City of Austin	Zilker Metropolitan Park	

Appendix C Zilker Park Phase I ESA Photograph Log



Photo 41: View of the former Skeet Range (foreground) and Pistol Range (background). Soil and concrete rubble stockpiles in the northern portion of the Skeet and Pistol range are visible on the left side of the photo. Facing east.




Photo 42: View of the inlet to the storm water conveyance at the northwest corner of the Pistol Range. The inlet receives storm water from the area to the north and northwest of the Pistol and Skeet ranges. Facing south.



Photo 43: View of the outfall of the storm water conveyance on the east side of the Pistol Range. Facing west.



Photo 44: View of the storm water flow path beyond the outfall pictured in Photo 43. Facing south.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	11 of 12	City of Austin	Zilker Metropolitan Park	


Appendix C Zilker Park Phase I ESA Photograph Log



Photo 45: View of bullet observed in the area of trees to the north of the Skeet Range. Facing north.



Photo 46: View of a metal cans with bullet holes observed in the area of trees to the north of the Pistol Range. Facing north.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
339575.0000.0000	Michael Bohmfalk	12 of 12	City of Austin	Zilker Metropolitan Park	

**APPENDIX D:
OTHER REFERENCE INFORMATION**

1936

PARKS

TRAVIS COUNTY

DISTRICT 9

Bibliography.

City Recreation Department - Austin.

1. Zilker Park.

Zilker Park was named in honor of Mr.

A. J. Zilker, Sr., the donor.

The park is located southwest of the city of Austin on the Bee Cave road. It may be reached by bus in summer for the price of .10¢. Taxi fare is .35¢.

Zilker Park, three hundred and fifty acres, was donated to the city of Austin by Mr. A. J. Zilker, Sr., for Park and Recreation purposes provided the city of Austin would pay to the Austin Public Schools the sum of \$200,000 to be used as an endowment fund for industrial education. This offer of gift was made in September, 1932, and accepted by the City Council in December, 1932. Improvements were started in May with Mr. Charles Page serving as Consultant Architect, without pay. No budget providing

ve-parks-P1200

for improvement of this park was made by the City of Austin at this time, but R. F. C. labor was available and funds for necessary materials, cement and steel, were secured by selling ads to go on picnic tables at the price of \$25.00 per ad. With the amount raised, forty-five picnic sites were built and roads and trails constructed. The park was cleared of under-brush and opened to the public. A skeet field was built by private funds on a self-liquidating basis and opened to the public.

An old barn, located near the center of Zilker Park was remodeled, stables and corrals added and Zilker Riding Stables became a reality. Funds from the local Police Department and C. W. A. labor were used in constructing a pistol range in the park.

In 1934, the Civil Works Administration program was opened and a project approved by the C. W. A. for the expenditure of \$75,000 for improvements of Zilker Park. This program included the construction of additional roadways, an ornamental entrance to the park, and camp houses for Boy Scouts, Girl Scouts and underprivileged children. These camp houses were built of native stone and equipped for camp purposes. The architecture is in keeping with the local surroundings

in the park. An old stone building in a state of decay, but with walls in good condition was remodeled into a beautiful shelter house, with keepers quarters, concession stand, and comfort stations.

An asphalt road leading from the bridge to the entrance of Barton Springs was abandoned as a roadway. Cars enroute to the pool enter the park, bear to the left over a hill by the reptile institute (non-existent now), pass through the old gravel pit and into the Barton Springs parking area at the present entrance on the southwest. Returning autos will come out over a short stretch built from the old entrance to the county road. Traffic thus will move in a loop, thereby eliminating congestion at the point of entrance to the pool.

In traveling this loop one will pass the sunken gardens, which are a creation of beauty in planting and designing.

Water and light distribution systems have been extended over a part of the park.

The following activities are available in Zilker Park: swimming, horse-back riding, camping, tennis, (a skating rink has been planned, but not yet constructed) nature study, shooting, athletics,

Zilker Park

'Gateway'

Approved

By BILL WOODS

The City Council Thursday authorized the opening of a Zilker Park "gateway" into the Bluffington residential section above the Colorado River's south bank.

Estimated cost of the new paved drive—from one of Zilker Park's paved roadways along the river to Stratford Drive in Bluffington—is \$20,000.

Public Works Director Reuben Rountree said he may have enough in his department's budget to pay for the project this year. Bluffington, although a part of Austin, is virtually isolated from the rest of the city. The only way into the area now is through Rollingwood, an incorporated city west of Zilker Park.

Dewey Bradford, spokesman for a delegation of Bluffington residents, called Bluffington "a captive community" whose residents "have to stand the indignity of going through another city" to get to their homes.

The most direct route into Bluffington now is by way of the pistol range road in Zilker Park, but as Bradford pointed out that route has a built-in flood hazard where it makes a low water dip across a creek.

Construction of the new roadway would go hand in hand with the city's long-range plan.

Investment That Can't Be Bought In Dollars

Thu 5/28/36

Many a city does its share of boasting about its million-dollar investments but not so the city of Austin, which has one actually exceeding that figure.

Of Zilker park and its twin pleasure center, Barton Springs, the city fathers say wisely:

"Why get it down to dollars and cents? Those places were made for fun — and money couldn't buy them."

Instead the two parks, one a shaded area of more than 300 acres and the other a compact center framed for its cool waters, are valued in terms of human enjoyment, sunshine for youngsters, entertainment for the family. Certainly the two represent a sizeable investment but it is one better described in adjectives than in figures.

Enjoys Playgrounds

How Austin enjoys its playground will be demonstrated arithmetically for the prosaic, happily for the remainder of Austin people on July 4, when even more than last year's 30,000 persons are expected there for a giant patriotic fete sponsored by the American Legion. The new figure will climax other record figures of the season, for already more people than in any other corresponding time in past summers have trekked to Barton Springs and Zilker park for swimming, picnicking and other outdoor pursuits. Barton all-time record day on June 21 Springs incidentally, experienced its when more than 2500 persons plunged into its waters while others gathered on its grassy slopes.

Lost from the records is that day when a would-be swimmer stuck an experimental toe into the icy springs which now feed the Barton pool, shivered and hastily withdrew; but it may have been as far back as the time of Spanish explorers who followed a series of springs through this section. There is one theory, fairly well substantiated, that Cabeza de Vaca visited Barton Springs and wrote about it in his journal.

Bought in 1917

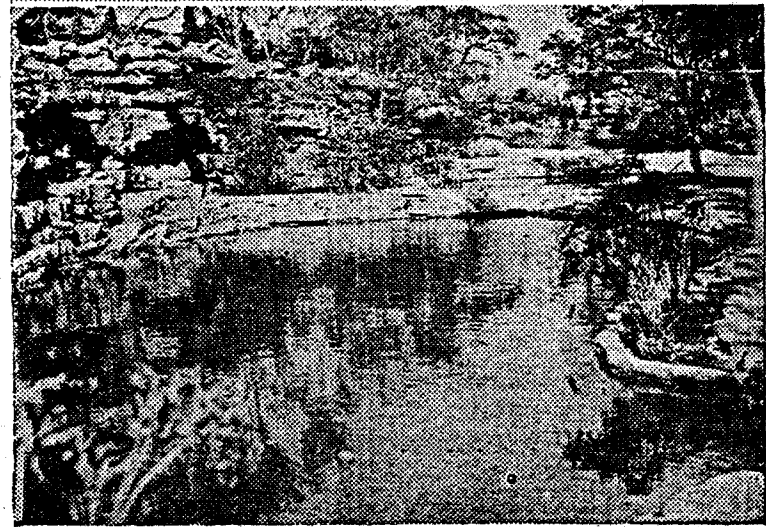
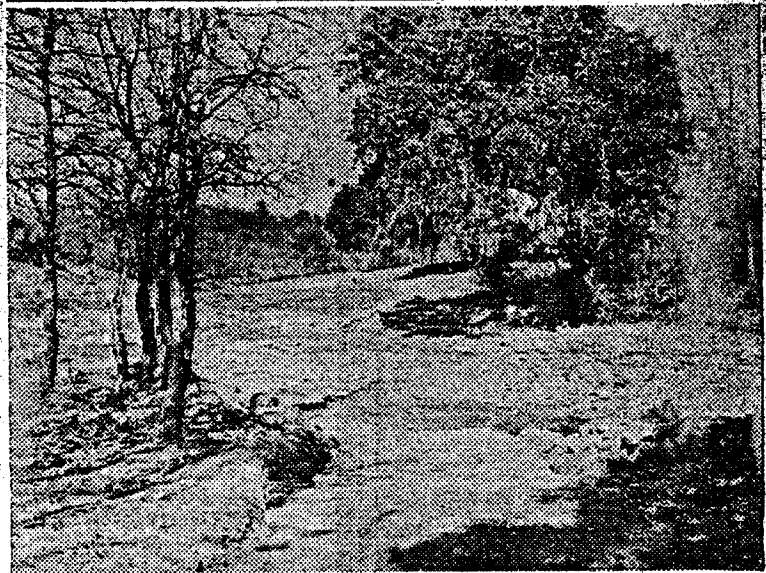
Getting down to modern times, however, the civic history of the park begins with its purchase by the city in 1917 and since that time it has been steadily enlarged and improved to its present proportions. Old-timers wax sentimental over the old mill which once graced its banks and even youngsters remember the uneven rock dam which preceded the present concrete one. The strong new dam controls a flow estimated at 42,000,000 gallons of water a day.

James A. Garrison, head of the city recreation department, has found something of an enigma in Barton Springs this year. Its waters are—yes, they're colder! Last year the pool temperature ran around 68 degrees; this year, for no apparent reason, it has dropped to 62.

Picnic tables, various concessions, playground equipment and the Barton Springs pavilion with its cool dance floor will be pleasure spots for thousands in addition to swimmers on July 4.

Barbecue Pits Plentiful

Adjacent to Barton Springs and allied in spirit are the rolling, shaded acres of Zilker park with its barbecue pits and picnic tables, bridle paths, canoe club, skeet field, police pistol range and many



A mecca for pleasure-seekers in hot summer months and always an attractive addition to the city, Zilker park will be thronged with thousands of celebrants July 4 when a city-wide program is staged at the park and at nearby Barton Springs. These scenes, snapped by the cameraman during a leisurely inspection of the park, speak eloquently of its restful beauty and of improvements which make it increasingly ideal as a pleasure spot.

the project from relief rolls, attaining a financial independence as CWA workers.

When the government invested more than \$75,000 in the park it was a larger federal expenditure than in any other state park project.

To take care of the increasing number of picnic parties, 25 additional tables have been placed

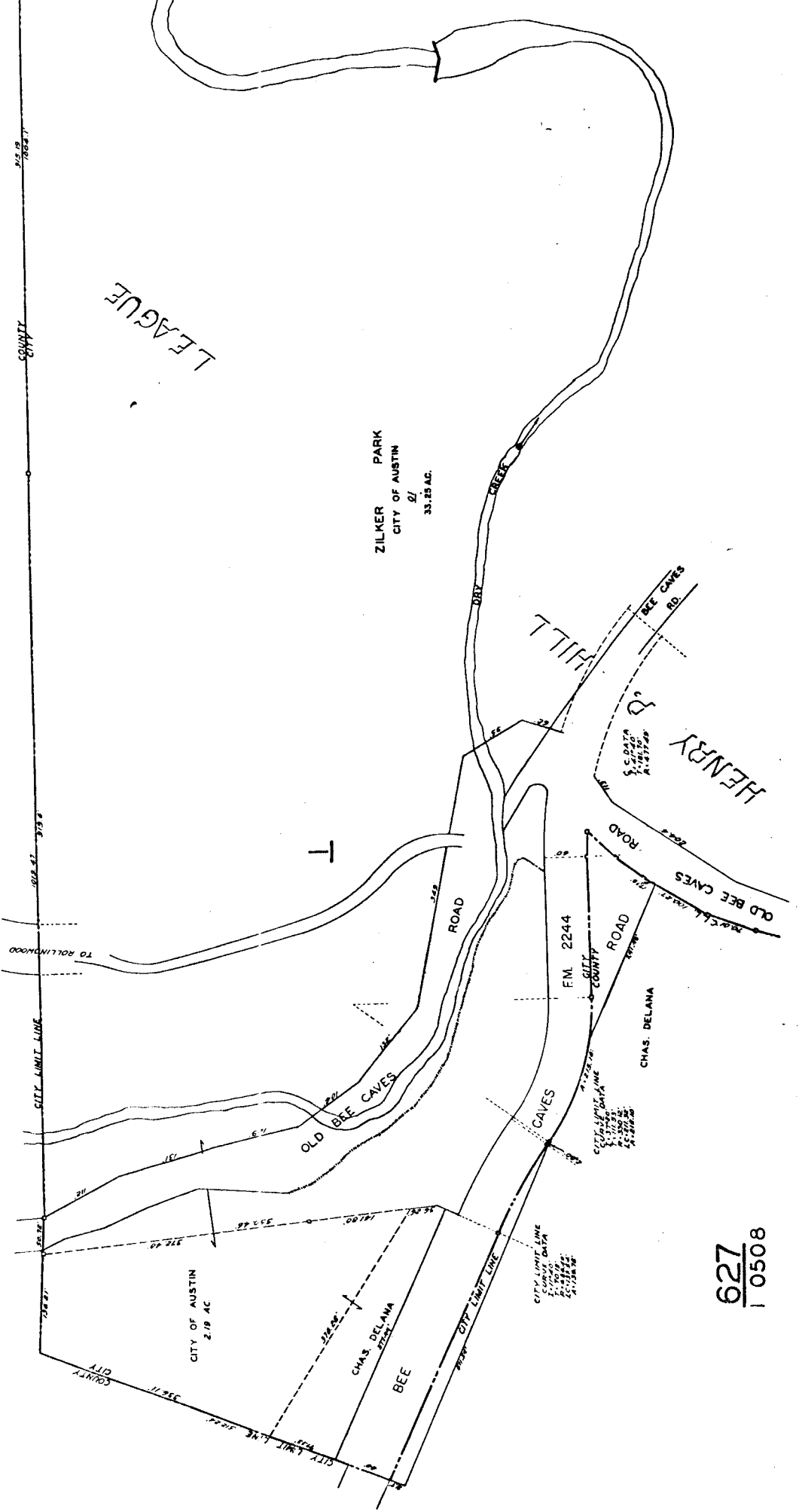
there this year. Riding stables are operated by Harold and Chester Wentworth and the new Zilker Canoe club was opened in March by Billy Disch, Jr., and Elton Rutledge, giving boaters opportunity to paddle their way all the distance to the dam if they like.

Sylvan retreats invite introspective and contemplative souls but there is harder diversion in the park also. For the trapshooter and

where Austin's famous prize-winning police pistol in their practice shots.

The great improvement was launched in 1932, was furnished through the roadways and walks were considered. Nor was attention overlooked, for rock garden, cactus garden, flower gardens were built and dance with a well-defined barbecue pits and tables, under supervision of Page, member of the board, have proved most popular of all features.

Young Austin not only picnics there but also some constructive activities.



LEAGUE

ZILKER PARK
CITY OF AUSTIN
2/1
33.25 AC.

CITY OF AUSTIN
2.19 AC

CHAS. DELANA
770.00

BEE

CITY LIMIT LINE
COUNTY DATA
PLAT 100
10/10/00

CITY LIMIT LINE
COUNTY DATA
PLAT 100
10/10/00

CHAS. DELANA

OLD BEE CAVES
ROAD

HENRY
COUNTY DATA
PLAT 100
10/10/00

HILL

DRIY CREEK

ROAD

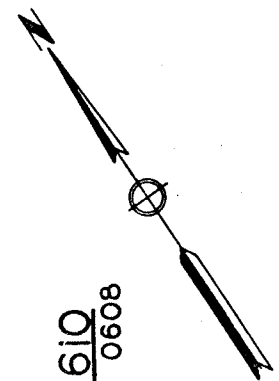
FM. 2244

GILLY COUNTY ROAD

ROAD

BEE CAVES
RD.

609
10707



610
10608

627
10508

LANDFILLS IN THE VICINITY OF AUSTIN, TEXAS

Prepared for

THE CITY OF AUSTIN
Austin, Texas



Prepared by



Underground Resource Management, Inc.

Austin, Texas



LANDFILLS IN THE VICINITY OF AUSTIN, TEXAS

**Prepared for
CITY OF AUSTIN**

**Prepared by
UNDERGROUND RESOURCE MANAGEMENT, INC.
Austin, Texas**

November, 1984



TABLE OF CONTENTS

	<u>Page</u>
EXECUTIVE SUMMARY.	1
INTRODUCTION	5
History of Waste Disposal in Austin	7
Landfill Contents	12
Regulatory Aspects of Waste Disposal in Austin.	17
Geologic Factors Affecting Landfills.	18
Site Evaluation Criteria.	21
SITE SPECIFIC INVESTIGATIONS	23
Monitor Well Installation	23
Zilker Park Well.	24
Zilker Park Resistivity Soundings	26
Mabel Davis Park Well	27
Brinkley-Anderson Seep Sample	29
Laboratory Analyses of Water Samples.	31

APPENDICES

LIST OF TABLES

Table 1 - Site Evaluation of Major Austin Area Landfills.	8
Table 2 - Information Sources	13
Table 3 - Possible Contents of Austin Area Landfills.	15

LIST OF FIGURES

Figure 1 - Study Area.	6
Figure 2 - Chronology of Waste Sites In and Around Austin.	11
Figure 3 - Location of Monitor Well, Butler Landfill	25
Figure 4 - Mabel Davis Monitor Well and Surface Water Sampling Locations	28
Figure 5 - Location of Leachate Sampling Point, Brinkley-Anderson.	30



LIST OF PLATES

Plate 1 - Landfill Locations

Page

LIST OF APPENDICES

Appendix A - Individual Site Reports

Appendix B - Additional Sites

Appendix C - Monitor Well Boring Logs and Well Installation Diagrams

Appendix D - Laboratory Analyses Results

Appendix E - Resistivity Soundings 1 through 3 at Zilker Park
(Butler Landfill)




EXECUTIVE SUMMARY

The following conclusions are based on the findings of this report:

- The information reviewed for this project indicates that landfills owned and/or operated by the City of Austin do not contain significant amounts of chemical or industrial wastes. The landfills will probably not cause any major environmental health hazard.
- Several military, institutional, and industrial landfills contain documented hazardous wastes. These sites are regulated by existing state or federal solid waste management programs.
- Four private sites have a high potential to contain hazardous chemical wastes. The City of Austin is not responsible for investigation or remedial work at private waste sites. Because of the potential impact on the Austin environment, however, we recommend a meeting of representatives from the City of Austin and the Texas Department of Health (TDH) to discuss additional investigations of these private sites.
- To assure proper maintenance of closed waste sites, we recommend an annual inspection and supplemental report on the 20 of the 29 landfills presented in individual sections of this report. We also recommend water quality laboratory analyses where a surface expression of landfill leachate or a monitor well can be sampled.

During this study of closed landfill and dump sites by Underground Resource Management, Inc. (URM) for the City of Austin, 66 sites were identified. These sites range in significance from large landfills or those with known hazardous contents to small recreational area trash dumps. This report is complete in the sense that every landfill site



identified during the project by URM is described or listed, even if the site has no apparent environmental impact. It is almost certain, however, that there are small waste disposal sites in and around Austin which remain undocumented. Even though stricter legislation and tighter controls by the City, the Texas Department of Health (TDH), and the Texas Department of Water Resources (TDWR) will prevent most of the past practices which are described in this report, illegal dumping may continue, and new illegal dump sites will probably be used.

In researching locations in and around Austin which are potentially contaminated with hazardous waste materials, a few sites which were not closed landfills were discovered. These sites were used for land disposal of liquid wastes and wastewater, or were where pipes and underground storage tanks had leaked. As a result, areas around Austin have been contaminated with acids, caustics, solvents, and heavy metals. Soils and ground water in Austin may contain concentrations of these or other constituents which are not attributable to landfills. Those waste sites which are not landfills are not included in this report.

All of the landfills and dump sites in this report can be categorized as one of the following: those owned and/or operated by the City of Austin, privately owned and/or operated sites, Travis County sites, and illegal disposal sites. The responsibility and jurisdiction of the City and, therefore, the recommendations in this report, depend upon whether the landfill was operated by the City or by another operator.

Of the City of Austin landfills, only Steiner Landfill was documented to contain any industrial waste. The quantities of industrial or chemical wastes in Steiner are small. The geology below this site is the Taylor Formation, in which groundwater movement is limited. The waste in Steiner is not likely to migrate from the site. / groundwater

URM

monitoring program has been proposed by the City for Steiner Landfill to verify that the wastes will not contaminate a water supply. Water samples from three other landfills operated by the City of Austin were collected during the project. Monitor wells were installed at Mabel Davis and at Butler (Zilker Park) Landfills. Surface water samples were collected at Mabel Davis and Brinkley-Anderson.

The four ground and water surface-water samples were analyzed by URM's laboratory for 139 constituents which have been identified by the U. S. Environmental Protection Agency (USEPA) as priority groundwater pollutants. This list includes several pesticides and toxic organic chemicals. None of the four water samples from Austin landfills contained any of these priority pollutants in detectable quantities. USEPA has also defined concentrations for eight heavy metals as a criteria for toxic waste. The concentrations of these eight heavy metals in the water samples are well below these levels defined by USEPA for hazardous waste. Although some water samples do not meet the standards for drinking water (see Appendix D), they apparently will not significantly degrade the water.


Of the privately owned sites in and around Austin, several sites are being monitored by existing groundwater programs under the jurisdiction of the Texas Department of Health (TDH) or the Texas Department of Water Resources (TDWR). These sites are Austin (Longhorn) Community Disposal, Sunset Farms, the Texaco Chemical Company landfills, and the University of Texas Balcones Research Center. Bergstrom Air Force Base also has a waste disposal site evaluation program conducted by the U. S. Air Force. No recommendations are made in this report for those private sites with monitoring programs in operation. Of the remaining private sites, four have a higher potential for environmental impact than the remainder of the sites because of undocumented reports of chemical

wastes or drums in the waste. These sites are the M. E. Ruby landfill in northwestern Travis County, Hog Hill (Handy's Dump), the Whisenhunt site, and the Wingfield disposal site on US 183. Jurisdiction for these privately operated sites belongs to the TDH and/or the TDWR. It is recommended that the City of Austin coordinate actions with TDH and TDWR to implement a program which would determine whether these sites are impacting the Austin environment.

The remaining solid waste disposal sites in and around Austin are less likely to contribute to groundwater or surface-water contamination. As a minimum landfill control program, however, URM recommends that additional waste disposal sites be added to the list in this report as they are discovered. Each of the sites should be visited annually with these objectives:

- Inspection of the cover for subsidence and erosion;
- Inspection of the perimeter for leachate seepage;
- Collection of water samples for laboratory analysis; and
- Observation of illegal dumping, if it occurs.

The results of the annual field inspections should be reported in writing as a continuing supplement to this report. This report and supplemental reports should be used by City of Austin staff and the Austin Planning Department to protect the landfill cover, to prevent methane migration and collection in or below existing or proposed construction, and to minimize foundation failures from inadequately compacted waste, as well as to protect the ground and surface-water quality in the Austin environment.



INTRODUCTION

The primary purposes of the investigation of closed sanitary landfills by Underground Resource Management, Inc. (URM) for the City of Austin have been:

- To identify and locate closed landfill and dump sites in and around the city;
- To estimate the probable landfill contents and potential for hazardous contents in each site;
- To evaluate the potential for groundwater contamination and/or health hazards associated with each site; and
- To recommend groundwater monitoring or remedial cleanup, where necessary.

The area of study is shown on Figure 1. This is the second report presented to the City of Austin by URM for the Austin Closed Landfill Study. The first report was "Site-Specific Recommendations for the City of Austin Closed Sanitary Landfill Study", presented in January, 1984. In the first report, preliminary background information was presented, and recommendations were made for monitor well installations and sampling at Mabel Davis Park, Winn-Cook Park, the Butler Landfill in Zilker Park, and the Sprinkle Site. A recommendation was also made to sample leachate discharges to Little Walnut Creek from the Brinkley-Anderson landfill site.

This second report by URM discusses the history of waste disposal in Austin, typical landfill waste contents, regulatory aspects of waste disposal in Austin, and geologic factors affecting the potential for waste migration. Monitor well completion diagrams and results of laboratory analysis of the groundwater samples are also presented.

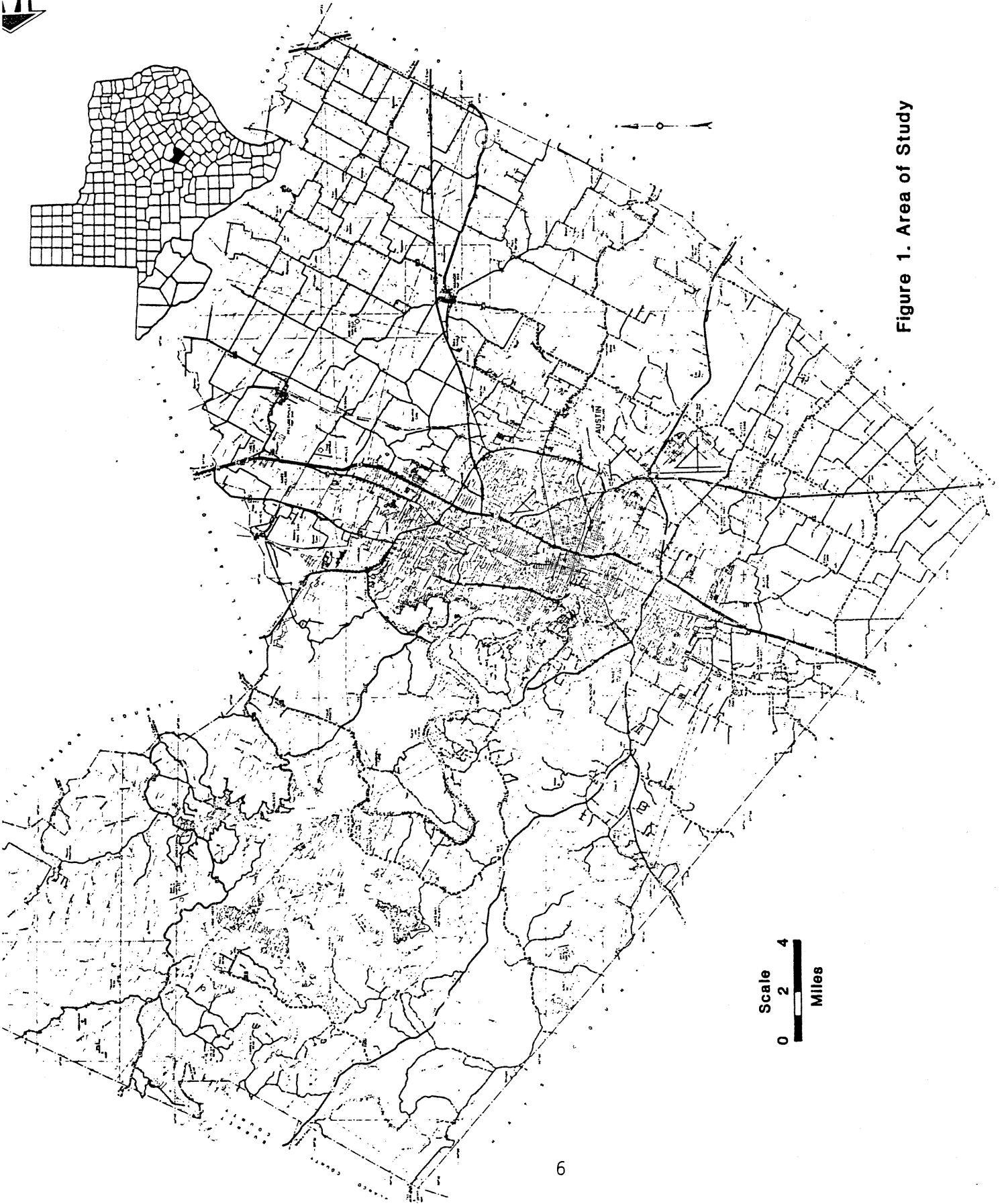


Figure 1. Area of Study

During this project, a total of 66 waste sites in or around Austin were identified by URM. Several of the historical sites were identified by long-time sanitarians or residents of Austin, and the sites may now be unrecognizable as a dump or covered by buildings. Other sites were referenced in newspaper articles with inadequate information to pinpoint their locations. Of the 66 sites, 29 were inspected in the field by a URM geologist. These 29 sites are discussed in individual sections of Appendix A. A summary evaluation of these sites is presented in Table 1. The most significant landfills in and around Austin are included in these 29 sites. Sites which are not necessarily significant and probably present no serious environmental problems are also included in the individual discussions if a URM geologist visited the site. The remaining sites are listed in Appendix B with the information obtained for each site during this project.

All of the disposal sites discovered during this project are discussed either in Appendix A or B, including those which were only used for short times, or those which are small and probably represent nominal environmental impact beyond the aesthetic impact of the waste. This report probably does not include, however, all such small sites which may exist in and around Austin.

History of Waste Disposal in Austin

A chronology of the waste sites in and around Austin for which operating dates are known is shown in Figure 2. The oldest dump site identified in this project operated in the 1200 block of South Congress Avenue from 1927 to 1929. At that time, only small amounts of trash were generated by city residents because garbage was often fed to hogs, and household trash was generally burned. When the City did begin organized trash collection, the volume collected was small and the service was not billed directly to the user. Funds came from general



TABLE 1
 Site Evaluation of Major Austin Area Landfills

Site Name	Geologic Suitability of the Site	Potential for Significant Hazardous Waste Contents	Sensitivity of Local Land Use	Recommendations
1. Airport Dump	Medium - upper Colorado River terrace deposits underlain by Taylor Clay	Low - used by the City for a short period	Low - unused land near the airport	Annual site visit
2. Balcones Research Center	Poor - past contamination of water wells by magnesium, located on Austin Group	Confirmed - known radioactive contents	Low - University Research Facility	Existing ground-water program regulated by TDH
3. Bergstrom Air Force Base	Medium - terrace deposits of the Colorado River and Onion Creek	Confirmed - low level radioactive waste, possibly pesticides, waste paints, thinners, strippers	Low - U. S. Air Force Base	U. S. Air Force program exists
4. Bluff Springs/Knuickols Crossing	Medium - Colorado River terrace deposits underlain by Taylor Clay	Low - used by City for brush, tree trimming	Medium - open land	Annual site visit
5. Brinkley-Anderson	Poor - located adjacent to perennial stream channel, underlain by Dessau limestone of Austin Group	Medium - site closed (1968) before toxic chemicals were commonly disposed	Medium - unused area adjacent to industrial park	Regrading, water sample collection
6. Butler	Poor - on the gravel terraces adjacent to Town Lake underlain by Edwards Formation	Medium - site closed (1968) before toxic chemicals were commonly disposed	High - located in Zilker Park	Ground-water monitoring
7. Grove	Poor - located in quarry pit in Lower Colorado River terraces	Low - small site used for municipal waste only	Medium - open land	Annual site visit
8. Highway 71, Precinct 3	Poor - leachate outflow observed, on the Glen Rose Formation	Medium - used for private and municipal refuse until October, 1976	Medium - remote area used to graze cattle	Annual site visit
9. Hog Hill/Handy's Dump	Medium - site located in a drainage on Taylor Clay and a small part on Upper Colorado River terrace deposits	High - drums and glue were observed on the site	Medium - located beside a dead end street near the City Vehicle Services facility	Coordinate action with TDH



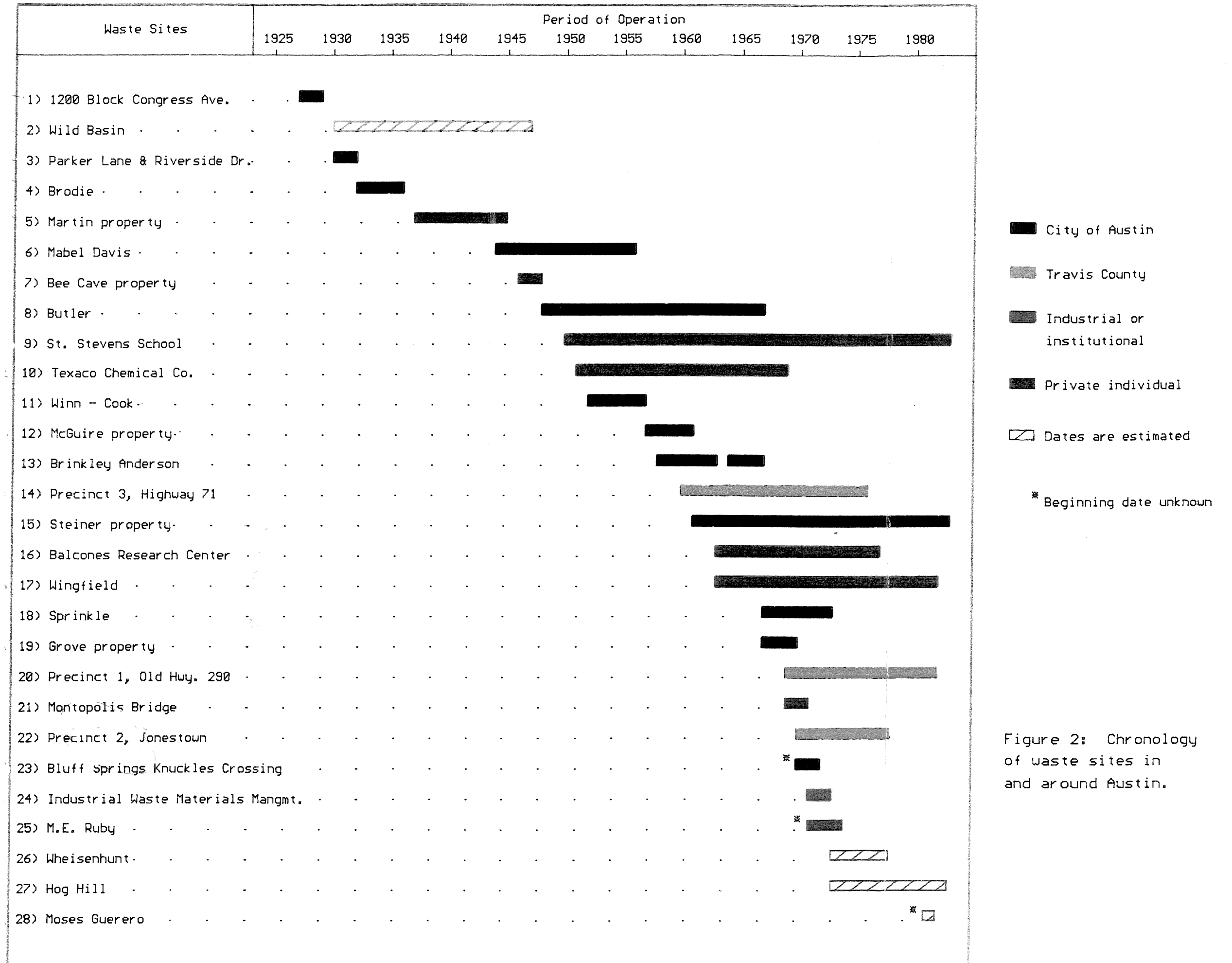
TABLE 1 (Cont'd)
Site Evaluation of Major Austin Area Landfills

<u>Site Name</u>	<u>Geologic Suitability of the Site</u>	<u>Potential for Significant Hazardous Waste Contents</u>	<u>Sensitivity of Local Land Use</u>	<u>Recommendations</u>
10. Industrial Waste Materials Management	Excellent - deep Taylor Clay with low permeability	Confirmed - known drums of waste in the site	Low - land owned and operated by a commercial disposer	Existing Ground-water monitoring program regulated by TDMR
11. Jonestown, Precinct 4	Poor - placed in a limestone quarry pit in the Fredericksburg group of the Edwards	Medium - used by country and private haulers from 1969 to 1980, site gate was attended	Medium - unused land but in an area of rapid expansion	Annual site visit
12. (Longhorn) Austin Community Disposal	Excellent - deep Taylor Clay with low permeability	Confirmed - this site accepts only non-hazardous waste but it includes the area used by Industrial Waste Materials Management	Low - an operating landfill	Ground-water monitoring program exists
13. Mabel Davis	Poor - formerly a sand and gravel pit	Low - municipal waste until 1961, pesticide wastes were removed.	High - park	Ground water monitoring
14. McGuire	Poor - formerly a sand and gravel pit	Low - municipal waste until 1961	Low - open land	Annual site visit
15. M. E. Ruby	Poor - formerly a limestone quarry in the Edwards Formation	High - drums of toxic waste were found adjacent to the fill area	Medium - unused area adjacent to an industrial park and housing development	Coordinate action with TDH
16. Montopolis Bridge	Poor - lower Colorado River terraces, adjacent to river	Medium - illegal dumping by private individuals	High - mobile home park	No action
17. Moses Guerrero	Poor - formerly a gravel pit through which water percolates quickly, near Cottonmouth Creek	Low - mostly brush, dirt, building debris, small amounts of domestic waste	Medium - open land with some low density housing	Annual site visit
18. Old 290, Precinct 1	Excellent - deep Taylor Clay with low permeability	High - Municipal, private, industrial until 1981, some known hazardous contents	Medium - a Flea Market operates on the site	Annual site visit



TABLE 1 (Cont'd)
 Site Evaluation of Major Austin Area Landfills

Site Name	Geologic Suitability of the Site	Potential for Significant Hazardous Waste Contents	Sensitivity of Local Land Use	Recommendations
19. Sprinkle	Medium - located on the Austin chalk Formation	Medium - municipal waste until 1973	Medium - agricultural area with growth potential	Annual site visit
20. Steiner	Good - located principally on the Taylor Group	High - used by Jefferson Chemical to dispose of drums of chemical wastes	Low - operating landfills	Existing program by City of Austin
21. St. Stephen's	Medium - on Glen Rose limestone west of Austin	Low - only used for school waste	High - on private school property	No action
22. Sunset Farms Sanitary	Excellent - deep Taylor clays with low permeability	Low - no hazardous industrial or radioactive materials accepted	Low - an operating landfill	Ground-water monitoring program exists
23. Texaco Chemical	Poor - landfill in Austin chalk with shallow ground water	Confirmed - used as a laboratory waste disposal site	Medium - landfill is on an industrial site surrounded by residential development	Existing program regulated by TDNR
24. Turner	Medium - located in a sand and gravel quarry on a ridge top	Low - site operated by the land owner for municipal and private trash from 1955 - 1957	Medium - adjacent residential use	Annual site visit
25. Webberville-Govalle	Medium - located on Lower Colorado River Terrace deposits	Medium - illegal dumpsite used through the present	Medium - adjacent residential use	Surface water sampling, remove waste piles and prevent further dumping (coordinate with TDH)
26. Whisenhunt	Medium - formerly a pit in the Colorado River floodplain	High - 50 5-gal. cans of solvent from an engraving company, domestic waste	Medium - open, grass-covered field	Coordinate action with TDH
27. Wingfield	Poor - gravel pit crosses stream draining to Carson Creek. Fluvial Terrace Deposits overlies Taylor Clay	High - photos show 55-gal. drums with unidentified contents	Low - commercial area and junk yard	Coordinate action with TDH



■ City of Austin
 ■ Travis County
 ■ Industrial or institutional
 ■ Private individual
 ▨ Dates are estimated
 * Beginning date unknown

Figure 2: Chronology of waste sites in and around Austin.



city taxes.

A change in waste collection came in the 1960's, however, which was initiated by the growing number of businesses and large apartment complexes. Private haulers with large metal trash bins began to service these complexes and businesses. At the same time, the City of Austin began to assess a trash collection fee to the user on utility bills, and more businesses and individuals began using alternative private waste services. These private waste services paid a fee to use county or municipal landfills, or used private land for dumping. As a result of more waste and waste collectors, there was a greater task of controlling disposal. During the same time, the types and volumes of chemical and industrial waste were increasing.

Landfill Contents

The contents of Austin area landfills have been estimated for this report from information in government agency files, conversations with local sanitarians and trash haulers, data on typical municipal refuse contents, and a review of the history of industry and commerce in Austin. A list of sources used for this report is presented in Table 2. General information on the contents of landfills is presented below. Available information on the specific contents of a landfill is also presented in the individual landfill section.

Typically the composition of municipal refuse is:

Paper - 48%	Cloth - 1%
Garbage - 16%	Glass - 6%
Leaves and grass - 9%	Metals - 8%
Wood - 2%	Ashes, stone, dirt - 8%
Synthetic materials - 2%	



TABLE 2

Information Sources


- Clipping files at the Austin American-Statesman with articles pertaining to Austin area landfills.
- Records at the Austin Historical Center with landfill information.
- Mr. John Young, Texas Department of Water Resources Enforcement and Fields Operations District 14, Austin, personal conversation.
- The Agricultural Stabilization and Conservation County Committee. Aerial photographs of Travis County at 1 inch = 600 feet for 1964 and 1973. Older photos at the same scale from the Austin Historical Center.
- File records at the Texas Department of Health including correspondence files and solid waste permit files.
- Landfill files at the Austin Travis County Health Department.
- Files at the Texas Department of Water Resources.
- Chamber of Commerce: Directory of Austin Area Manufacturers, 1932, 1950, 1961-62, 1970, and 1983.
- Former and current employees of the Austin Travis County Health Department, including Mr. Frank Redding, Mr. Lawrence Jones, Mr. Don Kolberg, and Mr. Ervin Coonrod.
- Interviews with representatives of Texaco Chemical Company, the U. T. Balcones Research Center, and Bergstrom Air Force Base.
- URM field visits to 29 sites.
- Seepage survey of the south shore of Town Lake adjacent to the closed Butler Landfill on November 11, 1983, during a period when the lake level was 3 feet below normal pool.
- Telephone interviews with local waste haulers.
- Telephone interviews with Mr. Chester Faulk, City of Austin Electrical Department.
- Rod Kimbro, Texas Department of Water Resources, telephone interview.
- Field trip by Mark Shipper of URM with Mr. Andrew Covar of the City of Austin to the disposal site near Wild Basin.



TABLE 3

Possible Contents of Austin Area Landfills

<u>Material</u>	<u>Potential Sources</u>
Paper and fiber products	Residential, commercial
Plastic, styrofoam	Residential, commercial
Metal cans, scrap	Residential, commercial
Old appliances	Residential
Tires	Residential, commercial
Leaves, grass, yard trimmings	Residential, commercial, City of Austin, University of Texas
Clearing brush	Construction contractors
Putrescible garbage	Residential, agricultural, groceries, restaurants
Construction debris, lumber, masonry, plumbing, fixtures	Construction contractors
Rock, dirt, sand, gravel	Construction contractors
Asbestos	Construction contractors, industry, commercial
Pesticides	Residential, commercial, pesticide companies, Bergstrom Air Force Base
Metal-contaminated sludge	Petroleum industry, metal-finishing industry
Acids or bases	Computer industry
Photographic developer, photo resist stripper	Newspaper, printers, individuals
Paint-thinners	Computer industry, paint manufacturers
Dyes	Computer industry, paint manufacturers
Halogenated and nonhalogenated solvents	Computer industry, paint manufacturers, equipment manufacturers
Laboratory wastes	University of Texas, plastic projects, scientific laboratories, Texas Department of Health Laboratories, Hospitals
Organic chemicals	Computer industry, chemical industry, laboratories
Xylene, xylol	Scientific and computer equipment manufacturers
Pharmaceuticals	Hospitals, residences, medical laboratories
PCB-contaminated material	City electric companies, Bergstrom Air Force Base, University of Texas
Cyanide electroplating bath sludges	Metals finishing, plating industry, scientific equipment manufacturers
Urethane and solvents	Computer industry
Low-level radioactive materials	University of Texas, Bergstrom Air Force Base



This analysis is based on United States Public Health Service data for wet garbage. An analysis of municipal refuse collected by the City of San Antonio showed a similar composition, and these numbers are believed to represent a fair approximation of the composition of Austin waste.

The potential environmental impacts of typical municipal wastes as described above are surface subsidence methane gas generation, and increased concentrations of biochemical oxygen demand, dissolved iron, lead, zinc, magnesium, and nitrogen in leachate generated from a landfill. These constituents can have a negative effect on the ground and surface-water quality.

Another serious environmental concern, however, is hazardous chemical or industrial wastes which are disposed of in a landfill. Even where they are found in relatively small quantities, compared to the total volume of the landfill, they may represent a potential health hazard if they are leached from the landfill to surface or groundwater. Table 2 is a list of the possible contents of Austin landfills including toxic and hazardous materials, and their possible sources.

There are several documented cases of chemical and industrial materials which have been disposed of in closed or existing landfills in and around Austin. These cases are discussed in the individual reports on the Balcones Research Center, Bergstrom Air Force Base, Industrial Waste Materials Management, Mabel Davis, Old 290, Steiner, and Texaco Chemical Company landfills. In addition to these documented reports of hazardous wastes, there are undocumented observations of drums or barrels adjacent to, or in Hog Hill, M. E. Ruby, Whisenhunt, and Wingfield disposal sites. These four sites also have a potential for containing some quantities of hazardous materials.



It is most likely, however, that nearly all of the recent municipal waste disposal sites in Austin have at least small quantities of hazardous chemicals. These chemicals have been generated by industries, businesses, and individuals who have had either no alternative disposal options or no regulatory incentives to bury the waste any place other than the local public or private landfills. Austin is, and has historically been, the home of many businesses which are listed as small quantity hazardous waste generators. These include printers, machine shops, hospitals, furniture strippers, metal platers, computer companies, paint companies, laboratories, and scientific instrument manufacturers. Much of the waste which has been produced by these small generators is buried in Austin landfills.

Chemical wastes generated by Austin commerce and industry may arrive at the landfill in several forms. Specific wastes may be transported by the business directly to the landfill. Since the businesses are generally required to pay a fee at the landfill entrance, there is some informal screening of the waste contents. Files of the Texas Department of Health contain records of inquiries by gate-keepers as to the suitability of waste brought for disposal. Small amounts of chemical waste may also be containerized and disposed of with the regular office and home trash. These items are likely to go unnoticed. A third method of transport of chemicals to sanitary landfills is in septic cleaning tank trucks. These trucks are permitted to pump grit trap wastes, if their waste contains a minimum percentage of solids, into pits at the landfills. If there is a lack of careful monitoring, these trucks may also pump sludges from tanks other than residential septic tanks, and dispose of the material at the landfill.

In addition to the wastes generated locally, hazardous wastes have been imported to landfills in Austin from industries on the Texas Gulf



Coast. Mr. Jack Arsenault and Herb Skinner operated the Industrial Waste Materials Management site for imported waste. Arsenault, or another person, also disposed of drums which were later discovered near the M. E. Ruby Quarry on Highway 183 North, and on a tract of land known as Martin Hill, on F.M. 1325. This was strictly illegal disposal on the part of the person who had contracts to collect waste, but had no place to dispose of it. The drums found near the M. E. Ruby quarry and on Martin Hill were subsequently inventoried by personnel from the Texas Department of Water Resources, and the state initiated disposal in a licensed hazardous waste disposal facility near Robstown, Texas. As far as was determined in that investigation, there were no similar drum sites in Travis County, although there is a possibility that some exist that were never found. During the same time period, 1971-1974, the state and federal governments were developing more restrictive regulations for the disposal of industrial or hazardous waste. Many industries, recognizing the more restrictive regulations which would follow, attempted to rid themselves of stored and accumulated waste on their own properties. Discussions with officials from other municipalities who owned or operated sanitary landfills indicated that they were aware of the potential for loads of industrial wastes out of the Houston, Galveston, Corpus Christi, Texas City, and Port Arthur areas, which are probably disposed of within their sanitary landfills. It is possible that some of these barrels of waste were disposed of in landfills around Austin.

A limited survey was made by telephone of facilities in Austin which generate etiologic, or disease-carrying, waste. Of these facilities, two hospitals, Seton and Holy Cross, use incinerators which are part of their physical plant to dispose of all potentially pathogenic waste. Brackenridge Hospital waste in the same category is transported to an incinerator in Pflugerville. Austin Pathological Services Labora-



tory was also contacted and they either autoclave or incinerate all of their pathogenic waste. Doctor's offices typically autoclave wastes which might be pathogenic or send them to a laboratory.

Another potential source of hazardous waste in Austin is PCB-contaminated oil. PCB was routinely used as a fire retardant in transformer and capacitor oil before 1977. The City of Austin sold used transformers and capacitors with residual PCB oil as scrap metal. Since 1977, the City of Austin's PCB waste has been burned, according to EPA regulations, in an incinerator in Eldorado, Arkansas. All of the capacitors, and most of the transformers, have now been modified to use non-PCB oil. Texas Electrical Co-op has also used PCB oil in transformers and capacitors for 30 years. The Co-op now sends all PCB-contaminated oil to Kansas City, but prior to 1977 it was sold for fuel oil or road oiling. Some PCB-contaminated oil or metal may be disposed in Austin landfills.

Regulatory Aspects of Waste Disposal in Austin

Municipal waste disposal in the City of Austin and in Travis County is regulated by the Texas Department of Health (TDH) under the authority of these Texas laws:

- The Solid Waste Disposal Act (1969),
- Texas Health and Sanitation Laws (1945),
- The County Solid Waste Control Act (1971), and
- The Litter Abatement Act (1981).

Additional authority was given to TDH to regulate municipal hazardous waste under the Federal Resource Conservation and Recovery Act (RCRA), enacted in 1976. Within the authority of these laws, TDH has developed Departmental Municipal Solid Waste Management Guidelines.



When the Texas Department of Health began its regulatory program in 1969, all existing landfill operations were permitted under a grandfather clause. Guidelines were issued to cover basic problems of disease vectors, adequate cover, site drainage, burning, and washout. The Municipal Solid Waste Rules, Standards, and Regulations were updated in 1970 to regulate open burning and fire protection, to confine unloading to the smallest possible area, to prevent windblown waste, and to provide a separate area for heavy or bulky items.

It was not until the mid-1970's that the environmental impacts of landfills on air quality and surface and ground water were considered. By 1976, all public and private municipal waste disposal sites were required to operate by permit. Trash burning was no longer allowed. As part of their permit application process, landfill operators were required to submit information on the depth to ground water below the site, and distance to surface water. The Texas Department of Health began to exercise stricter control on the compaction and daily cover requirements.

Since the mid-1970's the state landfill records have generally included information on the owner and operator, the general class of wastes received, the type of operation, and inspection reports. For this report to the City of Austin, these records have been useful to establish the times of operation, the general character of the waste, and whether the landfill was operated within TDH guidelines. The information is not adequate, however, to establish definitively either the contents of the waste site or the potential for leachate migration.

Geologic Factors Affecting Landfills

Geologic factors which affect the suitability of a location for a landfill site are the permeability of the underlying formation, the



depth and quality of groundwater, the effectiveness of intervening layers as barriers to leachate migration, and the surface topography. Landfills in Travis County are located on or in these formations: recent alluvial deposits of the Colorado River and its tributaries, upper Colorado River terrace deposits, the Austin, the Taylor and Navarro Groups, the Edwards Formation, and the Glen Rose.

Many of the landfills are located in sand and gravel quarry pits along the Colorado River and its tributaries. The original quarries were excavated for alluvial material deposited by the river system. The alluvium is typically underlain by the relatively impermeable Taylor or Navarro Groups. These quarry pits were selected as landfill sites because they were an available hole, and they could be filled to reclaim otherwise unusable land. The disadvantages of these sites are that the alluvium is relatively permeable to landfill leachate. Since these landfills are often located near rivers or streams, the leachate may migrate to the river and, during high water conditions in the river or stream, groundwater may rise and mix directly with the waste. Where the waste is located above the high water table level, leachate may migrate vertically until the groundwater, or a less permeable layer, is encountered. A well-graded and compacted cover on these landfills is important to minimize infiltration and leachate generation.

Four sites identified in this study are located in the Austin Chalk Formation. These sites are the Balcones Research Center Landfill, Brinkley-Anderson, Texaco Chemical Company landfill, and the Sprinkle site. The Austin Chalk consists of light gray chalk, limy marl, and chalky limestone with small amounts of bentonite, glauconite, and pyrite nodules. The formation yields small quantities of water from cracks and faults in the outcrop area. This groundwater is typically under water table conditions and subject to contamination. The coefficient of



transmissibility in the Austin chalk ranges from 2 to 200 gpd. ft., based on the reported results of the Texaco Landfill monitor wells. Landfills located in this formation could produce leachate which may in turn migrate into these shallow groundwaters.

Of the formations which outcrop in Travis County, the Navarro and Taylor Groups are the most ideally suited for landfill locations. These groups are massive beds of shale and marl with clayey chalk, and are as thick as 1,200 feet in Travis County. Although in some locations the Navarro and Taylor may yield very small amounts of fresh to moderately saline water, their low permeability is generally an effective limit to leachate migration.

Two landfills, the M. E. Ruby and the Jonestown County Landfills in northwestern Travis County, are located in the Edwards and Fredericksburg Formations. These formations are important groundwater aquifers in Travis County along the Balcones Fault Zone. Water in the Edwards Aquifer flows through faults, joints, and underground solution channels, which can be cavernous. Although in the Balcones Fault Zone the aquifer usually occurs under artesian conditions west of the fault zone and below the waste sites, the aquifer is not completely saturated, and water table conditions prevail. Water leaching from these landfills would have the potential to contaminate local groundwater.

Landfills in the outcrop of the Glen Rose Formation were identified south of the Colorado River and west of the Mount Bonnell Fault. The Glen Rose Formation consists of an upper member and a lower member. The upper member is alternating beds of limestone, dolomite, shale, and marl, with some anhydrite and gypsum. The upper and lower members are separated by the fossiliferous Corbula Martinae Bed. This formation contains small to moderate amounts of groundwater in fractures and



joints. Where the groundwater encounters a bed of less permeable marl in its downward migration, the water may move laterally to a surface seep. This situation apparently occurred at the Highway 71 County Landfill, and resulted in a seep of water with landfill leachate into a drainage below the site.

Site Evaluation Criteria

The URM evaluation of the potential for significant hazardous chemical and industrial wastes in the landfill was based on these factors:

- Records of hazardous wastes in landfill files;
- Documented, photographed, and undocumented observations of hazardous waste at a site;
- Documented and undocumented reports of drums or other containers likely to contain chemical waste;
- Disposal site users;
- Period of landfill operation relative to the time during the 1970's when large inventories of hazardous wastes were disposed; and
- The opportunities for illicit dumping based on landfill fences, maintenance personnel, and security.

At several sites, one of the first three factors provides definitive information that a landfill was used to dispose of potentially hazardous wastes. In the absence of reported hazardous wastes, however, it is extremely difficult to make a responsible determination that a site is "safe" or "clean". On many sites, the only available information consists of the operator and the dates of operation. This information provides some clues from typical waste disposal practices during the period of operation. Generally, sites which were used only for municipal waste, sites which were closed before 1965 and were fenced, sites with a



site operator, or those which were operated for a short time are judged to have a low potential for significant hazardous waste contents. The Mabel Davis site, however, is an example of a site which, based on these criteria, would be rated as a low potential. Illegal dumping apparently occurred after the site was closed, however, and significant amounts of pesticide were later accidentally uncovered. Rainfall runoff over the site dissolved the exposed pesticide and contaminated the stream below the site.

Every waste disposal site in Travis County potentially contains some hazardous wastes. At many sites, like St. Stephen's School, the amount of wastes is probably very small. The objective of the URM evaluation is to identify those sites where the potential for significant groundwater contamination is high, and where additional groundwater monitoring may be warranted. All waste sites, however, should be handled with an awareness of the possibility that the site may contain hazardous materials.




SITE SPECIFIC INVESTIGATIONS

Monitor Well Installation

During this study, 66 closed landfill sites or dumping areas were identified. Of those, 13 were reportedly used by the City. After a preliminary review of the sites, which included site visits, file searches, and interviews with retired City Sanitation Department workers, four sites were selected for field investigation. One criteria for selection was that the sites be representative of the other landfills used by the City, since only a limited number of wells could be drilled. Selection was also based on the present use of the closed landfills and their potential for environmental impact. The sites recommended were Zilker Park, Mabel Davis Park, Winn-Cook Elementary School, and the Smith property (Sprinkle Cut-off Road).

Monitor wells were drilled at Zilker Park and Mabel Davis Park. Wells were also planned for Winn-Cook and the Smith property, but were not drilled because access to the property was not authorized by the landowner. After the two monitor wells were installed, they were bailed dry on three different occasions. As they recovered after each bailing, groundwater stored within the fill material entered the well. This process ensured that when the groundwater sample was taken, it would be from the fill material. In addition to the well samples, a surface water sample was collected from the perennial stream that crosses the fill material at Mabel Davis Park, and a sample was collected from a seep along Little Walnut Creek, adjacent to the closed Brinkley-Anderson landfill.

The monitor wells were drilled using an 8-inch hollow-stem auger. With this drilling method, water is not added to circulate the cuttings to the surface. Instead, the hole is drilled dry, and the cuttings are

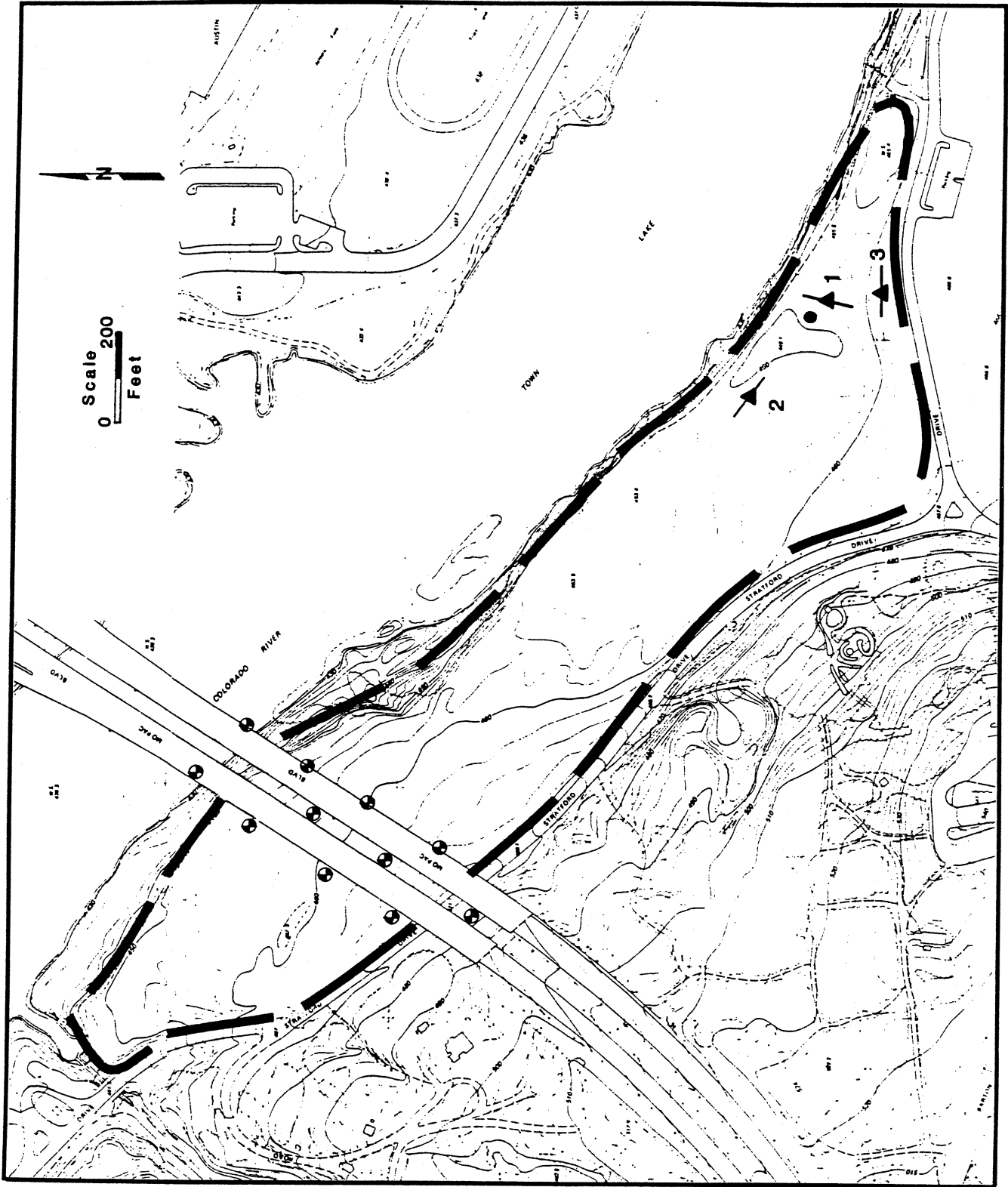


carried to the surface by the fluted edge of the auger. Samples were taken at 5-foot intervals through the hollow-stem auger as drilling progressed with either a Shelby push-tube or a split-spoon sampler. The wells were cased with 2-inch (inside diameter) Schedule 80 PVC pipe. A 10-foot length section of 0.01 gauge well screen was set opposite the water-bearing zone. The screen was wrapped with filter cloth material (Mirafi®) to prevent fine mud and silt from entering the well. The well was gravel packed with number 2 filter sand, opposite the screened interval. Granular bentonite, a low permeability expansive clay, was used to seal the annulus from the top of the gravel pack to the surface.

Water samples were collected from the wells with a bailer. The wells were bailed a few days prior to sampling. This was necessary due to the slow recovery of the wells after bailing, which took from tens of minutes to a few days to return to static water level. Each well had its own bailer so that the wells were not cross-contaminated during sampling. The well casings are covered by a steel pipe with a locking cap.

Zilker Park Well

The well at Zilker Park is completed in fill material, and is located near the southeast end of the landfill (Figure 3). It was drilled February 21, 1984. During drilling, old rags, paper, plastic, and a light bulb were brought up with the cuttings, so it is fairly certain that the well is located on fill material. The bottom of the fill was at 19 feet. Sand and gravel were penetrated from 19 feet to the total depth of 26 feet. The Edwards Limestone underlies the landfill, but was not reached, although it is probably within a few feet of the total depth. During drilling, as the borehole was advanced, water was encountered at a depth of about 9 feet. Below that depth, the fill material became a spongy, muddy slurry created by the mixing action of



- Approximate Locations of Texas Highway Department Soil Borings
- Approximate Fill Boundary
- Monitor Well Location
- ▲ Resistivity Sounding Station

Fig. 3. Location of Monitor Well, Butler Landfill


the augers. Consequently, when the gravel pack was added to fill the annulus around the well screen, it settled slowly due to the viscosity of the borehole liquid. As a result, the permeability of the gravel pack is low, probably similar to the permeability of the fill material. After bailing, the well takes several hours to recover. The well construction figure is in Appendix C. Water level data is included on the well construction diagram. Results of the groundwater analyses are presented in Appendix D and are discussed in a separate section of this report.

Zilker Park Resistivity Soundings

Three resistivity soundings were made at Zilker Park on July 3, 1984. The electrical resistivity method provides a method for shallow subsurface characterization by means of electrical measurements taken on the surface. Electrical current is forced to flow through two electrodes (which are driven into the ground) and passes through earth material. The resulting drop in voltage is measured across two other electrodes. The amount of voltage drop is related to the conductive properties of the soil and/or underlying rock units, and also to the degree of saturation of the sediments and to the water quality.

Resistivity soundings are used to determine variations of subsurface conditions with depth. Increasing the electrode spacing between successive measurements yields information from increasing depths.

Locations of the three resistivity soundings are shown on Figure 3. The Wenner Configuration of Electrode spacing was used. Sounding No. 1 was made 30 feet east of the monitor well, ZP1, which was installed during this study. The plots of the Barnes' layer method and Moore's cumulative methods are included in Appendix E. The electrode spacing roughly correlates to depth. The Moore plot of Sounding 1 shows a sharp



slope break at an electrode spacing of about 12 feet, and probably indicates the top of the saturated zone. The Barnes' plot shows a zone of low resistivity extending from an electrode spacing 12 to 30 feet, and this may correspond to the layer of saturated fill material. That interpretation does not totally agree with what was found at the nearby monitor well, where drilling samples indicated the bottom of the fill to be at about 19 feet below land surface. Beyond an electrode spacing of 33 feet, the Barne's plot indicates a zone of high resistivity which may correspond to the top of the underlying Edwards Limestone.

The results of Soundings 2 and 3 show similar patterns. Interpretation of resistivity data for depth determinations requires some skill and experience, and an accuracy within 10 to 20 percent is often all that can be expected (Bison Instruments Instruction Manual, 1975). Actual soil boring and monitor well installation, although more costly, provides reliable subsurface information as well as providing a monitoring point for groundwater sampling.

Mabel Davis Park Well

At Mabel Davis Park, fill material is located in two converging valleys. The valleys are drained by perennial streams which have average flows of 5 to 10 gpm. The streams cross the surface of the fill material and join below the filled areas. The well at Mabel Davis is located on fill material near the toe of the northwest waste body (Figure 4). At the well, fill material extends from the surface to a depth of 10 feet. Underlying the fill is the Taylor Clay, which is a shaley, yellow-gray, fossiliferous clay. The hole was advanced through the fill and an additional 5 feet into the clay to a total depth of 15 feet. Well construction is similar to that described for the Zilker Park well. The well screen is set from 5 to 15 feet below the land surface. Static water level is 5.7 feet below the land surface. Well construction is

REFERENCES

- CH2M Hill, "Installation Restoration Program Records Search for Bergstrom Air Force Base, Texas", July, 1983.
- Clark, Thomas P., Hydrogeology, Geochemistry, and Public Health Aspects of Environmental Impairment at an Abandoned Landfill Near Austin, Texas. Master's thesis. University of Texas at Austin, 1972.
- Covar, Andrew, "Preliminary Report on the Northwest Hills Dump Site". Staff report prepared by the City of Austin, Texas, August 3, 1981.
- Department of Planning, City of Austin. "Austin Tomorrow Environment; a Analysis of Pollution and Natural Features in Austin and Travis County, October, 1974.
- E₂O Consultants, "A Groundwater Study of the Texaco Chemical Company Austin Laboratory Site, Austin, Texas". College Station, Texas, July 15, 1980.
- E₂O Consultants, "A Shallow Groundwater Recovery System; Texaco Chemical Company Austin Laboratory Site, Austin, Texas". College Station, Texas, July 21, 1981.
- Garner, L. E., Young, K. P. "Environmental Geology of the Austin Area: An Aid to Urban Planning". Bureau of Economic Geology Report No. 86, 1976.
- Hagerty, D. J., Pavoni, J. L., Heer, J. E., "Solid Waste Management". Van Nostrand Reinhold Company, 1973.
- Henningson, Durham and Richardson, "City of Austin, Texas Sanitary Landfill Permit Application". November, 1983.
- Parks and Recreation Planning Assoc., City of Austin. "Southeast District Park Site Grading and Drainage Improvements: C.T.P. Project No. 8667 Ø".
- Texas Department of Water Resources, "Hydrogeologic Investigation in the Vicinity of the Balcones Research Center, the University of Texas, Austin, Travis County, Texas, 1978.
- Texas Department of Water Resources, "Occurrence, Ability, and Quality of Groundwater in Travis County". TDWR Report 276, June, 1983.

Appendix A
Individual Site Reports



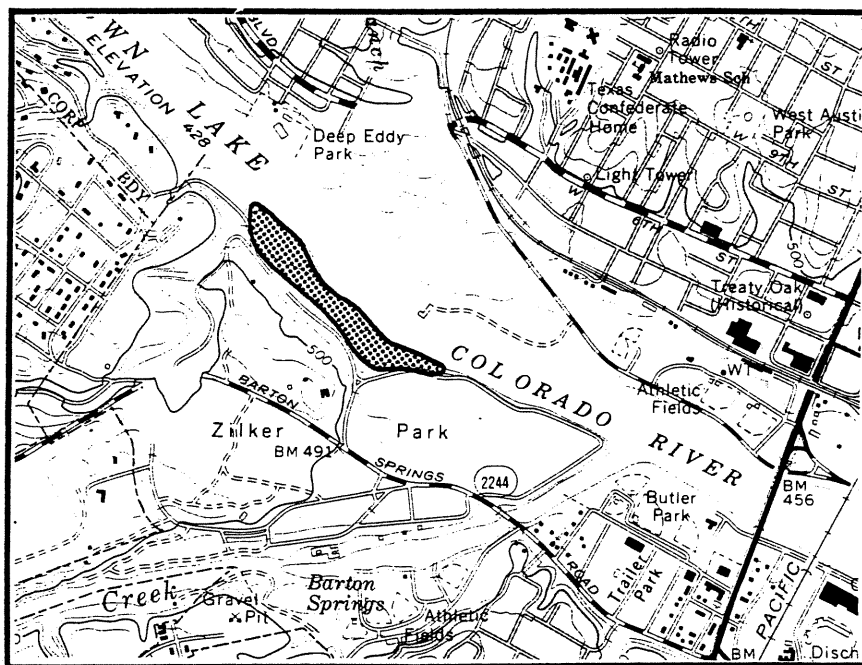
APPENDIX A
TABLE OF CONTENTS

	<u>Page</u>
Airport Dump	A- 1
Balcones Research Center	A- 3
Bergstrom Air Force Base	A- 6
Bluff Springs/Nuckols Crossing	A- 9
Brinkley-Anderson.	A-10
Butler Landfill.	A-13
Grove.	A-16
Highway 71, Precinct 3	A-18
Hog Hill, Handy's Dump	A-20
Industrial Waste Materials Management.	A-22
Jonestown Precinct 2	A-24
(Longhorn) Austin Community Disposal	A-26
Mabel Davis.	A-30
McGuire.	A-33
M. E. Ruby	A-34
Montopolis Bridge.	A-36
Moses Guerrero	A-37
Old 290 Landfill	A-39
Sprinkle	A-43
St. Stephen's School	A-46
Steiner.	A-47
Sunset Farms Sanitary Landfill	A-50
Texaco Chemical Company.	A-52
Turner	A-55
Webberville-Govalle.	A-57
Whisenhunt	A-59
Wild Basin	A-61
Wingfield.	A-63
Winn-Cook.	A-65



BUTLER LANDFILL

 Landfill or Dump Area




Base taken from U.S.G.S. Austin West, Tx. Topographic Quadrangle.

Scale



The Butler landfill was operated by the City of Austin from 1948 to 1967. It was operated exclusively for municipal waste, but it was an uncontrolled site and may contain some waste from other sources. The landfill is located on the south shore of Town Lake and extends from a small creek west of MoPac highway east about 2,500 feet into Zilker Park. The average width is 500 feet. Based on average dimensions of 2,500 feet by 500 feet by 20 feet deep, the site would contain approximately 100,000 cubic yards of refuse.

Aerial photographs on file at the Agricultural Stabilization and Conservation Committee in Austin indicate that the eastern end of the dump was filled last. Differential settlement has occurred since the closure of the dump and the surface, especially in the eastern part,




contains several closed depressions, a few of which are several feet deep. Some depressions contain water year-round, and a pipe has been placed to allow these to drain to Town Lake. Other depressions contain water only after a rain. The area is now part of Zilker Park and the dump site is grass-covered and mowed periodically.

The municipal waste disposed at Butler was used to fill an old gravel pit that had been mined for sand and gravel from low terrace deposits of the Colorado River. The terrace deposits are underlain by the Edwards Limestone in all areas of the landfill. The site is adjacent to, and parallels about 1/2 mile of the south shore of Town Lake in the vicinity of the Mopac bridge.

The Mopac bridge was constructed in the early 1970's across Town Lake. Many of the bridge support pillars are located within the area of the old landfill. At that time, soil borings were made to find the depth to the bedrock. These boring logs indicate that the thickness of the landfill materials ranges from 20 to 30 feet. In some holes, the landfill material rests directly upon the Edwards Limestone. In the majority of borings, however, the waste body was underlain by 5 to 10 feet of gravel, sand, or clay which, in turn, rest upon the Edwards. The elevation of the Edwards/gravel contact under Mopac bridge is 5 to 10 feet below the pool elevation of Town Lake. Therefore, one could expect that the deeper sections of the landfill would be saturated, or at a minimum, the sand and gravel that underlie the fill would be saturated.

During the week of November 6 to 11, the water level of Town Lake was lowered three feet for work on Longhorn Dam. This provided an opportunity to walk the shoreline adjacent to the landfill. Under these conditions, seepage to the river would be easy to see as it crossed the



muddy fringe created by the lowering of the lake. The shoreline was walked November 11, but no seepage was observed either at the shoreline or at any point along the base of the tree-covered slope that drops off to the lake.

A monitor well was installed at this landfill in February, 1984. Water quality samples were collected in May. A resistivity survey was also conducted at this site. The results of the analysis of the water samples show no concentrations of any constituent which would be defined by the USEPA as hazardous. The laboratory results are presented in Appendix B. Annual sampling of the monitor well and analysis of the water for those constituents tested for this report is recommended.

APPENDIX C
Monitor Well Boring Logs and Well Installation Diagrams

APPENDIX D
Laboratory Analyses Results

The results of the laboratory analyses which follow are blocked into four groups. The first group, conductivity, pH, and total dissolved solids, are standard tests which are used generally to characterize water. Dissolved solids is the parameter used to identify water as fresh (less than 3,000 mg/L) or saline. The second group, alkalinity through sulfates, are inorganic ions which are typically found in all ground water at varying concentrations. Primary drinking water standards (Table D-1) set maximum concentrations for most of these ions.

The next set of constituents, antimony through zinc, are metals. Several of these metals have been defined by the USEPA to be toxic in concentrations higher than the minimum values in Table D-2. Several of the remaining metals, notably zinc, are typically found in landfill leachate. The last group of constituents, acenaphthene through toxaphene, are organic chemicals which comprise the USEPA list of priority pollutants. All of these constituent concentrations are expressed in terms of less than (<) a particular concentration. Results in this form do not indicate that the chemical is present, but that at the minimum concentration which can be detected by sampling and laboratory methods, the chemical is absent.

Client : CITY OF AUSTIN
 Facility :

Proj # : 83-901
 Lab ID # : 7579

Sample : SILKER

Date Taken : 5/30/84

Date Received : 5/31/84

Results of Sample Analysis

Conductivity	4300	umhos/cm
pH	7.1	
Solids/Dissolved	2200	mg/l
Alkalinity	1400	mg/l
Chloride	INTERFER.	mg/l
Fluoride	0.25	mg/l
Nitrate-N	0.25	mg/l
Sulfate	<2	mg/l
Antimony	<1	mg/l
Arsenic	<0.001	mg/l
Beryllium	<0.01	mg/l
Cadmium	<0.01	mg/l
Calcium	132	mg/l
Chromium	<0.05	mg/l
Copper	<0.01	mg/l
Lead	0.07	mg/l
Magnesium	84	mg/l
Mercury	<0.001	mg/l
Nickel	<0.05	mg/l
Potassium	153	mg/l
Selenium	<0.001	mg/l
Silver	<0.01	mg/l
Sodium	336	mg/l
Thallium	<0.05	mg/l
Zinc	0.32	mg/l
Acenaphthene	<10	ug/L
Acenaphthylene	<10	ug/L
Anthracene	<10	ug/L



Client : CITY OF AUSTIN
Facility :

Proj # : 83-901
Lab ID # : 7578
(continued)

Benzidine	<10	ug/L
Benzo (a) Anthracene	<10	ug/L
Benzo (a) Pyrene	<10	ug/L
3-4-Benzofluoran- thene	<10	ug/L
Benzo (ghi) Perylene	<10	ug/L
Benzo(k)Fluoran- thene	<10	ug/L
bis(2-Chloroethoxy) Methane	<10	ug/L
bis(2-Chloroethyl) Ether	<10	ug/L
bis(2-Chloroiso- propyl)Ether	<10	ug/L
bis(2-Ethylhexyl) Phthalate	<10	ug/L
4-Bromophenyl Phenyl Ether	<10	ug/L
Butyl Benzyl Phthalate	<10	ug/L
2-Chloronaphthalene	<10	ug/L
1-Chlorophenyl Phenyl Ether	<10	ug/L
Chrysene	<10	ug/L
Dibenzo(a-h) Anthracene	<10	ug/L
1-2-Dichlorobenzene	<10	ug/L
1&3-Dichlorobenzene	<10	ug/L
1-4-Dichlorobenzene	<10	ug/L
3-3'-Dichloroben- zidine	<10	ug/L
Diethyl Phthalate	<10	ug/L
Dimethyl Phthalate	<10	ug/L
Di-N-Butyl Phthalate	<10	ug/L
2-4-Dinitrotoluene	<10	ug/L
2-6-Dinitrotoluene	<10	ug/L
Di-N-Octyl Phthalate	<10	ug/L
1-2-Diphenylhydra- zine(Azobenzene)	<10	ug/L



Client : CITY OF AUSTIN
Facility :

Proj # : 83-901
Lab ID # : 7579 b
(continued)

Fluoranthene	<10	ug/L
Fluorene	<10	ug/L
Hexachlorobenzene	<10	ug/L
Hexachlorobutadiene	<10	ug/L
Hexachlorocyclo- pentadiene	<10	ug/L
Hexachloroethane	<10	ug/L
Indeno(1-2-3-cd) Pyrene	<10	ug/L
Isophorone	<10	ug/L
Naphthalene	<10	ug/L
Nitrobenzene	<10	ug/L
N-Nitrosodimethyl amine	<10	ug/L
N-Nitrosodi-N- propylamine	<10	ug/L
N-Nitrosodiphenyl- amine	<10	ug/L
Phenanthrene	<10	ug/L
Pyrene	<10	ug/L
1-2-4-Trichloroben- zene	<10	ug/L
2-Chlorophenol	<10	ug/L
2-4-Dichlorophenol	<10	ug/L
2-4-Dimethylphenol	<10	ug/L
4-6-Dinitro-o-cresol	<10	ug/L
2-4-Dinitrophenol	<10	ug/L
2-Nitrophenol	<10	ug/L
4-Nitrophenol	<10	ug/L
p-Chloro-m-cresol	<10	ug/L
Pentachlorophenol	<10	ug/L
Phenol	<10	ug/L
2-4-6-Trichloro- phenol	<10	ug/L
Acrolein	<100	ug/L
Acrylonitrile	<100	ug/L
Benzene	<10	ug/L

Client : CITY OF AUSTIN
 Facility :

Proj # : 83-901
 Lab ID # : 7579
 (continued)

bis(Chloromethyl) Ether	<10	ug/L
Bromoform	<10	ug/L
Carbon Tetrachloride	<10	ug/L
Chlorobenzene	<10	ug/L
Chlorodibromomethane	<10	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl Ether	<10	ug/L
Chloroform	<10	ug/L
Dichlorobromomethane	<10	ug/L
Dichlorodifluoro- methane	<10	ug/L
1-1-Dichloroethane	<10	ug/L
1-2-Dichloroethane	<10	ug/L
1-1-Dichloroethylene	<10	ug/L
1-2-Dichloropropane	<10	ug/L
1-2-Dichloropropene	<10	ug/L
Ethylbenzene	<10	ug/L
Methyl Bromide	<10	ug/L
Methyl Chloride	<10	ug/L
Methylene Chloride	<10	ug/L
1-1-2-2-Tetrachloro- ethane	<10	ug/L
Tetrachloroethylene	<10	ug/L
Toluene	<10	ug/L
1-2-trans-Dichloro- ethylene	<10	ug/L
1-1-1-Trichloro- ethane	<10	ug/L
1-1-2-Trichloro- ethane	<10	ug/L
Trichloroethylene	<10	ug/L
Trichlorofluoro- methane	<10	ug/L
Vinyl Chloride	<10	ug/L
Aldrin	<10	ug/L
alpha-BHC	<10	ug/L

Client : CITY OF AUSTIN
Facility :

Proj # : 83-901
Lab ID # : 7579
(continued)

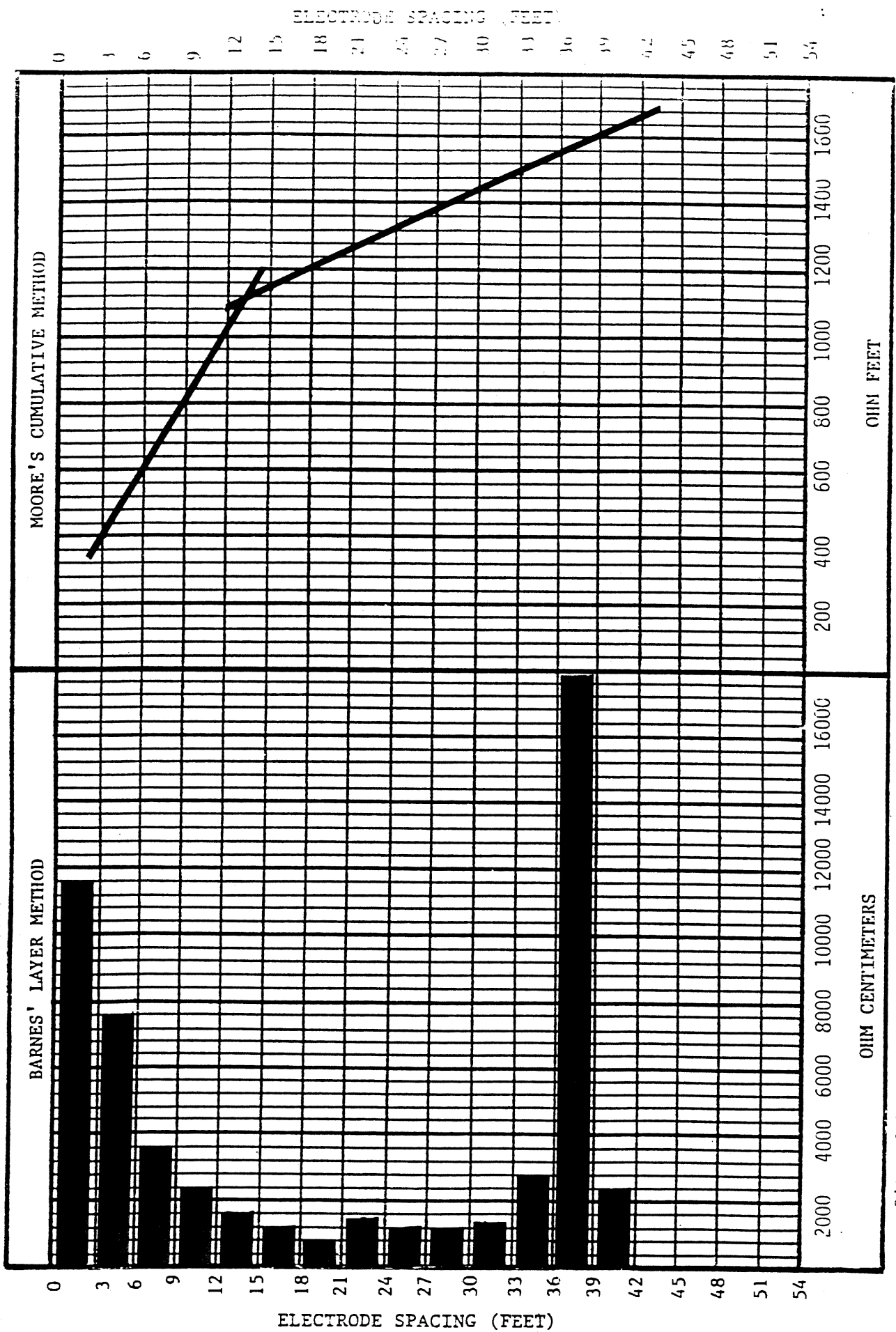
beta-BHC	<10	ug/L
gamma-BHC	<10	ug/L
delta-BHC	<10	ug/L
Chlordane	<10	ug/L
4-4'-DDE	<10	ug/L
4-4'-DDE	<10	ug/L
4-4'-DDD	<10	ug/L
Dieldrin	<10	ug/L
alpha-Endosulfan	<10	ug/L
beta-Endosulfan	<10	ug/L
Endosulfan Sulfate	<10	ug/L
Endrin	<10	ug/L
Endrin Aldehyde	<10	ug/L
Heptachlor	<10	ug/L
Heptachlor Epoxide	<10	ug/L
Arochlor 1016	<10	ug/L
Arochlor 1221	<10	ug/L
Arochlor 1232	<10	ug/L
Arochlor 1242	<10	ug/L
Arochlor 1248	<10	ug/L
Arochlor 1254	<10	ug/L
Arochlor 1260	<10	ug/L
Toxaphene	<10	ug/L

U
R
A

APPENDIX E
Resistivity Soundings 1-3 at Zilker Park (Butler Landfill)

Ground Surface Elevation 451'

Graph For Resistivity Sounding



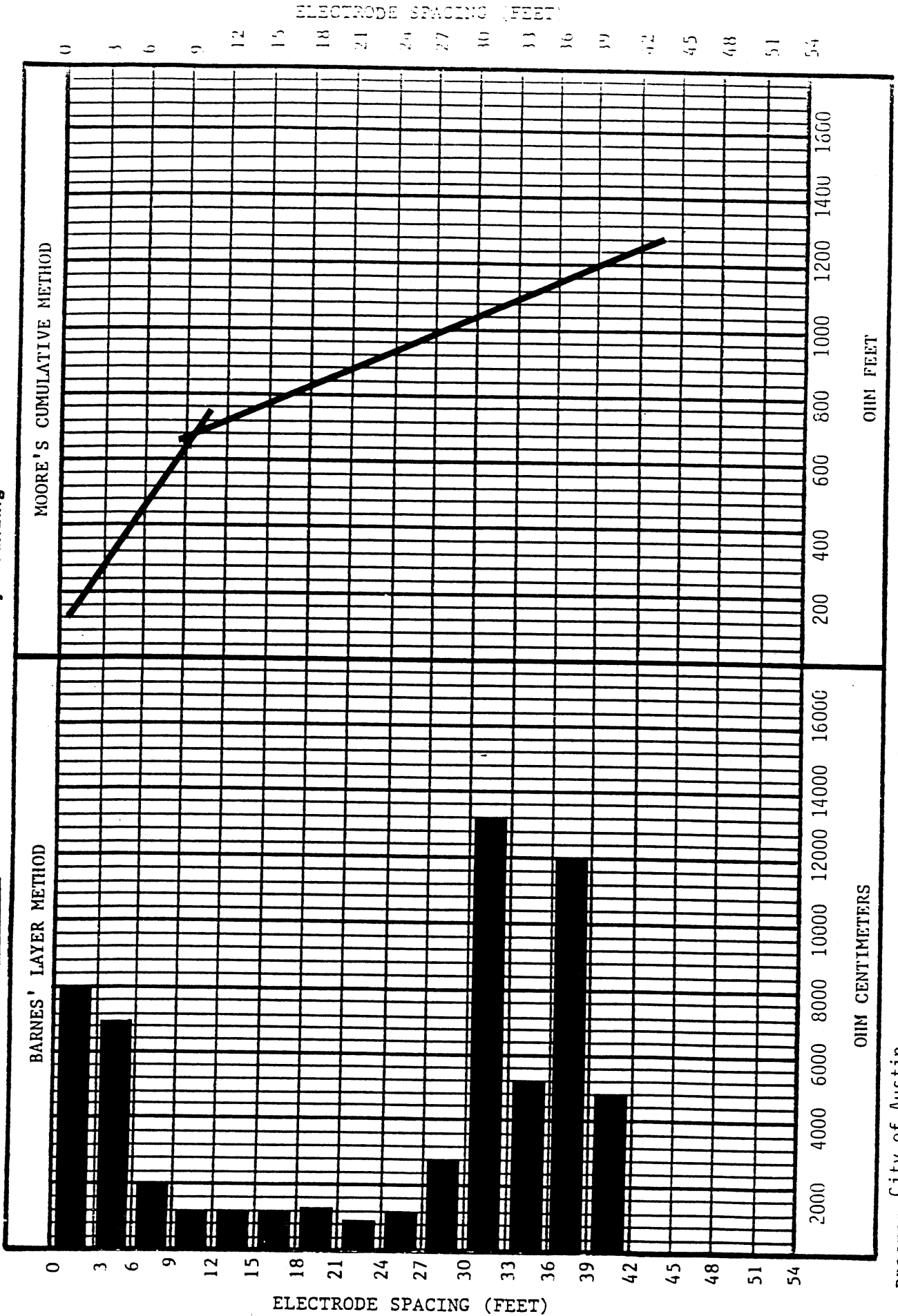
PROJECT City of Austin
Butler Landfill

SOUNDING NO. 1



Graph For Resistivity Sounding

Ground Surface Elevation 453'

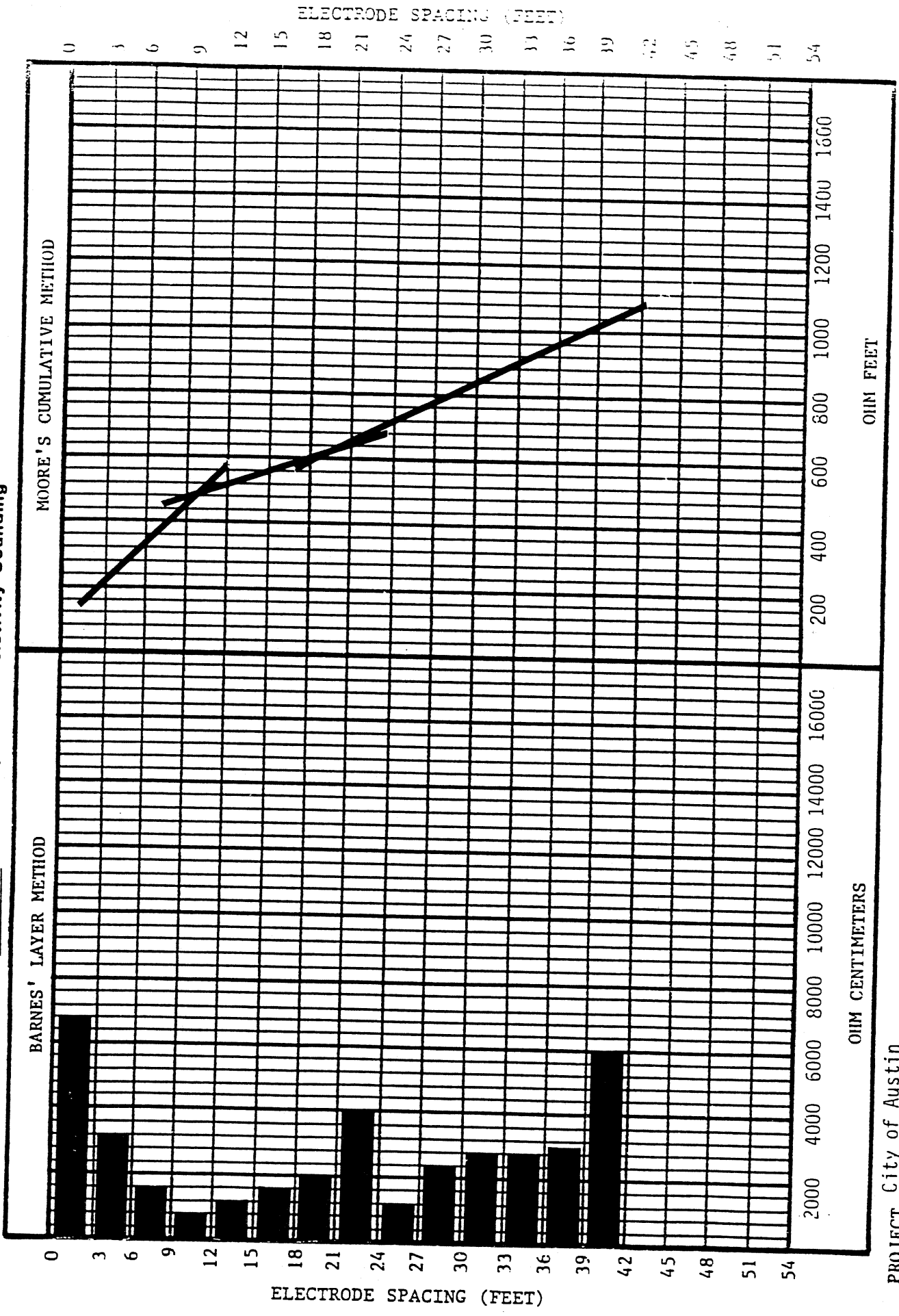


PROJECT City of Austin
Butler Landfill

SOUNDING NO. 2



Ground Surface Elevation 464' Graph For Resistivity Sounding



CITY OF AUSTIN
HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION: IDA Zilker Park Maintenance
 BUSINESS NAME
2221 Barton Springs
 STREET ADDRESS, ZIP CODE

TEST DATE: 5-6-86
 TEST TYPE: Petro-tite

OWNER/CONTACT: C.E. McComant
 NAME
Harold Court 78721
 STREET ADDRESS, ZIP CODE
928-1492
 TELEPHONE NUMBER

BLDG PERMIT # 1 DATED
 HMS PERMIT # X-9-00165-5 1 DATED

CONTRACTOR/TESTER: Duster
 BUSINESS NAME
Tony Christ
 TESTER/JOB FOREMAN NAME

NEW FACILITIES:
 WATER BALLASTING
 PRECISION TANK TEST

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
<u>Reg 550</u>	<u>Steel</u>		<u>Tight 87.0114</u>

LINE TEST DATA:

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS

Not Witnessed

INSPECTOR'S SIGNATURE

(HMS 528 G/H)

CITY OF AUSTIN
 HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
 TANK/LINE TEST DATA SHEET

LOCATION: Zilker Park Maint
 BUSINESS NAME
Barton Springs
 STREET ADDRESS, ZIP CODE

TEST DATE: 6-17-88

TEST TYPE: Volumetric

OWNER/CONTACT: _____
 NAME

BLDG PERMIT # _____ DATED _____

STREET ADDRESS, ZIP CODE

00165 6-17-89
 HMS PERMIT # _____ DATED _____

TELEPHONE NUMBER _____

Water Level in Obs. Well? _____

Presence of HC? _____

CONTRACTOR/TESTER: Tank Tech
 BUSINESS NAME

NEW FACILITIES:

Jim Johnson
 TESTER/JOB FOREMAN NAME

BALLAST WITH WATER

BALLAST WITH PRODUCT

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
560 OWL	Steel		7047

LINE TEST DATA:

Steel Suction

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS

[Signature]
 INSPECTOR'S SIGNATURE

AL
DTR

CITY OF AUSTIN
HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION: C.O.B. Zilker Park maintenance
BUSINESS NAME
2225 Barton Springs
STREET ADDRESS, ZIP CODE

TEST DATE: 6-27-89
TEST TYPE: _____

OWNER/CONTACT: _____
NAME

STREET ADDRESS, ZIP CODE

TELEPHONE NUMBER

BLDG PERMIT # 1 DATED
00165 / 1990
HMS PERMIT # _____ DATED

Water Level in Obs. Well? _____
Presence of HC? _____
NEW FACILITIES:
BALLAST WITH WATER
BALLAST WITH PRODUCT

CONTRACTOR/TESTER: Janek Dech
BUSINESS NAME

TESTER/JOB FOREMAN NAME

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
<u>66 North 560 gal</u>	<u>Steel</u>		<u>.0041</u> Tight

LINE TEST DATA:

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS
<u>1/L</u>			<u>.000</u> Tight

INSPECTOR'S SIGNATURE

(HMS 528 G/H)

DTR

CITY OF AUSTIN HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION Name: Zilker Maintenance

TEST DATE: 10-3-90

Address: 2223 Barton Springs

TEST TYPE: Precision

OPERATOR/CONTACT: _____

PERMIT #: 00165

Address: _____

NEW FACILITIES:
Ballast with water
Ballast with product

Tel #: _____

TESTING COMPANY: Tank ✓

Water level in Obs. Well? _____

Foreman/Tester Name: Don Parks

Presence of HC? _____

SYSTEM INFO (Circle):- Pump Type Suction / Remote .. Leak Detectors .. Shear Valves ..
Spill Catchment Basin .. Overfill Protection

COMMENTS: _____

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS	TIGHT/ FAILED
UN 560 gal.	steel		.0017	tight

LINE TEST DATA:

LINE ID	CONSTRUCTION MATERIAL	PRESSURE	RESULTS	TIGHT/ FAILED
UN			.0020	tight

(1) 550 gallon tank

DTR

OFFICIAL USE ONLY
ID# 00165
DATE 6-18-94
BY SMS

HAZARDOUS MATERIALS PERMIT APPLICATION - MATERIALS MANAGEMENT PLAN
CITY OF AUSTIN ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
PART I: GENERAL INFORMATION ON UNDERGROUND STORAGE TANK (UST) LOCATION

UST Location Name/Address: C.O.A. PARD Zilker Park.
2221 Barton Springs Rd. Austin 78704 Phone: 472-4914

Principle Business Activity: City Park Maint.

UST Operator Name/Mailing Address (if different from Owner): _____
Phone: _____

UST Owner Name/Mailing Address: C.O.A.
John Linnemann Phone: 928-1492

Primary Emergency Contact Name: Marc Childers
Business Phone: 928-1492 Home Phone: 451-9387

Permit Applicant/Responsible Party: Owner Operator

Note: Either the Operator or the Owner must be designated as the party responsible for the application and on-going compliance with this permit. If Owner and Operator are the same, please indicate.

Signature/Title: John L. Linnemann, Manager, Fleet Operations

Permit Applicant/Responsible Party agrees that the information contained in this, permit application is true and correct to the best of his or her knowledge. Applicant agrees to abide by the requirements of this permit and all related Codes of the City of Austin.

OFFICIAL USE ONLY

REC'D 8/8/91

ECSD REVIEW:

ECSD APPROVAL:

BY SMS

DATE 8/8/91

DATE 8/8/91

PAID \$80.00

BY SMS

BY SMS

CHECK # 0020544

DTR

CITY OF AUSTIN
ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
TANK/LINE TEST DATA SHEET

LOCATION Name: Zilker Park Maintenance TEST DATE: 12-2-91
Address: 2223 Barton Springs TEST TYPE: Precision
OPERATOR/CONTACT: _____ * RETEST DATE: _____

Address: _____ PERMIT #: 60165
Tel #: _____

TESTING COMPANY: Tanker
Foreman/Tester Name: Richard Rollins Presence of HC? _____

NEW FACILITIES:
Ballast with water
Ballast with product
Water level in Obs. Well? _____

SYSTEM INFO (Circle): Pump Type Suction / Pressure ... Leak Detectors ... Shear Valves ... Corrosion Protection ...
Spill Catchment Basin ... Overfill Protection ... Dispenser Catchment Basin

COMMENTS: _____

TANK TEST DATA:

TANK ID/SIZE	TANK MATERIAL	AIR PRESSURE		RESULTS	TIGHT/ * FAILED
		Inner	Outer		
<u>UN 560 gal.</u>	<u>Steel</u>			<u>-0.0237</u>	<u>T</u>

LINE TEST DATA:

TANK ID/SIZE	PIPING MATERIAL	AIR PRESSURE		RESULTS	TIGHT/ * FAILED
		Inner	Outer		
<u>UN</u>	<u>Steel</u>			<u>.007</u>	<u>T</u>

DTR

CITY OF AUSTIN
ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
TANK/LINE TEST DATA SHEET

LOCATION Name: Zilker Maintenance TEST DATE: 12-22-98
Address: 2223 Barton Springs TEST TYPE: Precision
OPERATOR/CONTACT: _____ * RETEST DATE: _____

Address: _____ PERMIT #: 00165
Tel #: _____

TESTING COMPANY: Haz Corp
Foreman/Tester Name: Michael Knorr

NEW FACILITIES:
Ballast with water
Ballast with product
Water level in Obs. Well? _____
Presence of HC? _____

SYSTEM INFO (Circle): Pump Type Suction / Pressure ... Leak Detectors ... Shear Valves ... Corrosion Protection ...
Spill Catchment Basin ... Overfill Protection ... Dispenser Catchment Basin

COMMENTS: _____

TANK TEST DATA:

location
inside

TANK ID/SIZE	TANK MATERIAL	AIR PRESSURE		RESULTS	TIGHT/ * FAILED
		Inner	Outer		
<u>UL 560 gallon</u>	<u>Steel</u>			<u>1012</u>	<u>T</u>

LINE TEST DATA: tested w/ tank

TANK ID/SIZE	PIPING MATERIAL	AIR PRESSURE		RESULTS	TIGHT/ * FAILED
		Inner	Outer		
<u>UL</u>	<u>Steel</u>				

Tank Management
Emergency Response
Environmental Management



7004 Bee Cave Road, Suite 2200
Austin, Texas 78748
512-328-6766 • 328-7275 FAX

**TANK TESTING DATA CHART
FOR USE WITH THE
PETROTITE PRECISION
TANK TESTING SYSTEM**

TEST RESULTS

December 22, 1992

**CITY OF AUSTIN ZILKER MAINT.
2223 Barton Springs
Austin, TX**



General Tank Information

Tank #1

Facility Name: CITY OF AUSTIN ZILKER MAINT.
Address: 2223 Barton Springs
Austin, TX
Telephone #: 928-1492
Contact: Marc Childers

Reason for Test: Regulatory Compliance

Tank Location: Inside
Tank Product: Unleaded
Tank Capacity: 560 Gallons
Tank Age: Unknown
Tank Material: Steel

Product Piping: Steel
Fill Pipe: 2"
Vapor Recovery: None
Vents: 1.5"
Other Risers: None

Type System: Suction, Line tested as system
Impact Valves: No
LLDs: No

Water Table: 0"
Tank Diameter: 48"
Tank Burial: 36"
Grade to 12: 104"

Backfill Material:

Other Information
or Comments:

Test Results: -0.0120 G.P.H. indicates tank is within N.F.P.A. 329

Michael Knorr #110692B0952
Certified Tank Tester

Tank #1 560 G Unleaded

 DATE SENSOR CALIBRATION PRESSURE VOLUME MEAS. TEMP. - COMPENSATE NET ACCUMULATED
 12-22-92 TEST PROCEDURE LOG CONTROL RECORD .001 GAL.FACTOR"A" -> 0.0004 VOL. CHG. CHANGE

 TIME TEST RECORD DETAILS READING STANDPIPE LEVEL GRAD. GRAD. PRODUCT SENSOR CHNG.COMPUTATE TEMP.ADJ. NFPA 329
 MILITARY NUMBER BEGINNING RESTORE BEFORE AFTER CHANGE READING +/- EXP/CON EXP/CON CHANGE/HR.

*** ENTER TIME USING DECIMAL POINT ***

13.15 ARRIVED AT SITE

13.30 PUMP PRIMED AND RUNNING
 CIRCULATION ABOVE 42"

13.55 DROPPED TO 42", TOOK PRODUCT SAMPLE

TIME	TEST RECORD DETAILS	READING NUMBER	STANDPIPE BEGINNING	LEVEL RESTORE	GRAD. BEFORE	GRAD. AFTER	PRODUCT CHANGE	SENSOR READING	CHNG. +/-	COMPUTATE EXP/CON	TEMP.ADJ. EXP/CON	NET CHANGE/HR.
13.55	FIRST SENSOR READING	1	42.00					60485				
14.10	BEGIN HIGH LEVEL TEST	2	42.00	42.00	0.0300	0.0350	0.0050	60655	170	0.0680	-0.0630	
14.25	CONTINUE H.L. TEST	3	42.00	42.00	0.0350	0.0450	0.0100	60753	98	0.0392	-0.0292	
14.40	" "	4	42.00	42.00	0.0450	0.0600	0.0150	60906	153	0.0612	-0.0462	
14.55	" "	5	42.00	42.00	0.0600	0.0900	0.0300	61031	125	0.0500	-0.0200	

END HIGH LEVEL TEST

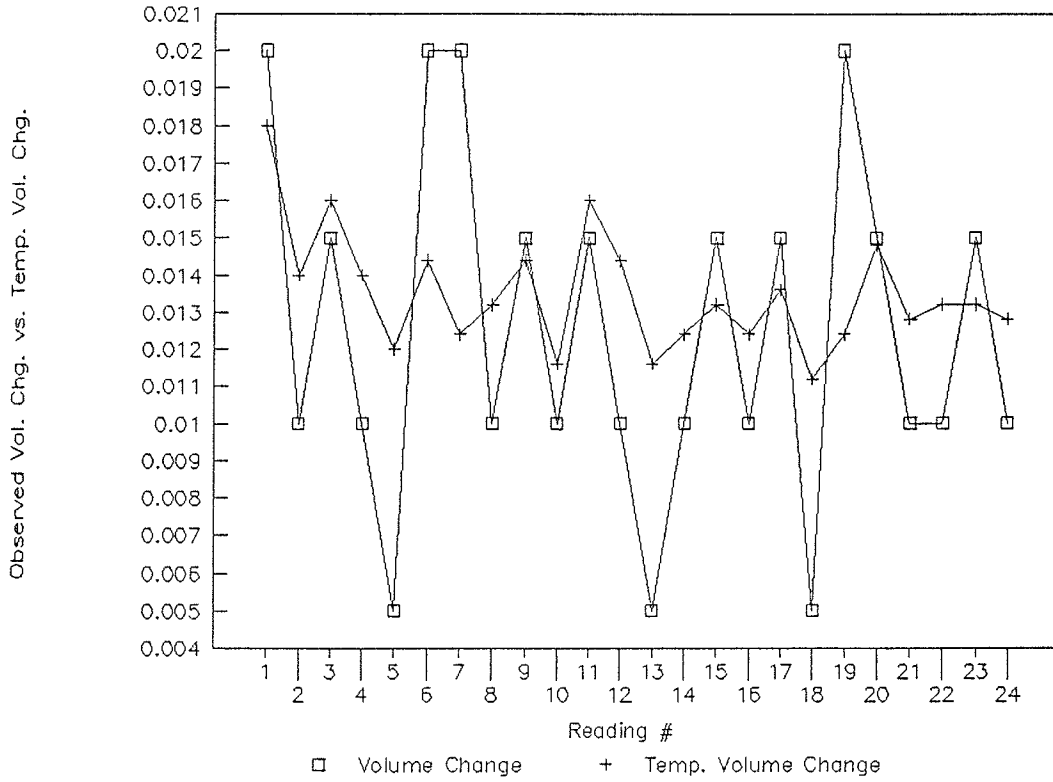
14.55 DROP TO LOW LEVEL

TIME	TEST RECORD DETAILS	READING NUMBER	STANDPIPE BEGINNING	LEVEL RESTORE	GRAD. BEFORE	GRAD. AFTER	PRODUCT CHANGE	SENSOR READING	CHNG. +/-	COMPUTATE EXP/CON	TEMP.ADJ. EXP/CON	NET CHANGE/HR.
14.55	FIRST L.L. SENSOR READING		12.00	12.00				61047				
15.10	LL1 - 1ST 15 MIN	A	12.00	12.00	0.1700	0.2200	0.0500	61150	103	0.0412	0.0088	0.0352
15.25	LL2 - 2ND 15 MIN	B	12.00	12.00	0.2200	0.2550	0.0350	61250	100	0.0400	-0.0050	-0.0012
15.30	LL3 - BEGIN 5 MIN	1	12.00	12.00	0.2550	0.2750	0.0200	61295	45	0.0180	0.0020	0.0240
15.35	LL4	2	12.00	12.00	0.2750	0.2850	0.0100	61330	35	0.0140	-0.0040	-0.0120
15.40	LL5	3	12.00	12.00	0.2850	0.3000	0.0150	61370	40	0.0160	-0.0010	-0.0120
15.45	LL6	4	12.00	12.00	0.3000	0.3100	0.0100	61405	35	0.0140	-0.0040	-0.0210
15.50	LL7	5	12.00	12.00	0.3100	0.3150	0.0050	61435	30	0.0120	-0.0070	-0.0336
15.55	LL8	6	12.00	12.00	0.3150	0.3350	0.0200	61471	36	0.0144	0.0056	-0.0168
16.00	LL9	7	12.00	12.00	0.3350	0.3550	0.0200	61502	31	0.0124	0.0076	-0.0014
16.05	LL10	8	12.00	12.00	0.3550	0.3650	0.0100	61535	33	0.0132	-0.0032	-0.0060
16.10	LL11	9	12.00	12.00	0.3650	0.3800	0.0150	61571	36	0.0144	0.0006	-0.0045
16.15	LL12	10	12.00	12.00	0.3800	0.3900	0.0100	61600	29	0.0116	-0.0016	-0.0060
16.20	LL13	11	12.00	12.00	0.3900	0.4050	0.0150	61640	40	0.0160	-0.0010	-0.0065
16.25	LL14	12	12.00	12.00	0.4050	0.4150	0.0100	61676	36	0.0144	-0.0044	-0.0104
16.30	LL15	13	12.00	12.00	0.4150	0.4200	0.0050	61705	29	0.0116	-0.0066	-0.0157
16.35	LL16	14	12.00	12.00	0.4200	0.4300	0.0100	61736	31	0.0124	-0.0024	-0.0166
16.40	LL17	15	12.00	12.00	0.4300	0.4450	0.0150	61769	33	0.0132	0.0018	-0.0141
16.45	LL18	16	12.00	12.00	0.4450	0.4550	0.0100	61800	31	0.0124	-0.0024	-0.0150
16.50	LL19	17	12.00	12.00	0.4550	0.4700	0.0150	61834	34	0.0136	0.0014	-0.0131
16.55	LL20	18	12.00	12.00	0.4700	0.4750	0.0050	61862	28	0.0112	-0.0062	-0.0165
17.00	LL21	19	12.00	12.00	0.4750	0.4950	0.0200	61893	31	0.0124	0.0076	-0.0109
17.05	LL22	20	12.00	12.00	0.4950	0.5100	0.0150	61930	37	0.0148	0.0002	-0.0102
17.10	LL23	21	12.00	12.00	0.5100	0.5200	0.0100	61962	32	0.0128	-0.0028	-0.0113
17.15	LL24	22	12.00	12.00	0.5200	0.5300	0.0100	61995	33	0.0132	-0.0032	-0.0125
17.20	LL25	23	12.00	12.00	0.5300	0.5450	0.0150	62028	33	0.0132	0.0018	-0.0111
17.25	LL26	24	12.00	12.00	0.5450	0.5550	0.0100	62060	32	0.0128	-0.0028	-0.0120

END TANK TEST

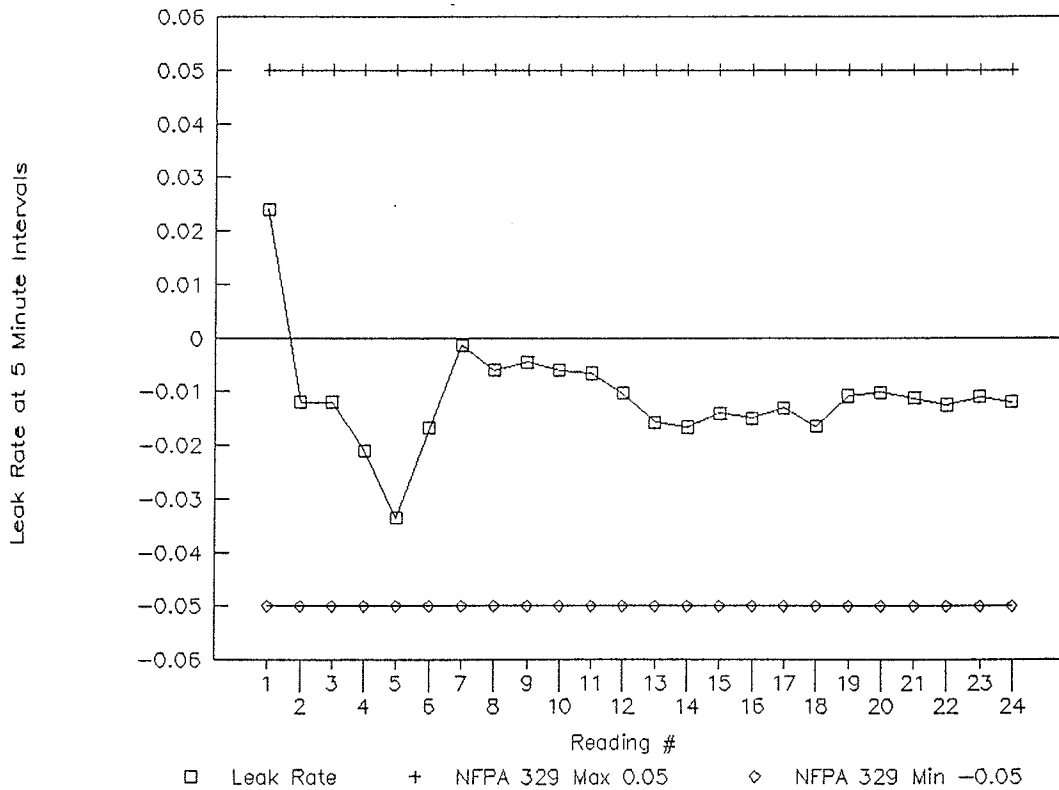
City of Austin Zilker Maint.

Tank #1 560 G Unleaded 12-22-92



City of Austin Zilker Maint.

Tank #1 560 G Unleaded 12-22-92





City of Austin
Department of Building Safety

Request for Site Plan Exemption

I, Marc Childers, do hereby certify that I am the [owner] [owner's agent] of the property at: ZILKER PARK MAINTENANCE YARD and in that capacity do herewith submit this application as my claim for an exemption from the site plan requirements of Chapter 13-1 of the Code of the City of Austin. I claim this exemption under Section 13-1-603 ___; which I have checked on the reverse side of this form. Furthermore, I certify the following to be true and correct information pertaining to this exemption application:

ADDRESS: ZILKER PARK MAINTENANCE YARD

LEGAL (LOT) 2221 Boston Springs Rd (BLOCK)

DESCRIPTION: (SUBDIVISION) _____

DESCRIPTION OF PROPOSED DEVELOPMENT: above ground
INSTALL FUEL STORAGE TANK w/ CONTAINMENT
LESS THAN 1,000 SF. IMPERVIOUS COVER.

Furthermore, I certify and acknowledge that:

1. The property described above has been legally subdivided; or that the property possesses a legal nonconforming lot status.
2. All applicable subdivision requirements will be completed prior to occupancy of the premises.
3. The proposed development complies with all applicable zoning regulations.
4. I have received from the appropriate agencies, prior to this application, confirmation that all utility services necessary for this project are available; and I will submit verification that all prerequisite fees for such services have been paid prior to issuance of a building permit.
5. I am aware that the approval of this application for a site plan exemption does not constitute authorization to violate any provisions of the Austin City Code or other applicable regulations.

Signature of Owner or Owner's Agent: Marc Childers

Printed Name of Owner or Agent: Marc Childers

Telephone Number of Owner or Agent: 928-1492

Date of Application: 6/11/93

FOR DEPARTMENTAL USE ONLY	
EXEMPTION REVIEWED BY: <u>Schuyler Schwartz</u>	ADDITIONAL INFORMATION REQUIRED <u>INSTALL E/S CONTROLS</u> <u>AS PER INSTRUCTION</u> <u>OF ENVIRONMENTAL</u> <u>INSPECTOR. Notify</u> <u>Mack Mauldin 24 hours</u> <u>before any on site activity.</u>
DATE RECD: <u>6/11/93</u> RELEASE DATE: <u>6/11/93</u>	
<input type="checkbox"/> REJECTED	
<input checked="" type="checkbox"/> APPROVED	SIGNATURE OF REVIEWER: <u>Michael C. Mann</u>
<input type="checkbox"/> CONDITIONAL APPROVAL (Specify)	

**City of Austin
Land Development Code
Chapter 13-1, Section 13-1-603**

Approved Site Plan Exemptions

(a) A site plan shall not be required for the following:

- _____ (1) construction, alteration, or an addition to a single-family, single-family attached, or duplex residential structure or an accessory use to such a structure where one (1) structure is constructed per legal lot and the lot is not crossed or adjacent to a waterway;
- _____ (2) removal of a tree not protected by the Land Development Code;
- _____ (3) interior alteration of an existing building when the alteration does not increase the square footage, area or height of the building;
- _____ (4) application for a certificate of occupancy for a change to another permitted use which does not increase off-street parking requirements from the existing use or all required parking is existing and in compliance with current codes;
- _____ (5) construction of a fence, but no exemption is granted by this subsection for the construction of a retaining wall or for a fence that may obstruct the flow of water;
- _____ (6) clearing an area no greater than fifteen (15) feet in width for surveying and testing where trees greater than eight (8) inches in diameter are not removed;
- _____ (7) substantial restoration within a period of twelve (12) months of a building damaged by fire, explosion, flood, tornado, riot, act of public enemy, or accident of any kind;
- _____ (8) demolition of a structure or foundation covering no more than ten thousand (10,000) square feet of site area pursuant to a demolition permit issued in accordance with the Land Development Code with no disturbance of trees greater than eight inches (8") in diameter and no site clearing;
- _____ (9) any development located outside the City's zoning jurisdiction and exempt from all watershed protection requirements of the Land Development Code;
- ✓ _____ (10) small additions to developed sites which meet all of the following criteria:
 - a. the additional square footage does not exceed twenty-five percent (25%) of the existing paved or floor area or one thousand (1,000) square feet, whichever is less, except that the following items may exceed the area limitations of this subsection:
 - 1. enclosure of an existing staircase or porch.
 - 2. a carport for less than ten (10) cars placed over existing parking spaces.
 - 3. a ground level deck of less than 5,000 square feet which is for open space use and constructed of wooden slats.
 - 4. the replacement of an existing roof where height is not increased by more than five (5) feet.
 - 5. the remodeling of an exterior facade where new construction is limited to the addition of columns or awnings for windows or entrance ways.
 - b. the addition complies with all applicable codes and restrictions of the City of Austin, including the Compatibility Standards requirements in the Land Development Code.
 - c. the addition or change in use is not for the purpose of an adult-oriented business as defined and regulated by the Land Development Code.
 - d. the addition does not increase the degree of any existing non-compliance.
 - e. the addition will not create a drive-in service or increase the number of lanes of an existing drive-in service.
 - f. no trees eight (8) inches in diameter or larger are proposed or removed.
 - g. the addition is not located within the 100-year flood plain.
- _____ (11) any other minor site activities similar to those listed above, as determined by the director.

(b) The director shall require the minimum information believed necessary, in the director's discretion, to determine that a project is entitled to an exemption under this section.

(c) An exemption pursuant to this section does not authorize any development in violation of the Land Development Code or other applicable laws or ordinances of the City. Any previously released site plan pertaining to the site proposed for development shall be revised pursuant to section 13-1-608 (b) if deemed necessary by the Director.



TO: SCHULYER SCWARTING, ENVIRONMENTAL QUALITY SPECIALIST,
ENVIRONMENTAL CONSERVATION SERVICES DEPARTMENT

FROM: JOHN A. LINNEMANN, MANAGER, FLEET OPERATIONS, PUBLIC WORKS
AND TRANSPORTATION DEPARTMENT

DATE: JUNE 3, 1993

SUBJECT: ZILKER PARK FUEL TANK REPLACEMENT

REQUIREMENTS OF THE FEDERAL E.P.A. AND THE TEXAS WATER COMMISSION MAKE IT NECESSARY FOR THE CITY OF AUSTIN TO REPLACE THE FUEL DISPENSING SYSTEM AT ITS ZILKER PARK MAINTENANCE FACILITY LOCATED AT 2221 BARTON SPRINGS ROAD. THIS REPLACEMENT WILL INCLUDE THE PERMANENT CLOSURE OF TWO (2) EXISTING UNDERGROUND FUEL STORAGE SYSTEMS AND THE INSTALLATION OF ONE (1) ABOVEGROUND CONCRETE VAULTED STORAGE SYSTEM.

PLEASE FIND ATTACHED, FOR YOUR REVIEW AND COMMENT, A SET OF DRAFT PLANS FOR THE ABOVEGROUND CONCRETE VAULTED SYSTEM INSTALLATION. THE PROPOSED ABOVEGROUND SYSTEM WILL HAVE TWO (2) 500 GALLON COMPARTMENTS (DIESEL AND GASOLINE) FOR A TOTAL OF 1000 GALLONS. THIS VAULTED SYSTEM WILL CONSIST OF A 1/4" STEEL (WELDED INSIDE AND OUT) RECTANGULAR TANK COVERED BY A LIQUID TIGHT LINER AND SURROUNDED BY SIX (6) INCHES OF REINFORCED CONCRETE. IN ADDITION TO THIS 110% CONTAINMENT FEATURE, THIS UNIT WILL BE EQUIPPED WITH OVERFILL PREVENTION AND SPILL CONTAINMENT DEVICES.

THE ENTIRE FUEL TANK AND CONTAINMENT WILL BE SUPPORTED ON MONOLITHICALLY CAST SUPPORTS, WHICH ARE 4" HIGH BY 6" WIDE. THE TANK AND CONTAINMENT WILL BE LOCATED WITHIN AN 18" TALL CONCRETE CURB, WHICH IS PART OF A REINFORCED CONCRETE SLAB DESIGNED TO SUPPORT THE TANK. THE CURB WILL PROVIDE BACKUP ABILITY TO CONTAIN UP TO 40% OF THE PROPOSED TANK VOLUME. THE TANK AND SLAB WILL BE COVERED BY A WOOD AND METAL SHED ROOF TO PROTECT THE FACILITY, AND TO KEEP RAINFALL OUT OF THE CURB ENCLOSURE. AN ADDITIONAL 4' TALL WALL OF REINFORCED CMV AND AN EXISTING 8' WOOD FENCE WILL SEPARATE THE TANK FROM PUBLIC AREAS OF THE PARK. THIS SYSTEM WILL ALSO BE EQUIPPED WITH STAGE I AS WELL AS STAGE II VAPOR RECOVERY.

AFTER THE INSTALLATION OF THE ABOVEGROUND SYSTEM, WE WILL PERFORM PERMANENT CLOSURES ON THE TWO (2) EXISTING UNDERGROUND STORAGE SYSTEMS. SEPARATE CORRESPONDENCE CONCERNING CLOSURE PROCEDURES WILL BE PROVIDED AT THE APPROPRIATE TIME.

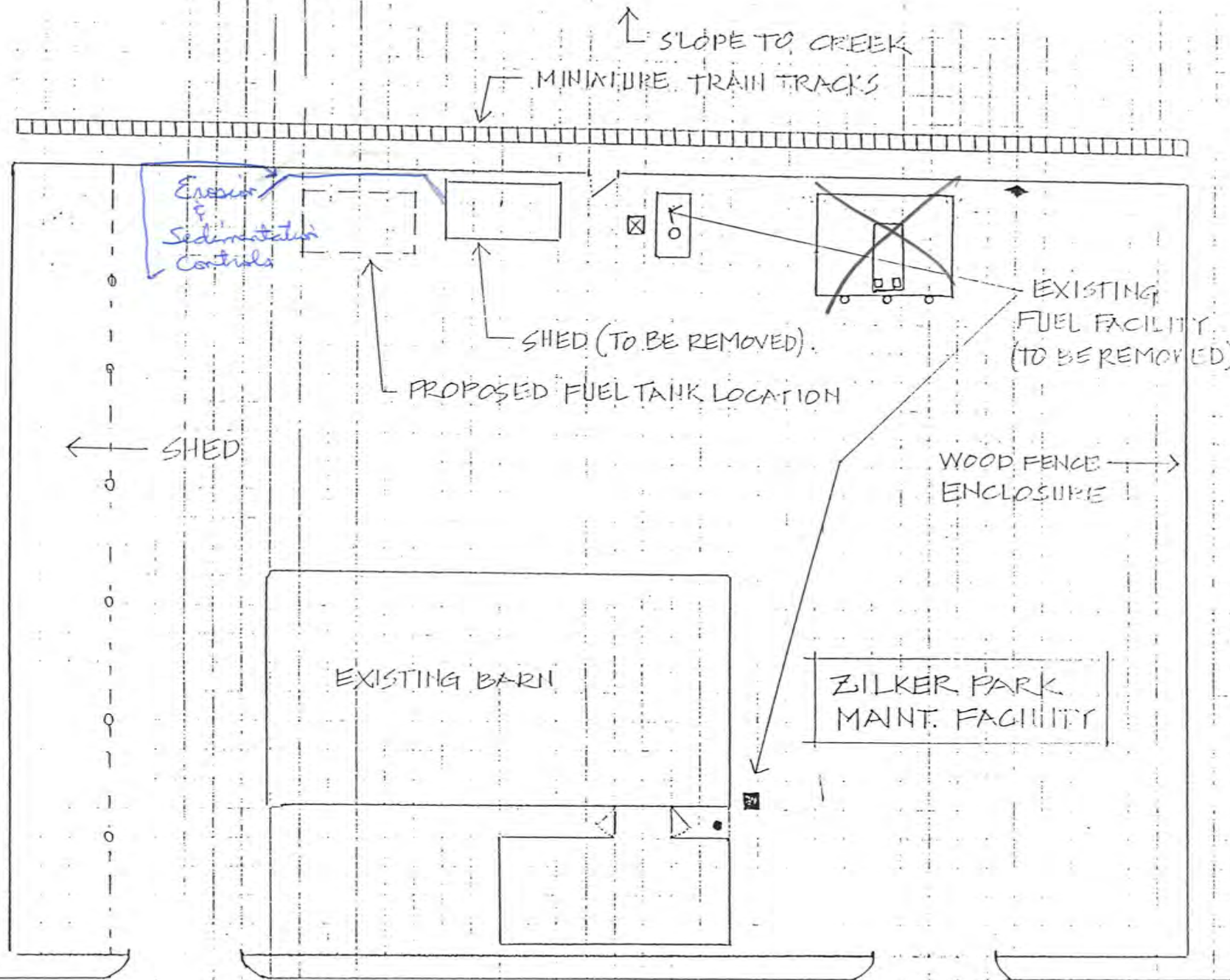
ALL WORK ASSOCIATED WITH THE ABOVEGROUND FUEL STORAGE SYSTEM AND THE SUBSEQUENT PERMANENT CLOSURE AND REMOVAL OF TWO UNDERGROUND FUEL STORAGE SYSTEMS WILL BE CONDUCTED IN ACCORDANCE WITH CITY ORDINANCES AND TEXAS WATER COMMISSION REGULATIONS. THIS PROJECT, WHEN IMPLEMENTED, WILL PROVIDE THE CITY OF AUSTIN PARKS AND RECREATION DEPARTMENT A VERY SAFE, ENVIRONMENTALLY CORRECT SOLUTION TO ITS FUELING NEEDS.

PLEASE PROVIDE WRITTEN COMMENTS OR REQUESTS FOR ADDITIONAL INFORMATION TO ME BY JUNE 18, 1993. IF SPECIAL PERMITTING IS REQUIRED TO CONSTRUCT THE ABOVEGROUND FACILITY, PLEASE PROVIDE THE INFORMATION IN YOUR RESPONSE. IF ADDITIONAL INFORMATION IS REQUIRED, PLEASE CONTACT ME OR MARC CHILDERS AT 928-1492.

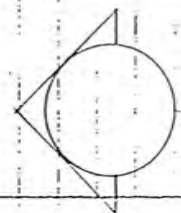


JOHN A. LINNEMANN, MANAGER, FLEET OPERATIONS
PUBLIC WORKS AND TRANSPORTATION DEPARTMENT
CITY OF AUSTIN

cc: Stan Evans, DPWT



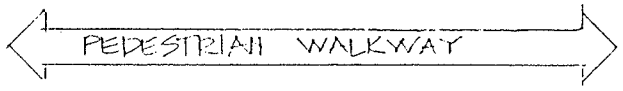
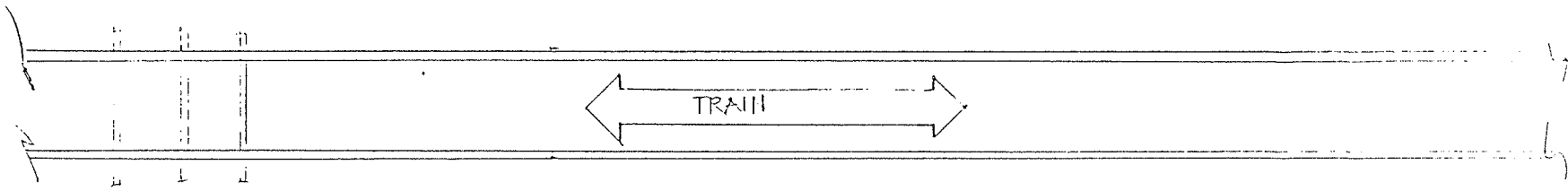
PLAN
NORTH



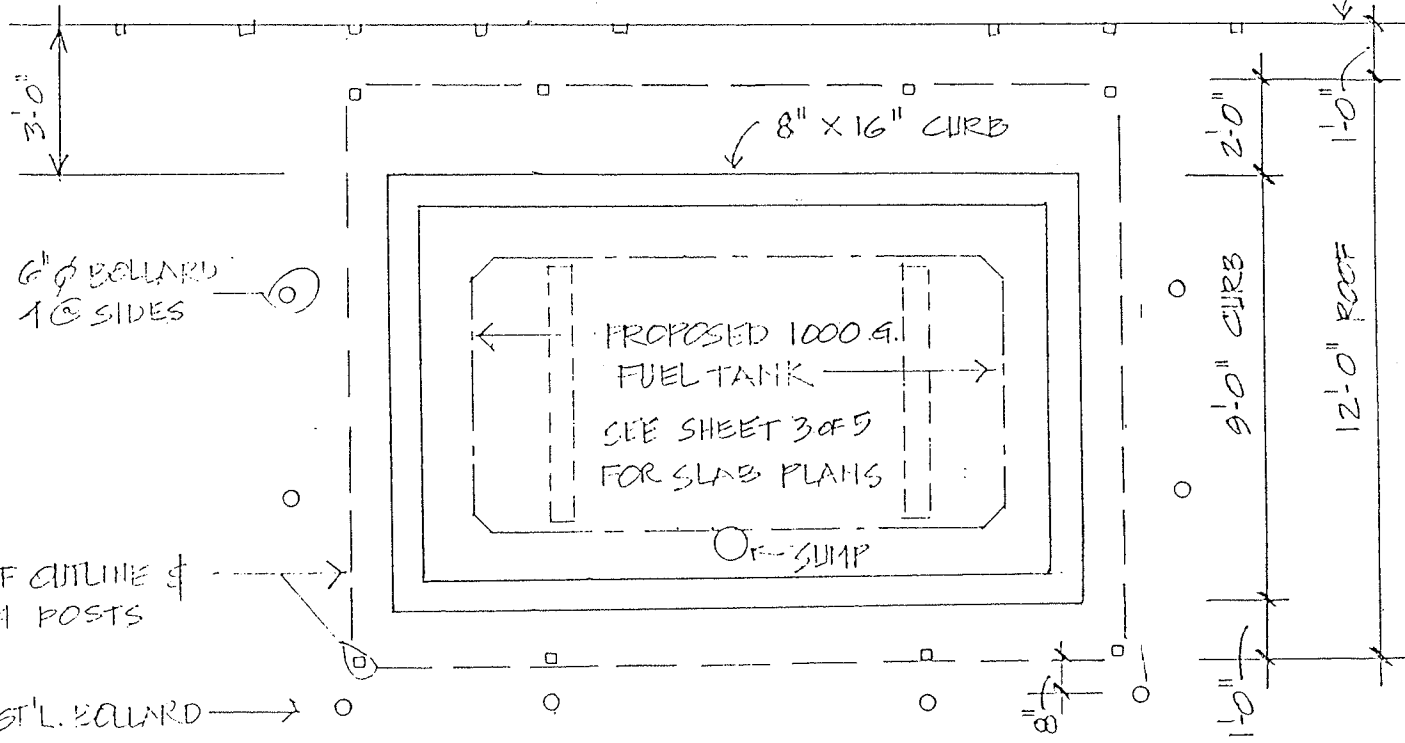
SITE PLAN

NOT TO SCALE

SHEET 1 of 5

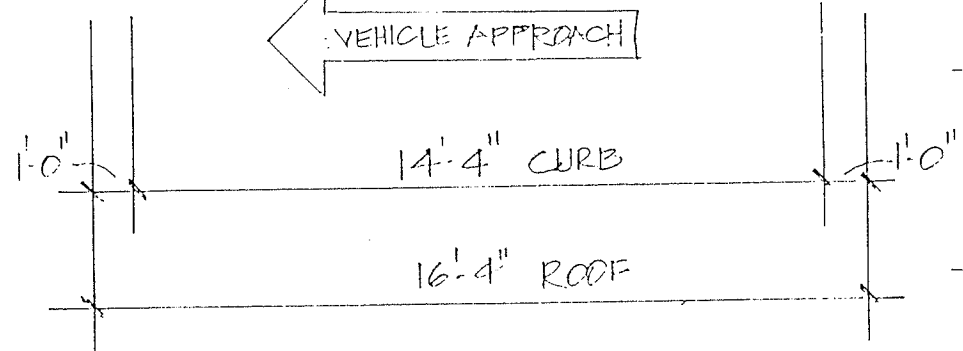
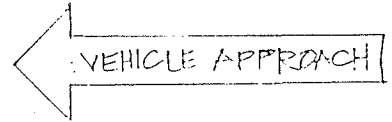
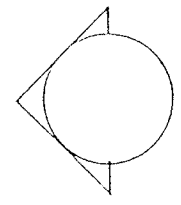


8' WD. FENCE



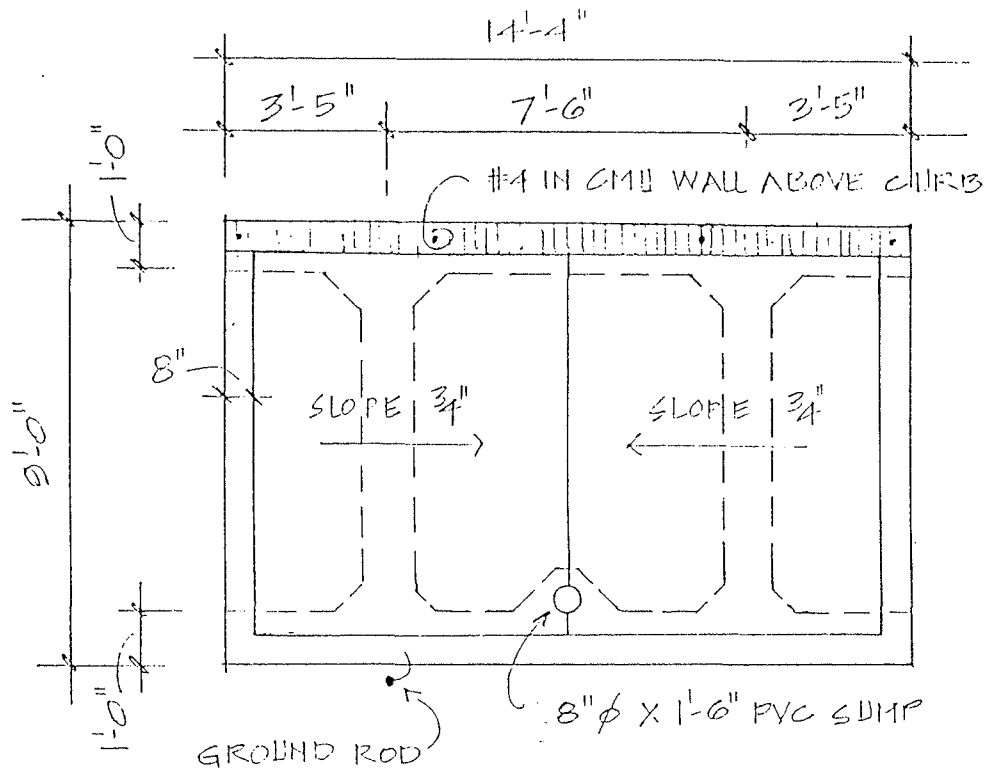
NOTE:
PLACE TANK
SKIDS IN GROUT
BED & ALLOW 2
DAYS BEFORE
FILLING TANK.

PLAN NORTH

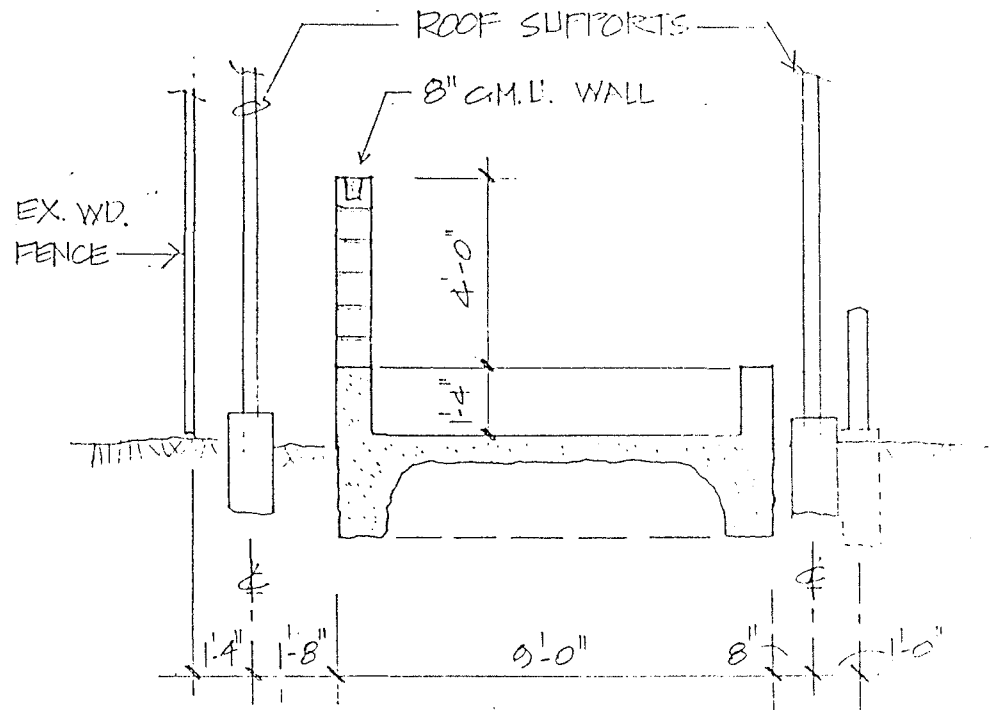


SCALE $\frac{1}{4}'' = 1'-0''$

LAYOUT
PLAN S.P.E.



PLAN VIEW

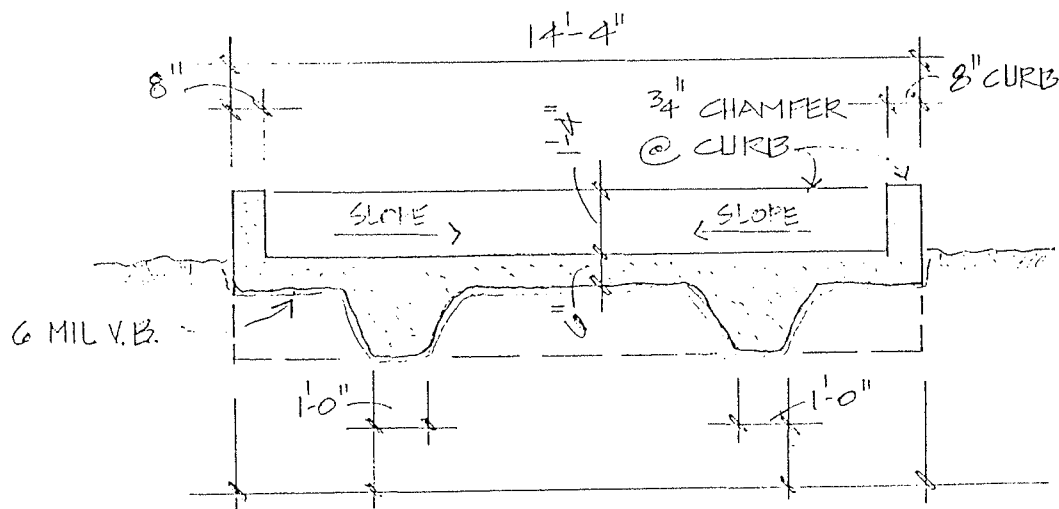


SECTION VIEW

SCALE 1/4" = 1'-0" ALL THIS SHEET

NOTES

1. ALL CONCRETE 5SACK, 3000 P.S.I.
2. ALL REBAR 60KSI
3. PROCF-ROLL & COMPACT SUB-GRADE.
4. INSTALL 6 MIL VAPOR BARRIER.
5. GROUND REBAR TO #4 REBAR DRIVEN 10'-0" INTO EARTH.

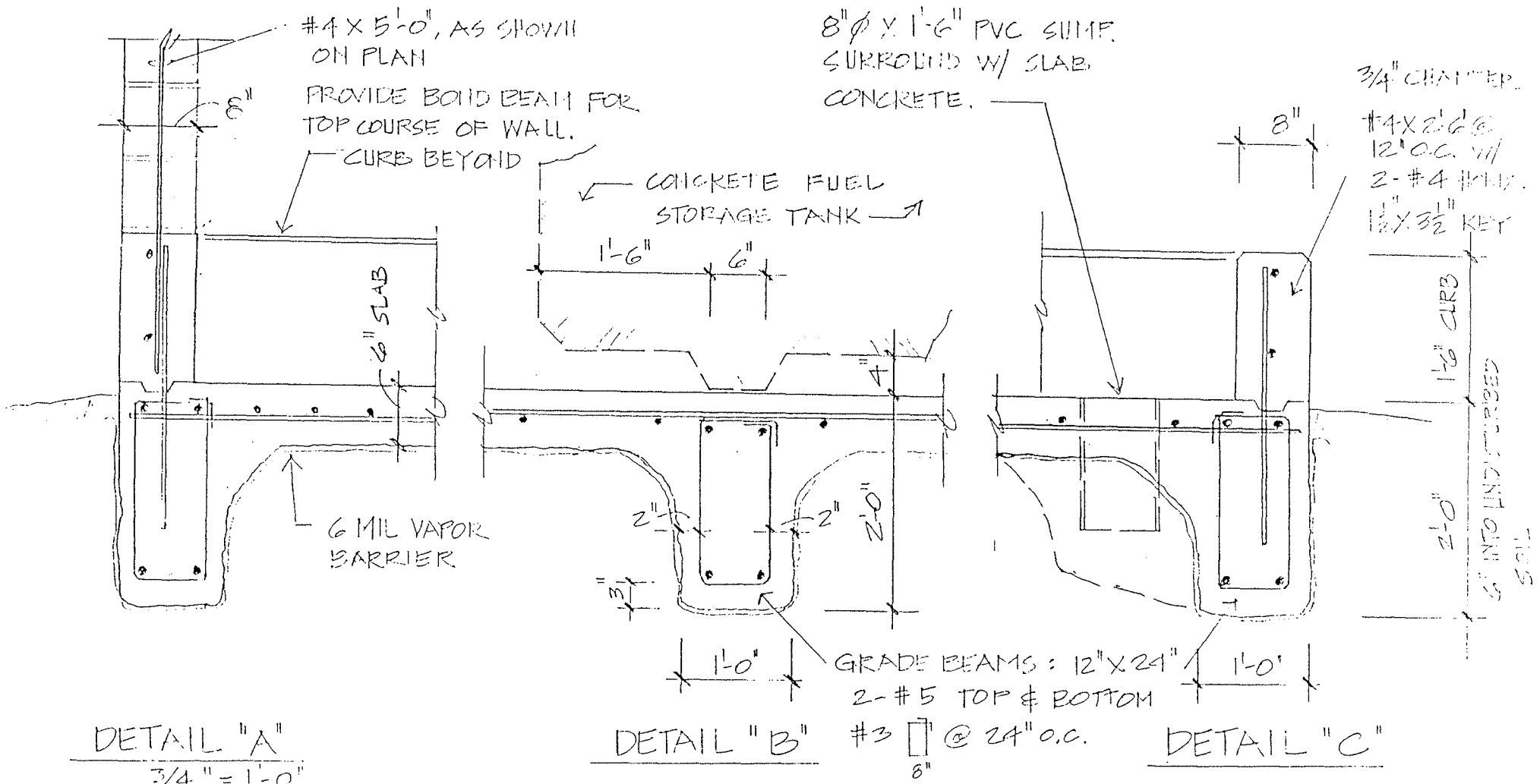


SECTION VIEW

SLAB PLANS S.P.E.

5-19-93

SHEET 3 OF 5

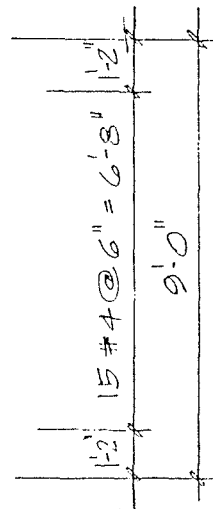
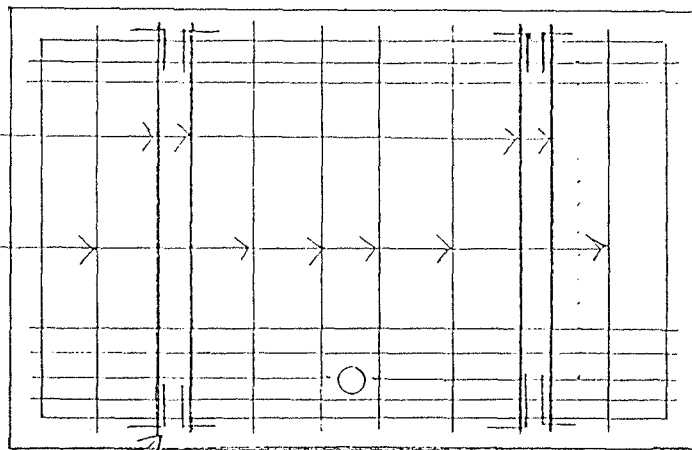


REINFC. PLAN

GR. BM. REINFC.

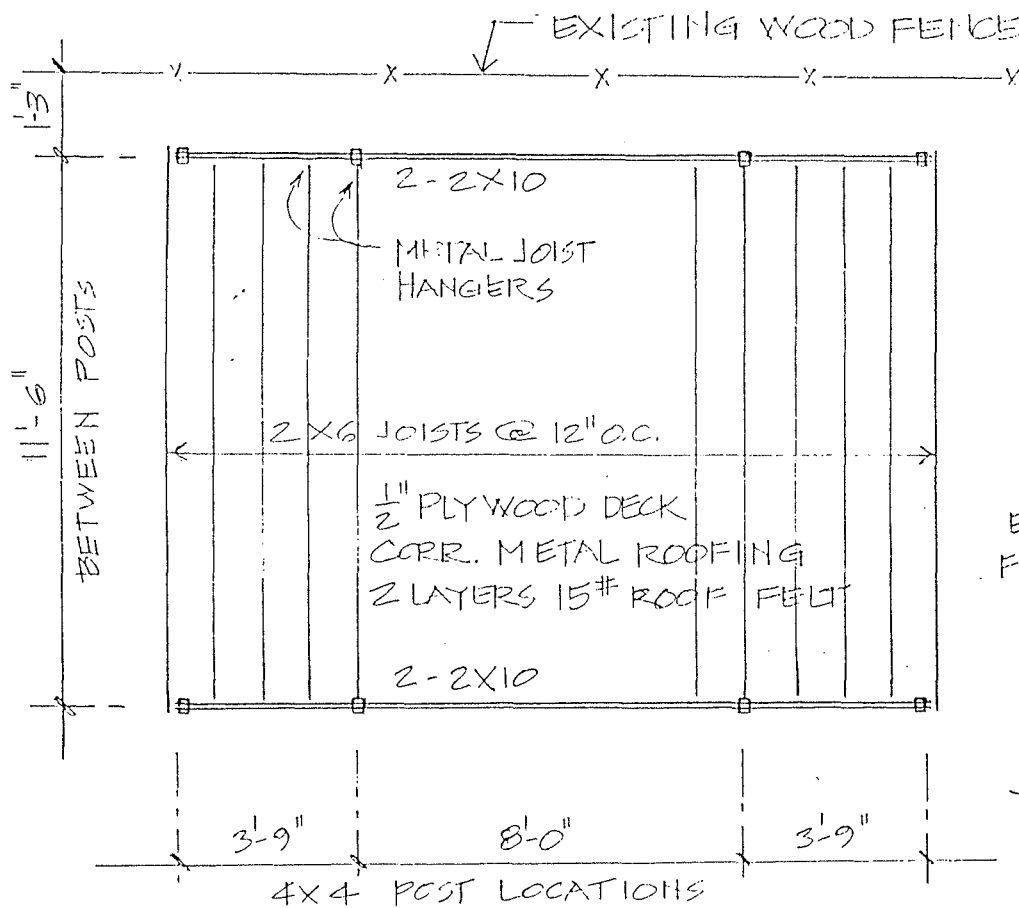
6-#4 (18" O.C. ±)

2-#5 18"



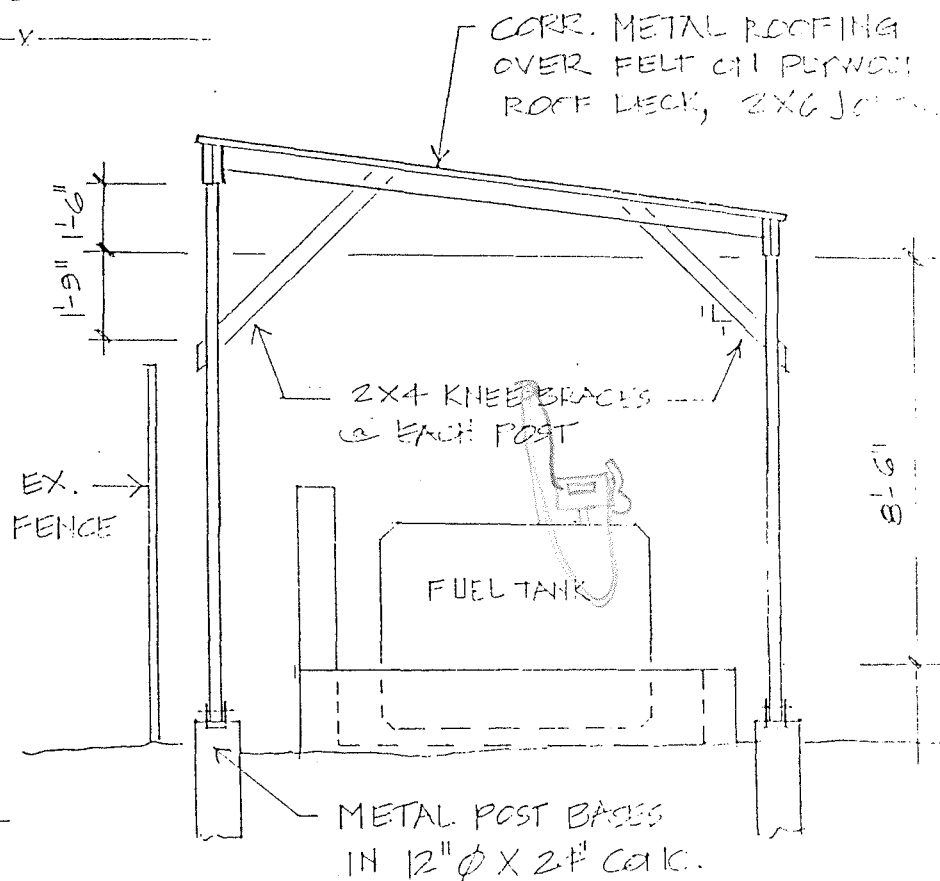
SLAB DETAILS

5-19-93 S.P.E. SHT. 4 OF 5

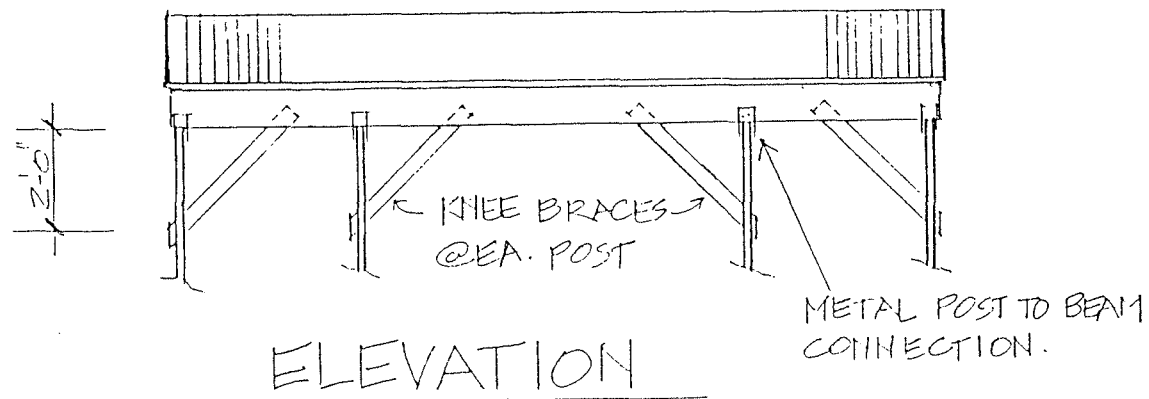


ROOF PLAN

$\frac{1}{4}'' = 1'-0''$



END VIEW



ELEVATION

ROOF DETAILS

5-20-93 S.P.E. :HT. 5 of 5

02/04/93

16:56

PL. & DEV. CITY OF AUSTIN

Schuyler Schwarting

002

499-2709

6385

Water Requested!

CITY OF AUSTIN

ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
UNDERGROUND STORAGE TANK (UST) SYSTEM CONSTRUCTION PERMIT APPLICATION

FACILITY NAME AND ADDRESS: Eitker Park Maintenance Facility
2201 + 2221 Barton Springs Road.

TYPE OF PROJECT: [] NEW INSTALLATION [] REMODEL [X] CLOSURE [] OTHER

DESCRIPTION OF PROJECT WORK: Permanent Closure of (2) 5000 gallon
Underground Storage Tank Systems.

EST. COST OF UST PROJECT: \$1000.

*PROPOSED CONSTRUCTION DATE: unknown but in February (LATE)
* NOTIFY THE CITY OF AUSTIN 24 HOURS PRIOR TO CONSTRUCTION DATE TO CONFIRM

INDICATE YES OR NO, AS APPROPRIATE:

- NEW SITE PLAN APPLIED FOR IN CONJUNCTION WITH PROJECT? NO CASE# _____
- SITE BUILDINGS, CANOPIES, ELECTRICAL, OR PLUMBING AFFECTED (Y*/N) N
- PROJECT REQUIRES USE OF CITY RIGHT-OF-WAYS (SEE ATTACHMENT B) (Y*/N) N
*IF YES, APPLICABLE PERMITS ARE REQUIRED
- EXPIRATION DATE OF CITY HAZARDOUS MATERIALS PERMIT? N/A.

UST OWNER NAME/MAILING ADDRESS: City of Austin, Marc Childers
6301A Harold Court, Austin, TX 78721 PHONE: 928-1492

UST REGISTERED CONTRACTOR/ADDRESS: unknown at this time, will use
bid process. PHONE: _____

CONTRACTOR RESPONSIBLE FOR RESTORATION (REVEGETATION AND/OR PAVING) OF SITE AFTER COMPLETION: unknown Steve myfitt
PHONE: _____

UST CONSULTANT/ADDRESS (IF APPLICABLE): unknown
PHONE: _____

SUBMITTED BY: Marc Childers
TITLE/COMPANY: Fuel Coordinator, C.O.A. PHONE: 928-1492

This proposed project will be performed and completed in accordance with all approved plans, specifications, and all applicable City (including site development requirements) and State Code requirements.

Contact the Environmental and Conservation Services Department at least 24 hours in advance of any site disturbance at (512) 499-2715 or 499-2278.

ADMINISTRATIVE USE ONLY

DATE SUBMITTED: 1/24/94 2-2-94 FEES PAID: \$45.00

Completed Application may be mailed to:
Environmental and Conservation Services Dept.
Attn: Schuyler Schwarting
City of Austin
P.O. Box 1088
Austin, Texas 78767

- APPROVED -
ECSD APPROVAL STAMP/DATE
CITY OF AUSTIN
ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
512 600 9700 obj. 4057

Schuyler Schwarting 2-2-94
NAME DATE

Erosion sedimentation controls are required. Site must be repaired or re-vegetated before erosion controls are lifted.

02/04/93

16:58

PL. & DEV. CITY OF AUSTIN

004

UNDERGROUND STORAGE TANK SYSTEM CLOSURE PLAN

DESCRIPTION OF EQUIPMENT TO BE CLOSED:

TANK CAPACITY	PREVIOUS CONTENTS	TANK MATERIAL	MONTH/YR INSTALLED	MONTH/YEAR LAST IN USE	TEST FAILURE LEAK HISTORY Y/N	PIPING TO BE PULLED Y/N
500	Unlabeled	steel	1966	1/94	N	Y
500	Unlabeled	steel	1966	1/94	N	Y

BURIAL DEPTH: 3 Ft. TYPE BACKFILL: native COVER OVER TANK/PIPING: natural

SURROUNDING GEOLOGIC MATERIAL: natural cover

PIPING DELIVERY SYSTEM: SUCTION REMOTE PIPING MATERIAL: steel

PROPOSED CONSTRUCTION DATE: _____ PROJECTED DATE OF CLOSURE: 2/94

PROPOSED TYPE OF CLOSURE: REMOVAL CLOSURE IN PLACE

REASON FOR CLOSURE: The Environment

USTs/PIPING TO BE REPLACED?: NO ANY EXISTING USTs TO REMAIN AT SITE AFTER CLOSURE?: NO

All excavation and stockpiled material from closure will be covered thoroughly or backfilled. Indicate location of stockpile material and drainage patterns, including all inlets, on site map.

In the event of soil disturbance occurring, indicate which erosion control measures will be used (see Attachment A or the Environmental Criteria Manual, Section 1.4) and the location noted on the site map:

NAME/ADDRESS OF TANK DISPOSAL FACILITY: see bid

NAME/ADDRESS OF HAZARDOUS MATERIALS DISPOSAL FACILITY: see bid

NAME/ADDRESS OF LABORATORY TO PERFORM SAMPLE ANALYSIS: see bid

SAMPLES WILL BE ANALYZED FOR:	PARAMETER	EPA APPROVED ANALYSIS METHOD
	BTEX	_____
	TPH	_____
	_____	_____
	_____	_____

Contact person responsible for notification to the City ECSD of all sample results and all written closure reports as soon as they are available: Marc Childers Phone #: 928-1492

NOTE: PLEASE ATTACH AN 8 1/2" x 11" SITE MAP AS FINAL PAGE

PARO - Zilker Park Maint.

2221 Barton Springs Rd.

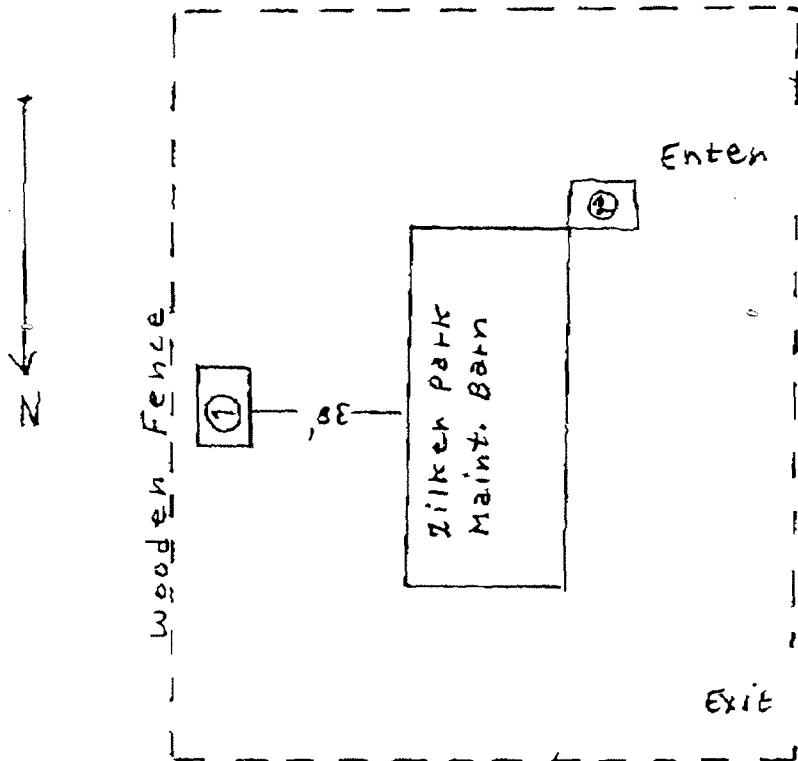
LEGEND

1 - 550 Gal. Tank & Pump

2 - 550 Gal. Tank & Pump

Caretakers House

Parking Area



NOTE:
No Fire Hydrant located
in the immediate
vicinity

To Barton Springs Pool

Barton Springs Rd

DEPARTMENTAL JOURNAL VOUCHER ENTRY

TC AGY DEPT REFERENCE NO.

DOCUMENT ID JV 180 180 00 313627

JV DATE: MM DD YY 07 04 04 ACCOUNTING PERIOD: BUDGET FY: REVERSAL DATE: MM DD YY 1 1 PAGE 1 of 1

ACTION: BUDGET OVERRIDE IND: COMMENTS:

DEBIT DOC TOTAL: 90.00 CREDIT DOC TOTAL: 90.00

AC TP	FND	AGE NCY	ORG	SUB ORG	ACTIVITY	OBJ REV	SUB O/R	BS ACCT	JOB WORKORDER	REPT CATG	IG FND	REF AGY	DEBIT AMOUNT
XX	XXX	XXX	XXXX	XX	XXXX	XXXX	XX	XXXX	XXXXXXXXXX	XXXX	XXX	XXX	XXXXXXXXXXXX.XX
BC	VENDOR CODE - NAME							DESCRIPTION					CREDIT AMOUNT
LN	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX						XXXXXXXXXXXXXXXXXXXXXXXXXXXX					XXXXXXXXXXXX.XX
01	31	710	1200	9700			7057						
01													45.00
02	72	528	180	3300			6843						75.00
02													
03	01	510						0021					45.00
03													
04	11	538						0021					45.00
04													
05													
05													
06													
06													
07													
07													
08													
08													

PREPARED BY: Veronica Rodriguez TITLE: FA 2 DATE: 11/24/04
 AUTHORIZED BY: [Signature] TITLE: FA III DATE: 12/4/04
 VERIFIED BY: [Signature] TITLE: DATE:
 ENTERED BY: DATE:

PURPOSE: to transfer funds to ECSD for construction permit fee for under ground storage tank closure.



4-27-94 C-I
20470
DTR

2:00 PM

ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT UNDERGROUND STORAGE TANK CLOSURE FIELD INSPECTION REPORT

DATE: 4-27-94 BUSINESS-NAME: Zilker Park maintenance Facility

ADDRESS: ²²⁰¹ +2221 Barton Springs Rd.

CONTRACTOR/FOREMAN: MOFFIT, STEVE CONSULTANT/REP: _____

ECSD PERSONNEL: ERIK HARRIS TWC PERSONNEL: K. OTTO

TANK VAPORS PURGED BELOW .20% BY: AIR EDUCTED
²²⁰¹ 2221 BARTON SPRINGS

	TANK 1 <u>ZILKER RR</u>	TANK 2 <u>PARD</u>	TANK 3	TANK 4	TANK 5	TANK 6
SIZE	<u>1000</u>	<u>500</u>				
MATERIAL	<u>STEEL</u>	<u>STEEL</u>				
PREVIOUS USE	<u>UNLEADED</u>	<u>UNLEADED</u>				
RESIDUAL CONTENTS	<u>3" = 23 gal product</u>	<u>3" = 15 gal product</u>				
CONDITION	<u>CORRODED APPEARS INTACT</u>	<u>CORRODED APPEARS INTACT</u>				
TO BE SCRAPPED/ REUSED	<u>SCRAPPED</u>	<u>SCRAPPED</u>				
CDG READING	<u>11</u>	<u>8</u>				

TANKS MARKED "DANGER", ETC. PRIOR TO TRANSPORATION OFF-SITE

PIPING MATERIAL: STEEL REMOVED CAPPED PLUGGED

PIPING CONDITION: CORRODED

E/S CONTROL: COVER MATERIAL BACKFILL MATERIAL ESC BERMS ^{SPOIL ON PLY, SILT FENCE}

TOTAL # OF TANKS AT SITE BEFORE CLOSURE: 2 TOTAL # TO REMAIN: 0 *
*Indicate location on next page

NAME/ADDRESS TANK DISPOSAL FACILITY: TANKCRAFTERS

NAME/ADDRESS WATER/RESIDUAL DISPOSAL FACILITY: UNITED PUMP (MOBLEY/ALAMO P/U LATER)

NAME/ADDRESS SOIL DISPOSAL FACILITY: _____

GEOLOGY OF TANK EXCAVATION: SANDY LOAM, CLAY BACKFILL: SANDY LOAM

WATER/GROUNDWATER PRESENT: NO

PREVIOUS SIGNS OF CONTAMINATION IN OR NEAR EXCAVATION: NO

TWC LUST DESIGNATION: YES NO REASON: _____

SITE CONTAMINATION LIMITS: TPH _____ BTEX _____ OTHER _____

* after overexcavating 2' in all directions

* UST SITE SAMPLES

SAMPLES TANKEN BY: STEVE MOFFITT DATE: 4-27-94

ECSD PERSONNEL PRESENT: ERIK HARRIS

SAMPLE #1: UNDER TANK 2 DEPTH: ~8 FEET

SAMPLE #2: 2 PART COMPOSITE UNDER TANK 1 DEPTH: ~8 FEET

SAMPLE #3: COMPOSITE SPOIL 2 DEPTH: _____ FEET

SAMPLE #4: " SPOIL 1 DEPTH: _____ FEET

SAMPLE #5: _____ DEPTH: _____ FEET

SAMPLE #6: _____ DEPTH: _____ FEET

SAMPLE #7: _____ DEPTH: _____ FEET

SAMPLE #8: _____ DEPTH: _____ FEET

SAMPLE #9: _____ DEPTH: _____ FEET

SAMPLE #10: _____ DEPTH: _____ FEET

SAMPLES TANKEN BY: _____ DATE: _____

ECSD PERSONNEL PRESENT: _____

SAMPLE #1: _____ DEPTH: _____ FEET

SAMPLE #2: _____ DEPTH: _____ FEET

SAMPLE #3: _____ DEPTH: _____ FEET

SAMPLE #4: _____ DEPTH: _____ FEET

SAMPLE #5: _____ DEPTH: _____ FEET

SAMPLE #6: _____ DEPTH: _____ FEET

SAMPLE #7: _____ DEPTH: _____ FEET

SAMPLE #8: _____ DEPTH: _____ FEET

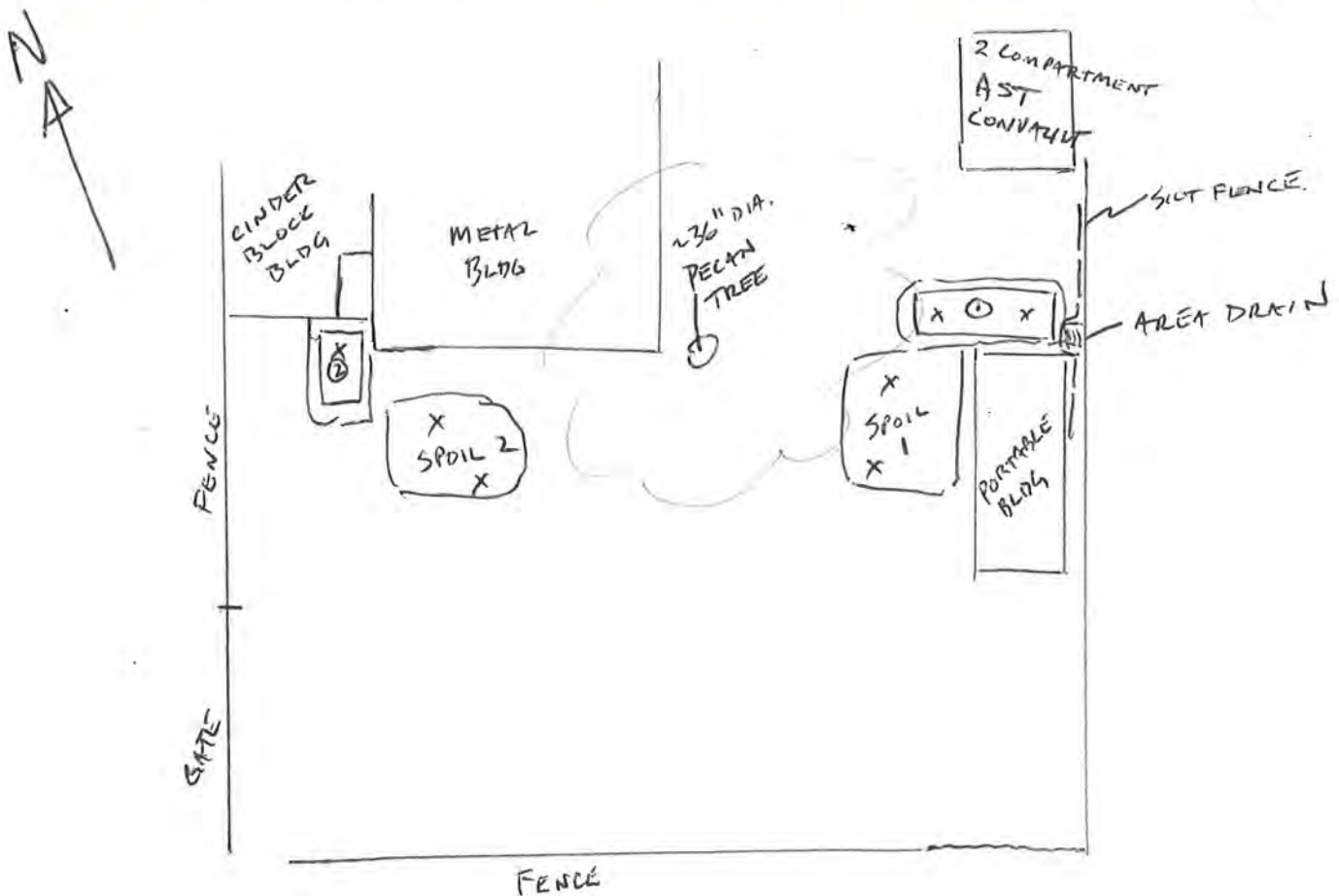
SAMPLE #9: _____ DEPTH: _____ FEET

SAMPLE #10: _____ DEPTH: _____ FEET

DRAW DIAMGRAM BELOW OF EXCAVATION WITH LOCATIONS OF TANKS 1 - 6.
LABEL ANY REMAINING USTs OR HAZARDS LEFT ON SITE.

MARK (X) SAMPLE LOCATIONS.

tank hole to remain open until soil samples are returned - backfilled



MOFFITT MAINTENANCE, INC.
11502 Titian Dr.
Austin, Texas 78758

Sept. 19, 1994

CITY OF AUSTIN
ENVIRONMENTAL AND CONSERVATION SERVICES DEPT.
301 W. 2nd St.
Austin, Texas 78767

Re: Tank removal, City of Austin
2221 Barton Springs Rd., Austin, Texas

* 2/201

Dear Mr. Schwarting,

On April 27, 1994 one- 1000 gallon steel UST and one- 500 gallon steel UST were permanently removed from service at the above referenced facility. Mr. Eric Harris from the City of Austin ECSD was present for the removal. Both tanks had contained gasoline and were under asphalt cover. The tank cover was removed and the tanks were pumped out. The fluids removed were taken to UNITED PUMP SUPPLY INC. for disposal. The tanks were vapor freed using an air eductor and were verified to be non-explosive using an explosimeter. The product lines and the vent lines were removed. The tanks were taken to TANK CRAFTERS UNLIMITED for destruction. After removal four soil samples were taken and analyzed for TPH and BTEX: one two-part bottom composite under each tank and one four-part backfill composite from each tank pit. The sample results showed some contamination under the 500 gallon tank and the pit was over-excavated. Samples were retaken for that tank pit: one two-part bottom composite and one four-part backfill composite. The second set of samples came back clean. Both tank pits were then backfilled with clean fill and the concrete cover was replaced. The backfill stockpile from the 500 gallon tank pit (approximately 36 cu. yds) was hauled to the City Landfill on FM 812 for disposal. Enclosed please find copies of the sample results, a copy of the manifests for the fluid and soil disposal, and a certificate of destruction for the tanks. Also enclosed is a site diagram and photographs of the site. If additional information is needed or if I can be of assistance, please contact me.

Thank You,



Stephen R. Moffitt, President

Client: Moffitt Maintenance, Inc.
 11502 Titian
 Austin, TX 78758
 Attn: Steve Moffitt 835-7472

Report #: 47710 **Page 1**
Report Date: 5/10/94

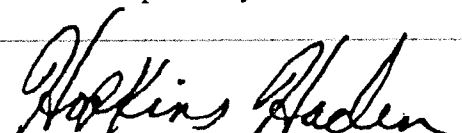
Project Description: COA Zilker
Sample Name: #1 550 Bottom **Matrix:** Soil
Date/Time Taken: 4/27/94 3:00:00 **Date/Time Received:** 4/27/94 4:00:00

Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Petroleum hydrocarbons	450	mg/Kg	10	<10	5/2/94	418.1
Volatile organics-BTEX/602	see enclosed				5/1/94	602&8020
Benzene	<20	µg/Kg	20	<1	5/1/94	602&8020
Ethylbenzene	1100	µg/Kg	20	<1	5/1/94	602&8020
m-Xylene	9800	µg/Kg	20	<1	5/1/94	602&8020
o-Xylene	11000	µg/Kg	20	<1	5/1/94	602&8020
p-Xylene	3900	µg/Kg	20	<1	5/1/94	602&8020
Toluene	540	µg/Kg	20	<1	5/1/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,


 Hopkins Haden

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

© Copyright 1994 AnalySys, Inc., Austin, Texas. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

Client: Moffitt Maintenance, Inc.
 11502 Titian
 Austin, TX 78758
 Attn: Steve Moffitt 835-7472

Report #: 47711 **Page** 1
Report Date: 5/10/94

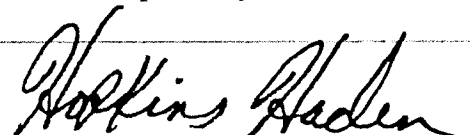
Project Description: COA Zilker
Sample Name: #2 550 Backfill Comp **Matrix:** Soil
Date/Time Taken: 4/27/94 3:10:00 **Date/Time Received:** 4/27/94 4:00:00

Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Petroleum hydrocarbons	<10	mg/Kg	10	<10	5/2/94	418.1
Volatile organics-BTEX/602	see enclosed				5/1/94	602&8020
Benzene	<20	µg/Kg	20	<1	5/1/94	602&8020
Ethylbenzene	<20	µg/Kg	20	<1	5/1/94	602&8020
m-Xylene	<20	µg/Kg	20	<1	5/1/94	602&8020
o-Xylene	<20	µg/Kg	20	<1	5/1/94	602&8020
p-Xylene	<20	µg/Kg	20	<1	5/1/94	602&8020
Toluene	<20	µg/Kg	20	<1	5/1/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,


 Hopkins Haden

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

© Copyright 1994 AnalySys, Inc., Austin, Texas. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

QUALITY ASSURANCE

Client: Moffitt Maintenance, Inc.
11502 Titian
Austin, TX 78758
Attn: Steve Moffitt 835-7472

Report #: 47710 Page 2

Project Description: COA Zilker

Sample Name: #1 550 Bottom

Date/Time Taken: 4/27/94 3:00:00

Matrix: Soil
Date/Time Received: 4/27/94 4:00:00

Q.A. Data Report ¹

Parameter	Precision ²	Recovery ³
Petroleum hydrocarbons	22.2	53.8
Benzene	5.1	94.1
Ethylbenzene	3.7	94.8
m-Xylene	3.9	94.6
o-Xylene	4.2	97.4
p-Xylene	3.3	94.5
Toluene	4.1	95.7

Surrogate Recoveries

Surrogate Compound	Method	Recovery ³
Pentafluorobenzene(surr)	602&8020	101.4

1. QA data reported is for the lot analyzed which included this sample.
2. Precision is the absolute value of the percent difference between duplicate measurements.
3. Recovery is the percent of analyte recovered from spiked samples.

Client: Moffitt Maintenance, Inc.
11502 Titian
Austin, TX 78758
Attn: Steve Moffitt

Report #: 47711 Page 2

Project Description: COA Zilker

Sample Name: #2 550 Backfill Comp

Matrix: Soil

Date/Time Taken: 4/27/94 3:10:00

Date/Time Received: 4/27/94 4:00:00

Q.A. Data Report ¹

Parameter	Precision ²	Recovery ³
Petroleum hydrocarbons	22.2	53.8
Benzene	5.1	94.1
Ethylbenzene	3.7	94.8
m-Xylene	3.9	94.6
o-Xylene	4.2	97.4
p-Xylene	3.3	94.5
Toluene	4.1	95.7

Surrogate Recoveries

Surrogate Compound	Method	Recovery ³
Pentafluorobenzene(surr)	602&8020	96.3

-
1. QA data reported is for the lot analyzed which included this sample.
 2. Precision is the absolute value of the percent difference between duplicate measurements.
 3. Recovery is the percent of analyte recovered from spiked samples.

CHAIN-OF-CUSTODY

AnalySys, Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744

Send Reports To:

Company Name MOFFITT MAINT. INC.
Address 11502 TITIAN DR
City AUSTIN State TX Zip 78758
ATTN: STEVE
Phone 835-7472 Fax 835-0149

Bill to (if different):

Company Name _____
Address _____
City _____ State _____ Zip _____
ATTN: _____
Phone _____ Fax _____

Analyses Requested (1)
Please attach explanatory information as required

Project Name/PO#: COA ZILKER Sampler: STEVE

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Analyses Requested (1)										Comments						
								Please attach explanatory information as required																
#1 550 BOTTOM	4-27-94	15:00	1	✓			477210	✓	✓															
#2 550 BACKFILL COMP	✓	15:10	1	✓			477211	✓	✓															
#3 1000 BOTTOM COMP	✓	15:15	1	✓			477212	✓	✓															
#4 1000 BACKFILL COMP	✓	15:15	1	✓			477213	✓	✓															

1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL).

Special billing instructions (see back) YES NO (to be completed by AnalySys, Inc. personnel only)

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
S. MOFFITT	MOFFITT MAINT. INC.	4-27-94	16:00	[Signature]	ASI	4/27/94	16:00

Turning of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.



4221 Freidrich Lane, Suite 190, Austin, Texas 78744-1044 ☐ (512) 444-5896 FAX: (512) 447-4766

Client: Moffitt Maintenance, Inc.
11502 Titian
Austin, TX 78758
Attn: Steve Moffitt 835-7472

Report #: 48778 Page 1
Report Date: 6/16/94

Project Description: C.O.A. - Zilker
Sample Name: #1 500 Bottom Comp. Matrix: Soil
Date/Time Taken: 6/7/94 4:50:00 Date/Time Received: 6/7/94 5:25:00

Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Petroleum hydrocarbons	<10	mg/Kg	10	<10	6/10/94	418.1
Volatile organics-BTEX/602	—				6/9/94	602&8020
Benzene	<20	µg/Kg	20	<1	6/9/94	602&8020
Ethylbenzene	<20	µg/Kg	20	<1	6/9/94	602&8020
m-Xylene	<20	µg/Kg	20	<1	6/9/94	602&8020
o-Xylene	<20	µg/Kg	20	<1	6/9/94	602&8020
p-Xylene	<20	µg/Kg	20	<1	6/9/94	602&8020
Toluene	<20	µg/Kg	20	<1	6/9/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

© Copyright 1994 AnalySys, Inc., Austin, Texas. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

Client: Moffitt Maintenance, Inc.
11502 Titian
Austin, TX 78758
Attn: Steve Moffitt 835-7472

Report #: 48779 **Page 1**
Report Date: 6/16/94

Project Description: C.O.A. - Zilker

Sample Name: #2 Backfill Comp.

Date/Time Taken: 6/7/94 4:55:00

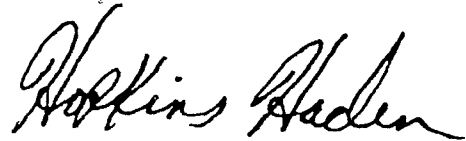
Matrix: Soil
Date/Time Received: 6/7/94 5:25:00

Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Petroleum hydrocarbons	<10	mg/Kg	10	<10	6/10/94	418.1
Volatile organics-BTEX/602	--				6/9/94	602&8020
Benzene	<20	µg/Kg	20	<1	6/9/94	602&8020
Ethylbenzene	<20	µg/Kg	20	<1	6/9/94	602&8020
m-Xylene	<20	µg/Kg	20	<1	6/9/94	602&8020
o-Xylene	<20	µg/Kg	20	<1	6/9/94	602&8020
p-Xylene	<20	µg/Kg	20	<1	6/9/94	602&8020
Toluene	<20	µg/Kg	20	<1	6/9/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,



Hopkins Haden

All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

© Copyright 1994 AnalySys, Inc., Austin, Texas. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means without the express permission of AnalySys, Inc.

QUALITY ASSURANCE

Client: Moffitt Maintenance, Inc.
11502 Titian
Austin, TX 78758
Attn: Steve Moffitt 835-7472

Report #: 48778 Page 2

Project Description: C.O.A. - Zilker

Sample Name: #1 500 Bottom Comp.

Matrix: Soil

Date/Time Taken: 6/7/94 4:50:00

Date/Time Received: 6/7/94 5:25:00

Q.A. Data Report ¹

Parameter	Precision ²	Recovery ³
Petroleum hydrocarbons	0	54.9
Benzene	0.4	102.6
Ethylbenzene	0.7	105.1
m-Xylene	0.6	105.2
o-Xylene	0.4	104.8
p-Xylene	0	104.9
Toluene	0.1	104.7

Surrogate Recoveries

Surrogate Compound	Method	Recovery ³
Pentafluorobenzene(surr)	602&8020	104.8

1. QA data reported is for the lot analyzed which included this sample.
2. Precision is the absolute value of the percent difference between duplicate measurements.
3. Recovery is the percent of analyte recovered from spiked samples.

Client: Moffitt Maintenance, Inc.
11502 Titian
Austin, TX 78758
Attn: Steve Moffitt 835-7472

Report #: 48779 Page 2

Project Description: C.O.A. - Zilker

Sample Name: #2 Backfill Comp.

Matrix: Soil

Date/Time Taken: 6/7/94 4:55:00

Date/Time Received: 6/7/94 5:25:00

Q.A. Data Report ¹

Parameter	Precision ²	Recovery ³
Petroleum hydrocarbons	0	54.9
Benzene	0.4	102.6
Ethylbenzene	0.7	105.1
m-Xylene	0.6	105.2
o-Xylene	0.4	104.8
p-Xylene	0	104.9
Toluene	0.1	104.7

Surrogate Recoveries

Surrogate Compound	Method	Recovery ³
Pentafluorobenzene(surr)	602&8020	105.4

-
1. QA data reported is for the lot analyzed which included this sample.
 2. Precision is the absolute value of the percent difference between duplicate measurements.
 3. Recovery is the percent of analyte recovered from spiked samples.

CHAIN-OF-CUSTODY

Send Reports To:

Company Name MOFFITT MAINT. INC.
 Address 11502 TITIAN DR
 City AUSTIN State TX Zip 78758
 ATTN: STEVE
 Phone 835-7472 Fax 835-0149

Bill to (if different):

Company Name _____
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

AnalySys, Inc.
 4221 Freidrich Lane, Suite 190, Austin, TX 78744

Project Name/PO#: C.O.A. - ELKER Sampler: STEVE

Analyses Requested (1)
 Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Analyses Requested (1)										Comments				
								BTEX	TPH													
#1 500 BOTTOM COMP.	6-7-94	16:50	1	✓			48778	✓	✓													
#2 BACKFILL COMP.	6-7-94	16:55	1	✓			48779	✓	✓													

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL).

Special billing instructions (see back) YES NO (to be completed by AnalySys, Inc. personnel only)

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
S. MOFFITT	MOFFITT MAINT. INC.	6-7-94	17:18	[Signature]	AnalySys, Inc.	6-7-94	17:25

Transfer of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms & conditions.

Certificate of Destruction

Date: 7-31-94

Scrapping/Disposal Company:

Site of Destruction:

TANK CRAFTERS UNLIMITED
P.O. Box 141652
AUSTIN, TX. 78714-1652

MANDA + JACOBSON RD.
TRAVIS COUNTY
TEXAS

Tank Removal Contractor:

MOFFITT MAINTENANCE
11502 TITAN DR.
AUSTIN TEXAS 78753

Tank Identification:

Tank No: 142
Size: 1-1000 GAL 1-550 GAL
Location: Company 311th PARK
Address _____
City/State AUSTIN TEXAS

Destruction Date: 7-24-94

I certify that the above described tank has been rendered unusable for the storage of any fluids, and all removed fluids, sludges, and the tanks were disposed of in accordance with all applicable local, state, and federal regulations.

BY Darryl W. Ledbetter

Title

07/01/94

Landfill
For Date Range 06/01/94 To 06/30/94

Time 10:5

Current Transactions By Date

ACCOUNT # MOFMAI				ACCOUNT NAME: MOFFITT MAIN												
Trans#	Stckr#	Trailr	Date	Time	Sc	MT	Material	Type	Gross	Tare	Net	Vol	TipFee\$	Spcfee\$	TotFee\$	Code

255983	0	0	06/14/94	15:59	LF	20	UnCompacted-Other	C	0	0	0	12.0	48.00	0.00	48.00	
255984	0	0	06/14/94	16:01	LF	20	UnCompacted-Other	C	0	0	0	12.0	48.00	0.00	48.00	
256025	0	0	06/15/94	07:20	LF	22	Contam.Soil-PU	C	0	0	0	12.0	48.00	0.00	48.00	

CHARGE
TRANSACTIONS: 3 NET: 0.000 VOL: 36.0 \$144.00

NON-CHARGE
TRANSACTIONS: 0 NET: 0.000 VOL: 0.0 \$0.00 PD

=====

TOTAL																
TRANSACTIONS:	3						NET:	0.000					VOL:	36.0		\$144.00

CODE: PD = PAID CASH, NC = NO CHARGE, CK = CHECK, CC = CREDIT CARD, CP = COUPON

united pump supply inc.



10931 DENNIS RD., DALLAS, TEXAS 75229
 (214) 241-8837 METRO 263-1668
 TEXAS WATS 1-800-442-3792

INVOICE NO. 67933

S 4495003
 O MOFFITT MAINTENANCE
 D 11502 TITIAN DR.
 T AUSTIN TX 78758
 O

S
 H ZILKER PARK
 I
 P
 T
 O

DATE	SHIP VIA	TERMS	SLSM.	YOUR ORDER NUMBER
/04/94	PICK UP	NET 30 DAYS	9	

B/O	SHIPPED	PART NO.	LINE NO.	DESCRIPTION	UNIT PRICE	NET PRICE
0	30	MIS-DISPOSAL	10	CONTAMINATION DISPOSAL P/GAL	0.75	22.50
<i>We Appreciate Your Business</i>						

S/O 29909

SUB-TOTAL 22.50

TOTAL DUE 22.50

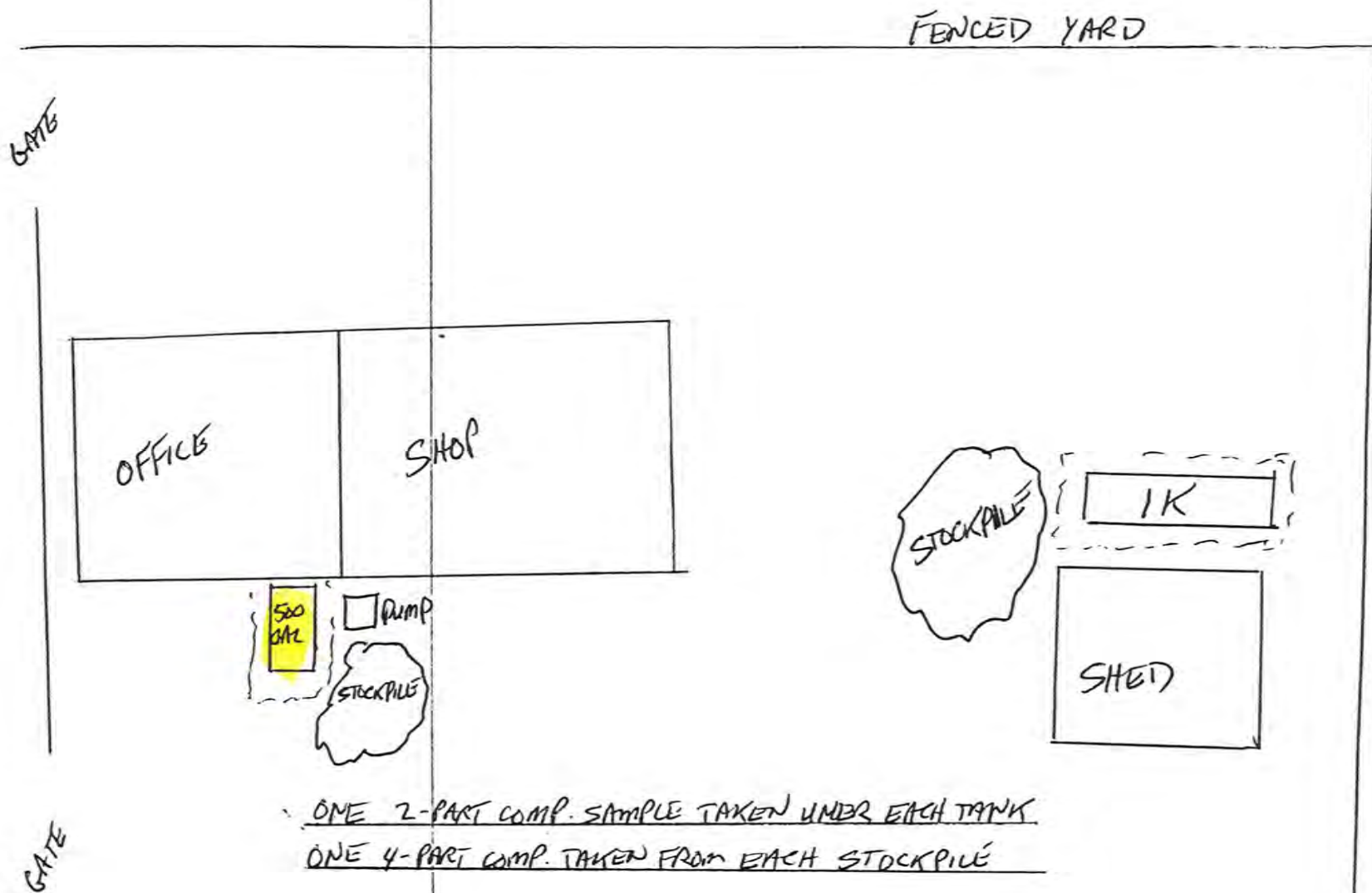
FOB DALLAS, TX.

OF ORIGINAL EQUIPMENT MANUFACTURER'S (OEM) PRODUCTS IS SUBJECT TO THE OEM'S WARRANTY PROVISIONS AND UNDER NO CIRCUMSTANCES SHALL THE SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO INCLUDE, BUT NOT LIMITED TO, LOSS OF PROFIT, LOSS OF PRODUCT, OR ANY OTHER ASSOCIATED THEREWITH. ALL RETURNS MUST HAVE WRITTEN AUTHORIZATION AND BE ACCOMPANIED BY A COPY OF THE INVOICE OR PACKING SLIP, BE IN GOOD CONDITION AND BE MADE WITHIN 10 DAYS. ELECTRONIC AND NON-STOCK MERCHANDISE ARE NON-RETURNABLE. EXCHANGE ITEMS MUST BE RETURNED WITHIN 45 DAYS FROM DATE OF PURCHASE. A 15% RESTOCKING CHARGE WILL BE MADE ON ALL RETURNED GOODS. ALL CLAIMS FOR DAMAGES OR SHORTAGES MUST BE MADE WITHIN 10 DAYS. THIS INVOICE IS PAYABLE IN DALLAS COUNTY, TEXAS, AT THE OFFICES OF UNITED PUMP SUPPLY, INC. 10931 DENNIS ROAD, DALLAS, TEXAS 75229. PAST DUE ACCOUNTS ARE SUBJECT TO A SERVICE CHARGE PER MONTH.



500 GALLON

SERVILE CTR. - 2221 BARTON SPGS. RD.



FOLLOWING OVER-EXCAVATION, A SECOND SET OF SAMPLES
WERE TAKEN FROM THE 500 GAL. PIT: ONE BOTTOM
COMP. & ONE BACKFILL COMP.



CITY OF AUSTIN
HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION: The Eagle Train @ Ziker Park
BUSINESS NAME
2201 Barton Springs
STREET ADDRESS, ZIP CODE

TEST DATE: 6/20/86
 TEST TYPE: Mooney

OWNER/CONTACT: _____
NAME

STREET ADDRESS, ZIP CODE

TELEPHONE NUMBER

BLDG PERMIT # 1 DATED _____
 HMS PERMIT # 1 DATED _____

CONTRACTOR/TESTER: Tank Check
BUSINESS NAME
Larry
TESTER/JOB FOREMAN NAME

NEW FACILITIES:
 WATER BALLASTING
 PRECISION TANK TEST

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE RESULTS
regular leaded/1K	steel	pass / - .00475 gph
backfill material	was sandy clay	
water table present	~ 10" from bottom of tank up	

LINE TEST DATA:

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE RESULTS
regular/suction line	steel	pass / - .00475 gph
system being performed		

Jennifer Elliott
 INSPECTOR'S SIGNATURE



AUSTIN FIRE DEPARTMENT INSPECTION REPORT

- Regular Inspection
- Reinspection
- License Inspection

Address # 2201	Dir.	Street Name Barton Springs Road	Type	Suite/Unit	Zip Code 78704	Inspection Date 9/24/86
-------------------	------	------------------------------------	------	------------	-------------------	----------------------------

PROPERTY MANAGEMENT

1. Occupancy Name Zilker Park Railroad	Phone # 478-8167	2. Occupancy Manager	Home Phone #
3. Occupancy Type PA <input type="checkbox"/> ED <input type="checkbox"/> IN <input type="checkbox"/> RS <input type="checkbox"/> SO <input type="checkbox"/> ID <input type="checkbox"/> MF <input type="checkbox"/> ST <input type="checkbox"/> SP <input type="checkbox"/>		4. Building/Property Owner/Agent Phone #	
5. Fire Insurance Co. Phone #		6. Additional Emergency Contact Phone #	

BUILDING DATA

7. Construction Type FR <input type="checkbox"/> HT <input type="checkbox"/> PNC <input type="checkbox"/> UNC <input type="checkbox"/> PO <input type="checkbox"/> UO <input type="checkbox"/> PWF <input type="checkbox"/> UWF <input type="checkbox"/>		8. Size of Occup. _____ sq. ft.	9. Occup. Load Yes <input type="checkbox"/> # _____ No <input type="checkbox"/>	10. Elevators Yes <input type="checkbox"/> No <input type="checkbox"/>	
11. Basement Yes <input type="checkbox"/> sq. ft. _____ No <input type="checkbox"/>	12. Guard Dogs Yes <input type="checkbox"/> No <input type="checkbox"/>	13. Lock Box Yes <input type="checkbox"/> No <input type="checkbox"/>	14. Hood System Yes <input type="checkbox"/> No <input type="checkbox"/>	15. Fire Pump Yes <input type="checkbox"/> No <input type="checkbox"/>	16. Fire Zones Yes <input type="checkbox"/> No <input type="checkbox"/>
17. Sprinkler System Full <input type="checkbox"/> Part <input type="checkbox"/> Intake _____ Cutoff _____ None <input type="checkbox"/>		18. Standpipe Class I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> Intake _____ None <input type="checkbox"/>		19. Fire Alarm System Yes <input type="checkbox"/> No <input type="checkbox"/>	20. Height _____ stories
21. Flam./Haz. Materials Yes <input checked="" type="checkbox"/> Type <u>Flam.</u> Quantity _____ No <input type="checkbox"/>		22. Cutoff Locations Elec. _____ Water _____ Gas _____		23. Change From Last Report Yes <input type="checkbox"/> Item # _____ No <input type="checkbox"/>	

Item #	VIOLATIONS	Code Ref.	Corr.	REMARKS
1.	Vent line discharge outlet	Art. 79		
2.	must direct vapors vertically			
3.	or horizontally but not			
4.	downward.			
5.	Need additional sign stating			
6.	no filling of unapproved			
7.	containers allowed.	Art. 79		
8.	Need an additional sign			
9.	stating "NO SMOKING", "TURN			
10.	OFF MOTOR", and "NO FILLING			
11.	of unapproved containers.			

The items noted above are in violation of City of Austin Code 13-7-1, as amended. This is an official notice of ordinance violation requiring immediate correction. This occupancy is subject to reinspection after _____ days. Failure to comply with this notice is a Class C misdemeanor punishable by a fine not to exceed \$1000. This inspection is intended for your safety and the safety of the citizens of Austin. For information concerning this inspection call 448-2455.

Copy received by:

- Owner
- Manager
- Employee

Bruce F. [Signature]

Inspector/Assignment: *[Signature]*

<input type="checkbox"/> Referred to Fire Prev. Div.	Date 10/24/86	<input type="checkbox"/> Case filed	Date	Disposition
--	------------------	-------------------------------------	------	-------------



AUSTIN FIRE DEPARTMENT INSPECTION REPORT

- Regular Inspection
- Reinspection
- License Inspection

Address # 2201	Dir.	Street Name Barton Springs Rd.	Type	Suite/Unit	Zip Code 78704	Inspection Date 9/29/86
-------------------	------	-----------------------------------	------	------------	-------------------	----------------------------

PROPERTY MANAGEMENT

1. Occupancy Name Zilker Park Railroad		Phone # 178-8167	2. Occupancy Manager		Home Phone #
3. Occupancy Type PA <input type="checkbox"/> ED <input type="checkbox"/> IN <input type="checkbox"/> RS <input type="checkbox"/> SO <input type="checkbox"/> ID <input type="checkbox"/> MF <input type="checkbox"/> ST <input type="checkbox"/> SP <input type="checkbox"/>			4. Building/Property Owner/Agent		Phone #
5. Fire Insurance Co.		Phone #	6. Additional Emergency Contact		Phone #

BUILDING DATA

7. Construction Type FR <input type="checkbox"/> HT <input type="checkbox"/> PNC <input type="checkbox"/> UNC <input type="checkbox"/> PO <input type="checkbox"/> UO <input type="checkbox"/> PWF <input type="checkbox"/> UWF <input type="checkbox"/>		8. Size of Occup. _____ sq. ft.	9. Occup. Load Yes <input type="checkbox"/> # _____ No <input type="checkbox"/>	10. Elevators Yes <input type="checkbox"/> No <input type="checkbox"/>	
11. Basement Yes <input type="checkbox"/> sq. ft. _____ No <input type="checkbox"/>	12. Guard Dogs Yes <input type="checkbox"/> No <input type="checkbox"/>	13. Lock Box Yes <input type="checkbox"/> No <input type="checkbox"/>	14. Hood System Yes <input type="checkbox"/> No <input type="checkbox"/>	15. Fire Pump Yes <input type="checkbox"/> No <input type="checkbox"/>	16. Fire Zones Yes <input type="checkbox"/> No <input type="checkbox"/>
17. Sprinkler System Full <input type="checkbox"/> Part <input type="checkbox"/> Intake _____ Cutoff _____ None <input type="checkbox"/>		18. Standpipe Class I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> Intake _____ None <input type="checkbox"/>		19. Fire Alarm System Yes <input type="checkbox"/> No <input type="checkbox"/>	
20. Height _____ stories		21. Flam./Haz. Materials Yes <input checked="" type="checkbox"/> Type <u>Flam.</u> Quantity _____ No <input type="checkbox"/>		22. Cutoff Locations Elec. _____ Water _____ Gas _____	
		23. Change From Last Report Yes <input type="checkbox"/> Item # _____ No <input type="checkbox"/>			

Item #	VIOLATIONS	Code Ref.	Corr.	REMARKS
1.	Need vapor sealing lid on fill pipe inlet. Should have a cap with gasket or vapor sealing lid.	Am. 79		
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				

The items noted above are in violation of City of Austin Code 13-7-1, as amended. This is an official notice of ordinance violation requiring immediate correction. This occupancy is subject to reinspection after _____ days. Failure to comply with this notice is a Class C misdemeanor punishable by a fine not to exceed \$1000. This inspection is intended for your safety and the safety of the citizens of Austin. For information concerning this inspection call 448-2455.

Copy received by:

- Owner
- Manager
- Employee

Inspector/Assignment <i>[Signature]</i>		Date 10/22/86	<input type="checkbox"/> Referred to Fire Prev. Div.	<input type="checkbox"/> Case filed	Date	Disposition
--	--	------------------	--	-------------------------------------	------	-------------

CITY OF AUSTIN
 HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
 TANK/LINE TEST DATA SHEET

LOCATION: Zilker Park
 BUSINESS NAME
Fenced in compound (Grain)
 STREET ADDRESS, ZIP CODE

TEST DATE: 10/28/87

TEST TYPE: Med. Moisture

OWNER/CONTACT: _____
 NAME

BLDG PERMIT # 1 DATED

STREET ADDRESS, ZIP CODE

HMS PERMIT # 1 DATED

TELEPHONE NUMBER

Water Level in Obs. Well? 2 3/4" in bed
 Presence of HC? NO

CONTRACTOR/TESTER: Tank CK
 BUSINESS NAME

NEW FACILITIES:
 BALLAST WITH WATER
 BALLAST WITH PRODUCT

Larry Tank
 TESTER/JOB FOREMAN NAME

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
<u>1K Reg</u>	<u>Steel</u>		<u>7.04</u>

LINE TEST DATA:

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS
<u>Suction</u>			

[Signature]
 INSPECTOR'S SIGNATURE

CITY OF AUSTIN
HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION: Zilker Trigon
BUSINESS NAME
Zilker Park
STREET ADDRESS, ZIP CODE

TEST DATE: 7-1-88

TEST TYPE: Leak-Test

OWNER/CONTACT: _____
NAME

BLDG PERMIT # 1 DATED

STREET ADDRESS, ZIP CODE

01898 17-1-89
HMS PERMIT # DATED

TELEPHONE NUMBER

Water Level in Obs. Well? 1 1/2 inch

Presence of HC? NONE

CONTRACTOR/TESTER: Ted Clark
BUSINESS NAME

NEW FACILITIES:

Kenny Mark
TESTER/JOB FOREMAN NAME

BALLAST WITH WATER

BALLAST WITH PRODUCT

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
1K	Steel		.018

LINE TEST DATA:

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS
Section	Steel		

[Signature]
INSPECTOR'S SIGNATURE

AI
DK

CITY OF AUSTIN
HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION: Zilker Park Railroad
BUSINESS NAME
2201 Barton Springs Rd.
STREET ADDRESS, ZIP CODE

TEST DATE: 8-30-89
TEST TYPE: TANK CHECK

OWNER/CONTACT: _____
NAME

STREET ADDRESS, ZIP CODE

TELEPHONE NUMBER

BLDG PERMIT # 1 DATED _____
01898 18-20-90
HMS PERMIT # _____ DATED _____

Water Level in Obs. Well? _____

Presence of HC? _____

NEW FACILITIES:

BALLAST WITH WATER

BALLAST WITH PRODUCT

CONTRACTOR/TESTER: Tank check
BUSINESS NAME
JOHN D. MILLER
TESTER/JOB FOREMAN NAME

TANK TEST DATA:

TANK ID/SIZE :	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
1K UNLEAD	STEEL		.0444 TIGHT

LINE TEST DATA:

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS

DTR

CITY OF AUSTIN
HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION: Zilker Park Railroad
BUSINESS NAME
2201 Barton Springs
STREET ADDRESS, ZIP CODE

TEST DATE: 5/23/90
TEST TYPE: Precision

OWNER/CONTACT: _____
NAME

STREET ADDRESS, ZIP CODE

TELEPHONE NUMBER

BLDG PERMIT # 1 DATED _____
01898 / 1991
HMS PERMIT # _____ DATED _____

Water Level in Obs. Well? _____
Presence of HC? _____
NEW FACILITIES:
BALLAST WITH WATER
BALLAST WITH PRODUCT

CONTRACTOR/TESTER: Tank ✓
BUSINESS NAME
Richard Rollins
TESTER/JOB FOREMAN NAME

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS
ON 1K	Steel		0.0385 tight

LINE TEST DATA: Suction

LINE IDENTIFICATION	CONSTRUCTION MATERIAL	PRESSURE	RESULTS

INSPECTOR'S SIGNATURE _____

(HMS 520 G/II)

DTR

CITY OF AUSTIN HAZARDOUS MATERIALS STORAGE AND REGISTRATION ORDINANCE
TANK/LINE TEST DATA SHEET

LOCATION Name: Zilker Park Railroad

TEST DATE: 6-18-91

Address: 2201 Barton Springs Rd.

TEST TYPE: Precision

OPERATOR/CONTACT: Charles Beall

PERMIT #: 01898

Address: _____

NEW FACILITIES:
Ballast with water
Ballast with product

Tel #: 327-1000

TESTING COMPANY: Tanker

Water level in Obs. Well? _____

Foreman./Tester Name: Don Parker

Presence of EC? _____

SYSTEM INFO (Circle):- Pump Type Suction / Remote .. Leak Detectors .. Shear Valves ..
Spill Catchment Basin .. Overfill Protection

COMMENTS: _____

TANK TEST DATA:

TANK ID/SIZE	CONSTRUCTION MATERIAL	AIR PRESSURE	RESULTS	TIGHT/ FAILED
UN 1K	Steel		.0392	T

LINE TEST DATA:

LINE ID	CONSTRUCTION MATERIAL	PRESSURE	RESULTS	TIGHT/ FAILED
UN			.019	T

(1) / K Tank

DTR

OFFICIAL USE ONLY
ID# 01898
DATE 6-18-94
BY SMS

HAZARDOUS MATERIALS PERMIT APPLICATION - MATERIALS MANAGEMENT PLAN
CITY OF AUSTIN ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
PART I: GENERAL INFORMATION ON UNDERGROUND STORAGE TANK (UST) LOCATION

UST Location Name/Address: ZILKER PARK RAILROAD (ZILKER EAGLE, INC.)
1301 BARTON SPRINGS RD, AUSTIN, TX. 78704 Phone: 478-8167
Principle Business Activity: RECREATION

UST Operator Name/Mailing Address (if different from Owner): _____
Phone: _____

UST Owner Name/Mailing Address: ZILKER EAGLE, INC.
1301 CAP OF TX HWY - B-125, AUSTIN, TX - 78746 Phone: 327-1000
Primary Emergency Contact Name: CHARLES BEALL
Business Phone: 327-1000 Home Phone: 328-5297

Permit Applicant/Responsible Party: Owner Operator

Note: Either the Operator or the Owner must be designated as the party responsible for the application and on-going compliance with this permit. If Owner and Operator are the same, please indicate.

Signature/Title: Charles Beall - President

Permit Applicant/Responsible Party agrees that the information contained in this permit application is true and correct to the best of his or her knowledge. Applicant agrees to abide by the requirements of this permit and all related Codes of the City of Austin.

OFFICIAL USE ONLY

REC'D 7-16-91
BY SMS
PAID \$120⁰⁰
CHECK # 2573

ECSD REVIEW:
DATE 7-17-91
BY SMS

ECSD APPROVAL:
DATE _____
BY _____

DTR

CITY OF AUSTIN
ENVIRONMENTAL AND CONSERVATION SERVICES DEPARTMENT
TANK/LINE TEST DATA SHEET

LOCATION Name: Zilber Railroad TEST DATE: 9-1-92
Address: 2201 Barton Springs Rd. TEST TYPE: Precision
OPERATOR/CONTACT: Charles Beall *RETEST DATE: _____

Address: _____ PERMIT #: 01898
Tel #: 327-1000

TESTING COMPANY: Heg Corp.
Foreman/Tester Name: Richard Lewis NEW FACILITIES:
Ballast with water
Ballast with product
Water level in Obs. Well? 0
Presence of HC? _____

SYSTEM INFO (Circle): Pump Type - Suction / Pressure ... Leak Detectors ... Shear Valves ... Corrosion Protection ...
Spill Catchment Basin ... Overfill Protection ... Dispenser Catchment Basin

COMMENTS: _____

TANK TEST DATA:

TANK ID/SIZE	TANK MATERIAL	AIR PRESSURE		RESULTS	TIGHT/ * FAILED
		Inner	Outer		
<u>VL 1K</u>	<u>Steel</u>			<u>-.0095</u>	<u>T</u>

LINE TEST DATA:

TANK ID/SIZE	PIPING MATERIAL	AIR PRESSURE		RESULTS	TIGHT/ * FAILED
		Inner	Outer		
<u>UN</u>	<u>Steel</u>			<u>-.008</u>	<u>T</u>

ZILKER PARK
PHASE 1, TASK 6 - REMEDIAL ACTION REPORT
AUSTIN, TEXAS

Prepared for
CITY OF AUSTIN, TEXAS
September 30, 1998



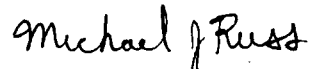
Prepared by
EMCON
2579 Western Trails Blvd., Suite 130
Austin, Texas 78745
512/892-6755

Project 62786-002.001

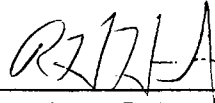
**Zilker Park Phase I, Task 6 - Remedial Action Report
Austin, Texas**

The material and data in this report were prepared under the supervision and direction of the undersigned.

EMCON



Michael J. Russ, P.E.
Senior Engineer



Rex Hunt, P.E.
Senior Engineer

CONTENTS

LIST OF TABLES AND ILLUSTRATIONS	iv
1 INTRODUCTION AND BACKGROUND	1-1
2 CONCERNS IDENTIFIED	2-1
2.1 Exposed Waste	2-1
2.2 Settlement	2-1
3 FUTURE USE	3-1
4 ENGINEERING ALTERNATIVES	4-1
4.1 Groundwater Monitoring	4-2
4.2 Regrading and Soil Cover	4-2
4.3 Landfill Gas Management	4-4
4.4 Development On The Landfill	4-5
4.5 Slurry Wall	4-6
5 CONCLUSIONS AND RECOMMENDATIONS	5-1
6 LIMITATIONS	6-1
7 REFERENCES	7-1

TABLES AND ILLUSTRATIONS

Tables

1 - Remedial Action Summary

Figures

1 - Site Location Map
2 - Existing Conditions

1. INTRODUCTION AND BACKGROUND

The City of Austin retained EMCON to perform an investigation and assessment of the Butler Landfill located within Zilker Park. The first task was a preliminary environmental assessment of the landfill and included review and analysis of existing information. The findings were presented in a report entitled Zilker Park Landfill Project, Phase I, Task 1-Preliminary Site Assessment, dated December, 1997. Task 2 included a field investigation completed in March 1998 consisting of borings, installation of groundwater monitor wells, and landfill gas measurements. Task 3 consisted of analyzing groundwater samples collected during Task 2. Task 4 consisted of performing a risk assessment comparing the groundwater analytical data with the Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standards and the State Drinking Water Standards. Phase I, Task 5 was preparation of a report summarizing the findings of Tasks 2 through 4 in a report entitled Zilker Park Subsurface Investigation, dated June, 1998. This Remedial Action Report is Phase I, Task 6 of the project and presents the alternatives and recommendations for remedial actions at the site. This report concludes Phase I of the project.

The portion of Zilker Park studied contains an area called Butler Landfill. Wastes were dumped at Butler Landfill from approximately 1944 to 1967. The Town Lake Hike and Bike Trail and Town Lake form the lake-side boundary of the waste while Stratford Drive forms the southern boundary. The western boundary is Dry Creek and the eastern boundary is Lou Neff Road. The site location is presented on Figure 1 Location Map. An enlargement of the area with topography is presented as Figure 2, Existing Conditions. The estimated limits of waste encompass an area of approximately 22 acres.

The practical options for remedial action are presented in a tabular format for comparative evaluation in Table 1. The comparison includes cost ranges, which are intended to aid in a comparison between alternatives. The report concludes with recommendations for action at the former Butler Landfill.

2. CONCERNS IDENTIFIED

The field investigation did not identify new conditions at the site which are immediate threats to human health or the environment such as exposed putrescible waste. Waste has been previously reported to be exposed as the Dry Creek slope crest erodes. The field investigation indicates that the waste was disposed in various locations and not as a monolithic mass since some borings did not encounter waste. The area generally slopes toward Town Lake with water ponding along the Hike and Bike Trail. Groundwater was not found to be significantly impacted as detailed in the Phase I, Task 5 - Site Assessment Report.

The field investigation, risk assessment, and site assessment identified several concerns which may be addressed through engineering solutions. Based on the data available from the investigations, none of the concerns present an immediate threat to human health or the environment with the exception of exposed waste at Dry Creek. In the absence of immediate threats to human health or the environment, the remedial actions discussed in this report are proactive in that they reduce the potential for future impacts to human health or the environment.

A limited amount of waste is exposed on the ground surface. Differential settlement has resulted in ponding of water over some waste areas. The paved area under the Mopac Expressway (Loop 1) has settled significantly resulting in large potholes and an undulating surface which is undesirable for a parking area. Landfill gas was detected in significant concentrations at several locations across the landfill. Each of the concerns are discussed in this section. Solutions to these concerns are presented in Section 4, Engineering Solutions.

2.1 Exposed Waste

Inert debris including small fragments of glass are present on the ground surface west of the Mopac expressway bridges. A used tire is exposed on the edge of the Hike and Bike Trail under Mopac. Except for the bank of Dry Creek as mentioned above, no putrescible wastes were found to be exposed. Exposed waste west of Mopac is a general concern for public safety from possible cuts by glass debris; however the small pieces of glass do not represent a significant hazard. It is possible that the glass fragments were exposed by erosion of soil covering the waste or that the glass fragments are the result of broken litter. Borings and observations indicate that waste is not covered by a uniform thickness of soil over the site.

Dry Creek forms the western limit of the Butler Landfill. The landfill surface is relatively flat and then slopes steeply down as the bank of Dry Creek and Town Lake. The bottom of the slope along the water's edge is well vegetated with trees and woody plants. The top of the bank has been eroding and continues to erode, which exposes waste. The exposed waste observed during the field investigation consists of metal, glass, trash bags, a tire, and a crushed drum.

Approximately 50 feet of slope has exposed waste. The waste along the eroding edge is covered by approximately two feet of topsoil supporting grasses.

2.2 Settlement

The natural decomposition of organic matter results in a reduction of mass. As waste material decomposes, overlying waste and fill settles to fill the void left by the decomposed material, resulting in settlement of the landfill surface. Inorganic fill material which is placed with little or no compactive effort during placement will settle when compared to an undisturbed ground surface. If the material is homogeneous in terms of material and placement procedure, the entire area would settle as a unit. Differential settlement occurs when the fill materials vary, the placement procedures vary, or when waste is placed in discrete areas resulting in an undulating surface, as is found at the site.

A fundamental performance standard for a landfill final cover is positive drainage off the cover with no ponding of water. Differential settlement is quite noticeable in the parking area under the Mopac expressway. The area was previously paved with asphalt. The weight of the vehicles has likely caused areas of compressible or decaying waste to settle more than adjacent areas, resulting in an undulating surface. Settlement of the waste fill is noticeable along the Hike and Bike Trail. A likely combination of settlement in the landfill and the periodic addition of crushed granite to the trail surface has resulted in the ground surface south of the trail being lower than the trail. The area does not slope sufficiently in the east - west direction to provide drainage of surface water runoff. As a result, water ponds on the ground surface along the Hike and Bike Trail.

Ponding water tends to percolate through the waste fill. Based on observations, the percolation rate is relatively slow because water ponds for long periods of the time. Water percolating through the waste fill is a concern because the flow increases the possibility of contaminants within the waste being transported away from the landfill.

Elevated concentration of metals were detected in the groundwater. The groundwater condition is discussed in detail in the Phase I, Task 5 - Site Assessment Report. Landfill gas was also detected and is discussed in Section 4 with the Landfill Gas Management heading.

3. FUTURE USE

In instances where steps are necessary to protect human health and the environment, remedial action should be generally taken immediately. In situations such as the Butler Landfill, where risks are not clearly identifiable, other factors such as public use and available financial resources should be considered and an appropriate balance reached between these factors. Zilker Park is a popular public space and remedial construction activities need to be consistent with the current and future potential use of the area.

City personnel provided input regarding the current and possible future use options for the park area. While no definitive plans exist for the area, several options were identified consisting of:

- Continued use of the Hike and Bike Trail
- The Zilker Zephyr Miniature Train may be extended to the Mopac bridges parking area. A train station depot may be added and riders would have the option of purchasing tickets and embarking the train at the depot. The addition of a train depot will require parking for train customers.
- An expansion of the parking area under Mopac is needed to accommodate visitors to the Austin Nature and Science Center. School buses park in the area while children are at the Austin Nature and Science Center.
- The landfill will continue to be used for overflow parking for Zilker Park events.

Selected remedial options should minimize the physical and visual impacts to the area and maintain the aesthetics of the park while accommodating the planned future use of the area. For example, a common first step in remedial actions at an abandoned landfill site is to limit access by constructing a fence. Such fencing would significantly detract from the park setting. Temporary fencing will be necessary during construction to separate the public from construction equipment; however, a permanent fence is not consistent with the current and future use of the area and would adversely impact the aesthetic value of the park area.

4. ENGINEERING ALTERNATIVES

A wide range of remedial actions are available for the Butler Landfill site, although only a limited number of such actions are appropriate in this case, given the findings of the previously discussed investigation of the site. For example, alternatives range from “no action” to complete exhumation of waste and restoration of the area. Considering the sensitive nature of the site, a course of no action is probably imprudent. Removal of the waste and replacing it with clean backfill would eliminate the source of possible contaminants in the work area. However, excavating all of the landfilled waste and properly disposing of the waste in a permitted landfill is the most extreme of options in that it would significantly disturb the area, temporarily restrict access to that portion of the park, and would be expensive.

A reasonable remedial action activity is construction of a final cover coupled with groundwater monitoring. Construction of a final cover will promote runoff from the landfill, minimize infiltration of surface water into the waste, and provide a continuous physical barrier between the waste and the public. Remedial action alternatives are discussed in sections following the discussion of exposed waste along Dry Creek.

4.1 Dry Creek

The eroding bank of Dry Creek should be corrected regardless of the action taken concerning the rest of the landfill. The options available for correcting the exposed waste are limited on the bank. Adding soil fill over the waste would result in some soil fill being deposited in Town Lake and is unacceptable.

The remaining option consists of excavating a limited amount of waste along the eroded top of bank and flattening the grade of the existing slope. The excavated waste would be disposed of offsite. The area would be backfilled with clean soil and revegetated. Permanent erosion control measures would be dependent upon the scope of the work conducted at the time. If final cover is constructed, grading would be established to divert runoff from sheet flow down the bank to concentrated flow down a Reno mattress lined chute.

Table 1 - Remedial Action Summary presents a summary of the remedial action alternatives most applicable to the Butler Landfill that are compatible with the future uses

outlined above. The alternatives are presented along with advantages, comments, cost ranges and recommended priorities. The alternatives presented may, in some cases, be combined and implemented in phases. The following discussion briefly outlines the recommended alternatives.

4.2 Groundwater Monitoring

A total of seven groundwater monitor wells have been installed at the site. Six of the groundwater monitor wells were installed and sampled as part of this project. Some elevated metals concentrations were identified. The locations of groundwater monitor wells and landfill gas sample locations are shown on Figure 2. A complete discussion of the analytical results is presented in the Phase 1, Task 5 report.

Continued groundwater monitoring on an established schedule will:

- establish groundwater gradients and any seasonal fluctuations
- monitor potential landfill gas migration
- monitor for changes in contaminant levels or constituents
- determine stability of any contaminant plume
- enable continuous monitoring of risk to human health and the environment from dissolved metals in groundwater

It is prudent to continue monitoring on a twice per year frequency before and after construction of any remedial action to enable verification of the improvement. Monitoring should provide a warning to any increase in environmental impacts. Construction of final cover will increase the potential for LFG migration as discussed in Section 4.4 Landfill Gas Management and warrants the installation of 3 to 5 additional wells to allow monitoring around the perimeter of the constructed final cover.

4.3 Regrading and Soil Cover

The standard practice for landfills is to construct what is called a “final cover” over the waste surface. The long-term performance standard for the final cover is to promote runoff of rainfall from the covered surface and to serve as a physical barrier between waste and potential receptors above grade. The Butler Landfill has soil cover over most of the waste, but it does not limit infiltration and it does not direct stormwater away from fill areas.

The performance standard for a Butler Landfill final cover is to improve drainage from the area and reduce infiltration of surface water into the waste. A final cover will also provide a physical barrier between the public and the waste fill. If constructed, the cover should consist of the following components from the existing ground surface upward:

- General soil fill as needed to achieve drainage and prepare a subgrade for the overlying low-permeability component.
- Low permeability soil layer of at least 1.5 feet compacted in six-inch thick lifts with density control. The hydraulic conductivity should be on the order of 1×10^{-5} cm/sec.
- The low permeability component should be overlain by at least 0.5 feet of topsoil capable of supporting vegetation.

The paved parking area under the Mopac expressway may generally function as a final cover in terms of a physical barrier with low permeability; however, the current problem of differential settlement in this area has rendered the existing pavement relatively ineffective for its intended purpose as a parking facility for automobiles and school buses. Pot-holes and low spots hold water and increase infiltration into the waste. The potential for continued settlement in the area makes the selection of a rigid pavement such as asphalt or concrete a poor choice for long-term usability. A geogrid may be added to the subgrade to limit differential settlement and improve the long-term performance of the pavement. Continued settlement is easier to accommodate using a relatively flexible pavement such as brick pavers or crushed stone. Brick pavers and crushed stone are typically more permeable than asphalt pavement; however, brick pavers and crushed stone placed over compacted soil should allow a limited amount of rainwater infiltration.

The City has indicated that an expansion of the parking area at Mopac is desirable to serve the Austin Nature and Science Center and the Hike and Bike Trail. At the site, the existing pavement is located under the Mopac expressway bridges and therefore receive a limited amount of rainfall. The area may be graded to reduce the volume of stormwater which flows onto the parking area. The effects of localized settlement, such as pot holes, may be reduced if a geotextile or geogrid is incorporated on the subgrade as part of the parking surface rehabilitation. A reworking of the parking area under Mopac and an expansion adjacent to the existing parking on either the east or west sides is compatible with constructing a final cover over the landfill.

The addition of a final cover may induce additional settlement to the landfill. Anticipated future settlement should be analyzed to determine what grades will provide long-term drainage off of the final cover. The final cover surface grading will need to accommodate the existing electrical service, piping, and appurtenances associated with the soccer field irrigation system. If final cover is constructed, adjustments to the existing monitor well

surface completions may to required to match final grade.

If the decision is made to proceed with construction of a final cover, the following general steps are necessary to complete the project:

- Field surveying to generate a tree survey and topographic map of the area with a contour interval of one foot
- Install additional ground water wells and continue sampling and analyses
- Final cover design, including construction plans and specifications
- Approvals from regulatory entities
- Construction

Approvals must be received from several entities for construction to begin on the site. Construction in the Edwards Aquifer recharge zone requires permitting through the TNRCC regional office. A site plan must be approved by the City of Austin Department of Review and Inspection. Building construction on the final cover should require permitting by the TNRCC. Prior to beginning design a proactive, coordination meeting should be held with the TNRCC Municipal Solid Waste Division to present the City's plan for improving the area and determine if the TNRCC has any specific concerns.

It is EMCON's understanding that the Texas Department of Transportation (TxDOT) owns the property under and immediately adjacent to the Mopac expressway bridges. Coordination with TxDOT will be needed regarding any construction in the vicinity included improving the existing parking area.

4.4 Landfill Gas Management

As part of the field investigation phase of this project, EMCON performed a soil gas investigation at the Butler Landfill site. During the soil gas investigation, methane and carbon dioxide readings were taken at 10 locations within the approximate limits of the refuse fill area as shown on Figure 2. In addition, the soil gas sample with the highest methane field reading was collected and submitted for laboratory analysis of volatile organic compounds.

LFG is present and likely still being generated in isolated areas at the Zilker Park site. The construction of the relatively impermeable final cover for drainage purposes at the site will decrease the ability of the LFG to vent to the atmosphere. Continued LFG generation along with the decrease in passive venting through the soil cover may lead to the buildup of LFG pressure beneath the final cover. This increased pressure may lead to

LFG migration off site through subsurface soils or LFG may come into contact with groundwater, potentially leading to VOC contamination of the groundwater. EMCON does not recommend a LFG collection system at this time, but does recommend groundwater monitoring at the site to track potential changes in subsurface conditions. If no structures are to be placed at the site, further LFG investigations are not warranted at this time. If LFG contamination of groundwater is evidenced, further LFG investigations or LFG migration remediation actions may be required to mitigate groundwater contamination.

4.5 Development on the Landfill

If structures are to be constructed on the site, such as the Zilker Zephyr train depot or train tracks, 30 Texas Administrative Code 330, Subchapter T, requires obtaining a development permit from the Texas Natural Resource Conservation Commission (TNRCC) prior to construction of such facilities.

A TNRCC development permit application consists of a Part A and Part B. Part A includes:

- Preamble
- Legal authority
- Evidence of competency
- Notice of appointment
- Notice of coordination
- Legal description
- Site drawing
- General location and topographic maps
- Aerial photograph
- General geology and soils statement
- Foundation plans
- Other plans
- Soil tests
- Certified copies of required notices
- Closure plan
- Operational requirements plan
- Site operating plan
- Structures gas monitoring plan
- Safety and evacuation plan

Part B of an application for a TNRCC development permit consists of construction plans and specifications for proposed structures and site development. Negotiations may be held with the TNRCC to determine if a development permit is necessary for such a

project. The costs for obtaining a permit to construct a train depot may exceed the cost of the building and track extension.

Construction of the final cover will require that future construction on the final cover be approved by the TNRCC. Subchapter T of 30 TAC 330 prohibits penetrations of the final cover system “...without prior approval of the executive director. These include, but are not limited to, borings, piers, spread footings, foundations for light standards, fence posts, anchors, deadman anchors, manholes, on-site disposal systems, recreational facilities, etc.” It is possible to discuss with the TNRCC the concept of writing a plan for the landfill which addresses construction of the final cover and provides a list of approved activities on the final cover which will not require separate written approval from the TNRCC, such as erecting a fence for special events.

4.6 Slurry Wall

A slurry wall is a trench that is dug and filled with a mixture of low permeability material to create a barrier to the flow of groundwater. Slurry walls reduce the lateral flow of groundwater and thus reduce the spread of waste constituents that may be mobilized in the groundwater. A slurry wall constructed around the Butler Landfill would reduce the potential for migration of metals or other contaminants from the site. In concept, slurry walls are simple. In practice, slurry wall benefits are more difficult to ascertain for this project. The first uncertainty is accurately identifying the limits of waste. The benefit of a slurry wall would be significantly reduced if the limits of waste were not accurately defined. Additional field investigation is necessary to accurately define the limits of waste. The construction process for slurry walls is relatively imprecise and verification of a continuous barrier is not possible in some situations. Since current data indicates that significant degradation of groundwater quality has not occurred, construction of a slurry wall is not warranted at this time. Construction of a final cover system over the site as previously described will hopefully preclude any need to construct a slurry wall around the site in the future.

5. CONCLUSIONS AND RECOMMENDATIONS

The suggested options for remedial action are summarized in Table 1 - Remedial Action Summary and are presented in ascending order of environmental protection and cost. The hierarchy presented in the table consists of monitoring groundwater, regrading and soil cover construction, landfill gas extraction system installation, and slurry wall construction. The remedial action options may be combined or adopted in phases if necessary.

Concerns regarding the Butler Landfill include:

- absence of soil cover over landfill, resulting in exposed inert waste and debris
- lack of positive drainage off of the landfill resulting in ponding of surface water
- infiltration of ponded surface water into waste
- elevated concentrations of metals in groundwater
- presence of landfill gas

EMCON recommends construction of a final cover over the landfill that consists of general fill, low permeability soil, and topsoil. The general fill will raise the elevation of low areas to prevent ponding and provide enough slope to provide drainage as settlement continues. A low permeability soil layer that is 1.5 feet thick with a hydraulic conductivity no more than 1×10^{-5} cm/sec above the random fill will reduce the rate at which rainfall infiltrates into the waste. A topsoil layer that is at least six inches thick will support vegetation and minimize long term erosion. The surface could continue to be used for overflow parking for Zilker Park events.

Construction of a final cover increases the potential for landfill gas to migrate away from the landfill. EMCON recommends semi-annual monitoring of existing groundwater monitor wells and the installation of 3-5 additional wells to detect any changes in water quality as a result of possible landfill gas migration. Reductions in monitoring frequency could be justified at a later time if degradation in groundwater quality is not observed. If LFG migration occurs, a change in groundwater quality would likely be detected and the need for a gas collection system could then be evaluated.

The exposed waste on the bank of Dry Creek should be corrected by excavating waste along the top of bank and backfilling with soil. Permanent erosion control protection in the form of geosynthetic matting or Reno mattresses would provide long-term protection.

6. LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

7. REFERENCES

U.S. Environmental Protection Agency, 1990, Seminar on Design and Construction of RCRA/CERCLA Final Covers

U.S. Environmental Protection Agency, 1988, Seminars - Requirements for Hazardous Waste Landfill Design, Construction and Closure

30 TAC 330.951-963 Subchapter T

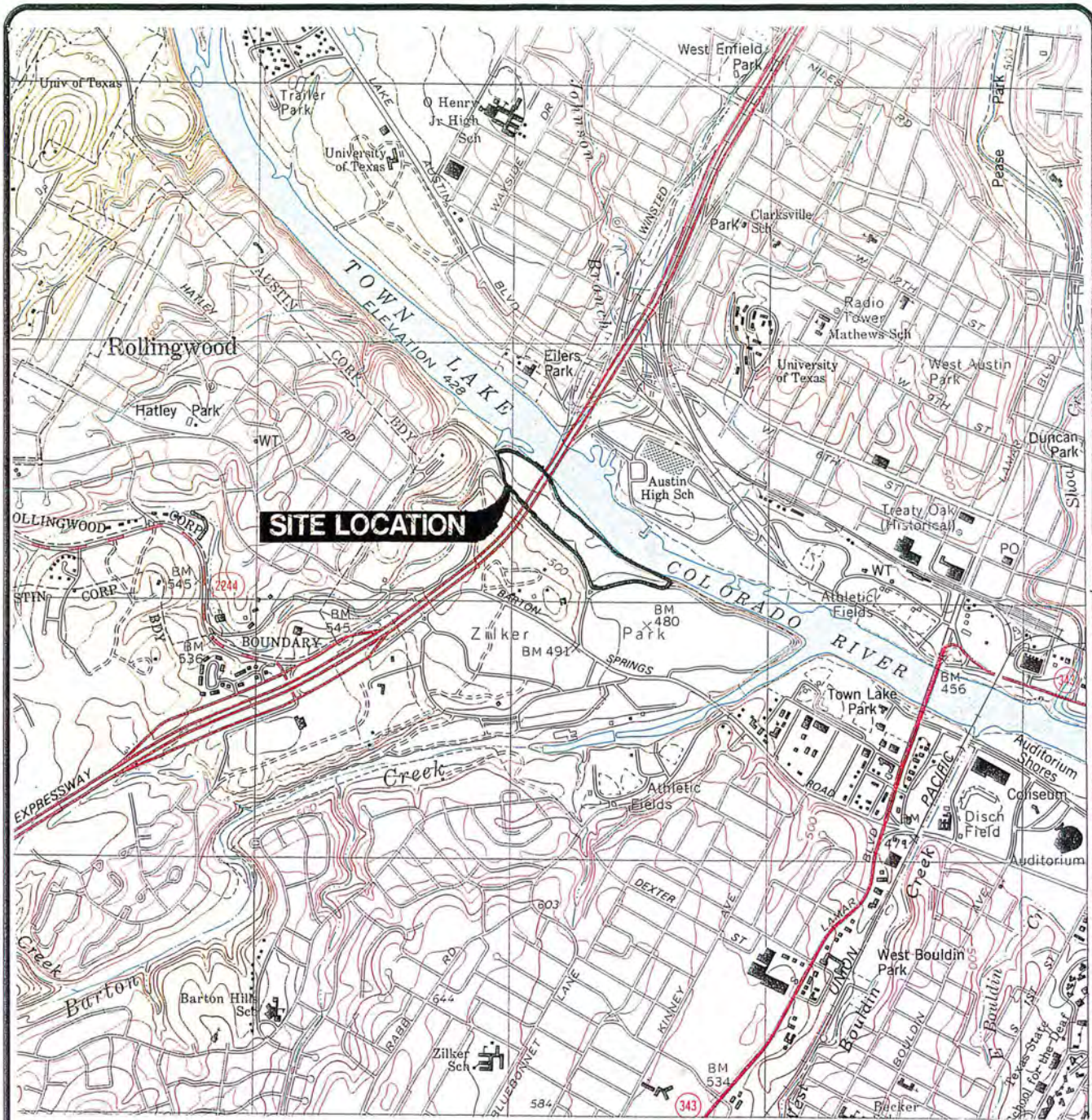
EMCON, December 1997, Phase I, Task 1 - Preliminary Site Assessment Zilker Park Landfill Project

EMCON, June 1998, Phase I, Task 5 - Site Assessment Report Zilker Park Landfill Project

**Table 1
ZILKER PARK
Remedial Action Summary**

Remedial Action	Advantages	Comments	Estimated Capital Cost	Estimated Annual O&M Costs	Recommended Priority
Dry Creek	Correct existing problem of exposed waste on bank	Problem should be corrected regardless of other action taken	\$25,000 to \$35,000	—	High
Monitor groundwater	Detect and quantify impacts Compatible with construction Collection of landfill gas may not be warranted Gain more info. on groundwater quality and flow direction	Does not eliminate or minimize future impacts by itself May be performed concurrently with other remedial action activities	Additional 3 to 5 Wells \$13,000 to \$18,000	\$7,000 to \$11,000 per sampling event, with 2 events per year, initially.	High
Regrading and soil cover	Eliminate current ponding of water Improve surface water drainage Exposed waste covered Reduce surface water infiltration Improve site aesthetics	No effect on lateral flow through waste Groundwater monitoring should be performed concurrently	\$700,000 to \$1,000,000	—	Moderate to High
Landfill gas extraction	Minimize for gas impacts to groundwater Minimize potential for landfill gas migration Eliminate potential odor problem	High capital cost Long-term operational and maintenance costs Groundwater monitoring, regrading and soil cover should be performed concurrently Additional investigation necessary to design gas extraction system	\$200,000 to \$300,000	\$10,000 to \$30,000	Low - Not necessary based on current information
Slurry wall	Significant reduction in lateral flow through waste	Additional investigation necessary to determine waste limits and formation to key slurry wall into Construction uncertainties Groundwater monitoring, regrading and soil cover should be performed concurrently LFG extraction may also be necessary	\$2,800,000 to \$3,400,000	—	Low - Current impacts do not warrant this action

- Notes: 1 Other options are available, but no other options were determined to be applicable to this situation.
2 Other options include: 1.) installation of a system to remove and treat groundwater, 2.) exhuming waste and backfilling with clean soil (\$10 million).
3. These costs are intended to be used for comparison of alternatives and are not budgetary estimates.
4. Dry Creek cost estimate based on assumption that all waste is municipal and is accepted without testing and minimal permitting is required.

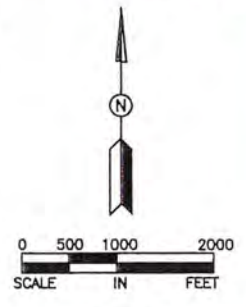


FTWORTH/CADDST1 N:\DWG\96097021\034\SITELOC.dwg Xrefs: <NONE>
 Scale: 1 = 1.0000 Date: 9/19/97 Time: 9:47 AM Operator: PJW

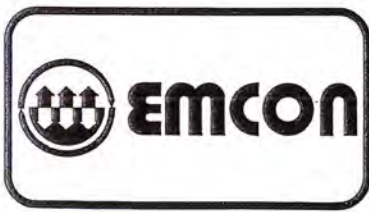
ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface	
Secondary highway, hard surface	Unimproved road	
Interstate Route	U. S. Route	State Route

AUSTIN WEST, TEX.
 SE/4 LAKE TRAVIS 15' QUADRANGLE
 30097-C7-TF-024
 1988
 DMA 6444 IV SE-SERIES V882



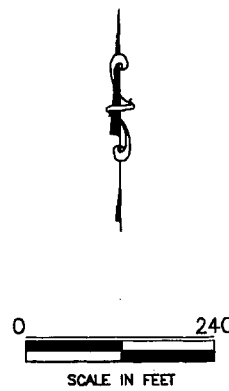
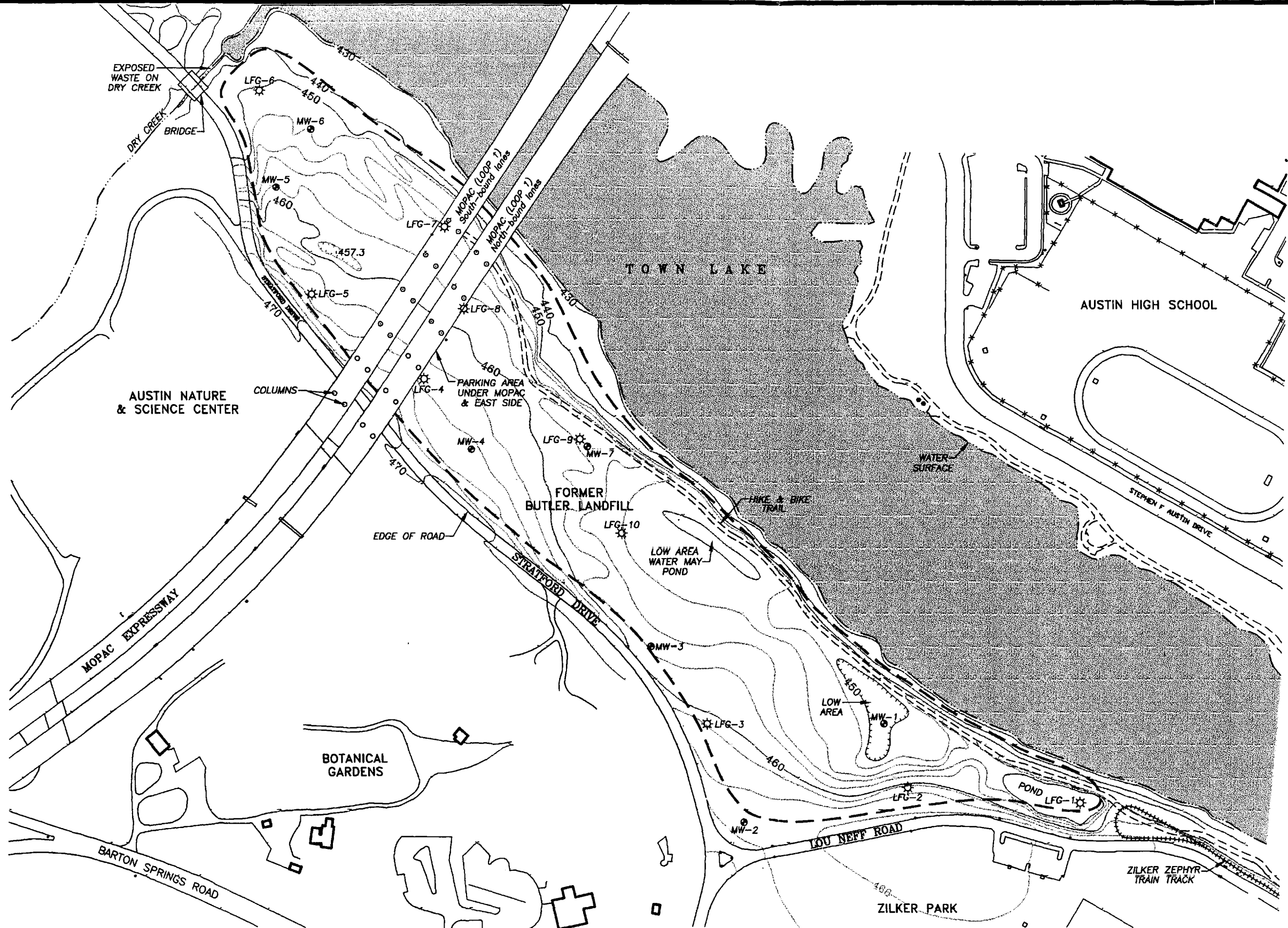
CONTOUR INTERVAL 20'



DATE 9-97
 DWN DED
 APP BJR
 REV

CITY OF AUSTIN
 ZILKER PARK
 TRAVIS COUNTY, TEXAS
SITE LOCATION MAP

FIGURE
1
 PROJECT NO.
 62786-002-001



- LEGEND**
- GROUNDWATER MONITORING WELL
 - LANDFILL GAS SAMPLE LOCATION
 - APPROXIMATE FILL BOUNDARY

NOTES:
 1. BASE MAP CREATED FROM CITY OF AUSTIN ENGINEERING DEPARTMENT. TOPOGRAPHIC MAPS DEVELOPED FROM PHOTOGRAPHY DATED 1977.



DATE 10/2/98
 DWN HCS
 APP MJR
 REV 1

CITY OF AUSTIN
 ZILKER PARK
 TRAVIS COUNTY, TEXAS
EXISTING CONDITIONS

FIGURE
2
 PROJECT NO.
 62786-002-001

ZILKER PARK
PHASE 1, TASK 5-SITE ASSESSMENT REPORT
AUSTIN, TEXAS

Prepared for
CITY OF AUSTIN, TEXAS
October 1998

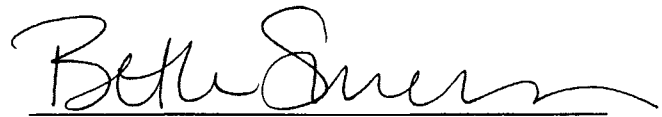
Prepared by
EMCON
2579 Western Trails Blvd., Suite 130
Austin, Texas 78745
512/ 892-6755

Project 62786-002.001

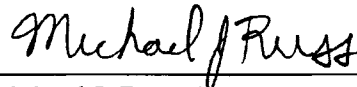
**Zilker Park
Phase 1, Task 5 - Site Assessment Report
Austin, Texas**

The material and data in this report were prepared under the supervision and direction of the undersigned.

EMCON



Beth Summers
Geologist



Michael J. Russ, P.E.
Senior Project Engineer

CONTENTS

LIST OF TABLES AND ILLUSTRATIONS	v
EXECUTIVE SUMMARY	vi
1 INTRODUCTION	1-1
1.1 Site Description	1-1
1.2 Historical Background	1-2
1.3 Scope of Work	1-2
2 FIELD INVESTIGATION	2-1
2.1 Field Activities	2-1
3 GROUNDWATER AND LANDFILL GAS ASSESSMENT	3-1
3.1 Groundwater Assessment	3-1
3.2 Groundwater Analytical	3-2
3.3 Landfill Gas Assessment	3-2
4 RISK ASSESSMENT	4-1
4.1 Groundwater Risk Assessment	4-1
4.2 Landfill Gas Assessment	4-2
5 CONCLUSIONS AND RECOMMENDATIONS	5-1
6 LIMITATIONS	6-1
TABLES	
FIGURES	

CONTENTS (Continued)

APPENDIX A

Monitoring Well Logs

APPENDIX B

Survey Map And Data Points

APPENDIX C

Barton Springs/Edwards Aquifer Conservation District Data

APPENDIX D

Laboratory Analytical Results

TABLES AND ILLUSTRATIONS

Tables

Table 1 - Groundwater Elevation Data

Table 2 - Groundwater Analytical Results

Table 3 - Landfill Gas Field Screening Results

Table 4 - Landfill Gas Laboratory Results

Figures

Figure 1 - Site Location Map

Figure 2 - Site Map

Figure 3 - Site Plan

Figure 4 - Monitoring Well and Gas Sampling Locations

EXECUTIVE SUMMARY

The City of Austin retained EMCON to complete a Subsurface Investigation for a portion of Zilker Park, formerly the Butler Landfill (site), located at 2201 Barton Springs Road, Austin, Texas. The former Butler Landfill site within Zilker Park forms a 25 to 30 acre stretch of land along what is now Town Lake. The site is currently used as open space for park users and as overflow parking for Zilker Park events. The heavily-utilized Town Lake Hike and Bike Trail and Town Lake form the lake-side boundary of the site. The site is bounded by Stratford Road on the south, Lou Neff Road on the east and Dry Creek on the west. The landfill is located within the designated recharge zone of the Edwards Aquifer, a sole source drinking water aquifer.

During the Environmental Assessment Report (EAR, December 1997) EMCON concluded that the landfill operated from 1944 through 1967 in an area mined for sand, gravel and clay gravel along the south bank of the Colorado River and was closed well before any documentation was required. Therefore, there are no known records of the types of waste disposed at this site. Waste is exposed in several areas throughout the landfill.

Longhorn Dam was built on the Colorado River in 1960, approximately 7 years before landfill closure. Dam construction raised the surface elevation of the river by approximately 5 feet to 428 ft mean sea level (MSL) and saturated of the lower portion of the fill.

Based on information from the EAR, EMCON recommended additional assessment of the site to better characterize groundwater flow direction, groundwater quality and assess landfill gas conditions of the overall site. This additional assessment included installation of 6 new monitoring wells and 10 temporary landfill gas sampling points. Groundwater samples were obtained and analyzed for volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), pesticides, herbicides, polychlorinated biphenyls (PCBs) and 12 total metals (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, mercury, selenium, silver and zinc). The temporary landfill gas (LFG) points were field screened for methane and carbon dioxide. The temporary sample point that exhibited the highest concentration of methane was submitted for laboratory analysis of methane, carbon dioxide, and VOCs.

Based on the field observations made and laboratory analytical results, EMCON concludes the following:

- Subsurface conditions consist of 2-5 feet of dark brown clay loam at the surface. This clay loam overlies the trash in 4 of the 6 newly-installed wells. The clay loam grades to clayey sand at approximately 15 feet below ground surface (bgs). Approximately 1 to 2 feet of gravel is found overlying the Edwards Aquifer Limestone (bedrock) at an approximate depth of 40 feet bgs.
- Shallow groundwater was encountered at elevations ranging from 429 to 440 feet above mean sea level (MSL) or depths of 10 to 34 feet bgs. Based on the groundwater elevations, there appears to be a groundwater flow divide oriented north south running through the subject site. Groundwater in the western portion of the site flows west and northwest toward Dry Creek and Town Lake, while the groundwater on the eastern portion of the site flows to the southwest. Additional wells may be required to adequately characterize groundwater flow at the site.
- Topographically, the lowest well on site is MW-1 and is completed in the oldest part of the fill. This well exhibits the highest groundwater elevation despite topography. The groundwater in this area could be affected by heavy subsidence and ponded water creating a groundwater mounding effect.
- No VOCs, PAHs, pesticides, chlorinated herbicides or PCBs were detected in any of the monitor wells.
- Analytical results were compared to Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standard Number 2 (RRS2) and federal drinking water standards to determine what, if any, corrective action might be required at the site. The results of these comparisons are summarized below:

MW-2 exceeded RRS2 for arsenic, barium, cadmium, and chromium

MW-3 exceeded RRS2 for arsenic

MW-5 exceeded RRS2 for barium, cadmium, chromium and lead

MW-6 exceeded RRS2 for magnesium and lead

MW-7 exceeded RRS2 for arsenic, chromium, and lead

Iron and manganese exceeded the Secondary Maximum Contaminant Levels (SMCLs) in virtually all wells at the site.

- The soil gas readings taken in the field indicated methane readings of 0 to 63 percent by volume. Carbon dioxide readings ranged from 11 to 42 percent by volume in air. These results indicate active landfill gas generation.
- The laboratory analytical results for the soil gas sample with the highest field reading indicated that in addition to methane and carbon dioxide, trace amounts of VOCs were present, including benzene, chloromethane, 1,1-dichloroethane and dichlorotetrafluoroethane (Freon 114).
- The above landfill gas results indicate that LFG has the potential to impact groundwater at the site.

Based on the above conclusions, EMCON recommends the following:

- Resample and field filter groundwater for metals analysis. Previous groundwater samples have substantial amounts of silt which may have influenced metals concentrations.
- Evaluate remedial alternatives for subsidence, landfill gas, and groundwater impacts for the site. This task has been completed by EMCON and submitted to the City under separate cover.
- To avoid installation of an LFG collection system during future development, install an additional 3-5 groundwater monitoring wells and continue monitoring to detect and quantify impacts (if any) to groundwater from LFG generation at the site. Groundwater monitoring is likely the least expensive alternative for effective LFG management and would provide additional data for groundwater flow direction determination.
- Monitor groundwater semi-annually for 3 years to track metals concentrations and potential LFG migration. At the end of 3 years, evaluate the need for any future monitoring activities.

1. INTRODUCTION

The City of Austin retained EMCON to complete a Subsurface Investigation for Zilker Park, formerly the Butler Landfill (site) located at 2201 Barton Springs Road, Austin, Texas, as depicted on Figure 1 and 2. In accordance with our proposal number 96097-021.034 dated June 5, 1997, EMCON performed Tasks 2 through 5 of the project to further characterize the site. Tasks 2 and 3 involved additional field investigation of the site and a groundwater assessment. Tasks 4 and 5 are the Risk Assessment based on the field investigation results, and the Site Assessment Report.

1.1 Site Description

The former Butler Landfill site within Zilker Park forms a 25 to 30 acre stretch of land along what is now Town Lake, as depicted in Figure 3. The site is currently used as open space for park users and as overflow parking for Zilker Park events. The heavily-utilized Town Lake Hike and Bike Trail and Town Lake forms the lake-side boundary of the site and Stratford Road forms the southern boundary of the site. The western boundary is Dry Creek and the eastern boundary is Lou Neff Road and the adjacent soccer fields.

The site topography is relatively level, with a slight decrease in elevation toward Town Lake along the hike and bike trail. The site elevation ranges from slightly less than 440 feet above mean sea level (ft MSL) along the Town Lake Hike and Bike Trail to approximately 460 ft MSL along Stratford Drive. Although the overall elevation change across the site is not significant, the surface topography varies greatly within the bounds of the former landfill due to subsidence of the underlying wastes.

The site is located within the recharge zone of the Edwards Aquifer, according to the boundary map obtained from the Edwards Aquifer Protection Group. The site is therefore subject to the rules and regulations for protection of this sole source drinking water aquifer, as administered by the Texas Natural Resource Conservation Commission (TNRCC) and the Edwards Aquifer Protection Group (EAPG) of TNRCC.

1.2 Historical Background

During the EAR investigation, EMCON concluded that the landfill operated from 1944 through 1967 in an area mined for sand, gravel and clay gravel along the south bank of the Colorado River and was closed well before any documentation was required. Therefore, there are no known records of the types of waste disposed at this site. Waste is exposed in several areas throughout the landfill.

Longhorn Dam was built on the Colorado River in 1960, approximately 7 years before landfill closure. Dam construction raised the surface elevation of the river by approximately 5 feet to 428 ft MSL and saturated of the lower portion of the fill. Shallow ground water exists in the area at approximately 429 to 440 feet MSL.

Based on the information from the EAR, EMCON recommended additional assessment of the site to better characterize groundwater flow direction, groundwater quality and assess landfill gas conditions in the vicinity of the overall site.

1.3 Scope of Work

Task 2 - Field Investigation

The field investigation consisted of a discussion TNRCC Edwards Aquifer Protection Group (EAPG) and the Barton Springs/Edwards Aquifer Conservation District (BS/EACD), and a subsurface investigation, as follows:

- Prepare and submit to BS/EACD an application for drilling within the Edwards Aquifer recharge zone.
- Coordinate with the Green Treatment plant to obtain any existing water quality data for Town Lake.
- Survey the key locations along the boundary of the Zilker Park landfill, including MoPac pilings and the existing monitoring well.
- Install 6 borings along the landfill perimeter and convert to monitoring wells.
- Log borings and field screen for volatile organic vapors using a photoionization detector (PID). The logs include descriptions of the types of waste encountered.
- Survey monitoring well locations and elevations after installation.
- Purge and sample groundwater from the newly-installed wells.

- Install approximately 10 temporary landfill gas (LFG) sampling points around the perimeter of the landfill. Field screen vapor samples for methane using a portable gas meter.
- Collect one LFG sample for laboratory analysis. The sample will be collected from the point exhibiting the highest methane concentration during field screening.

Task 3 - Groundwater and Landfill Gas Assessment

- Analyze a maximum of 6 groundwater samples collected during the field investigation for volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAH), chlorinated pesticides/herbicides, and 12 total metals.
- Analyze 1 sample of LFG collected during the field investigation for methane, carbon dioxide (CO₂) and VOCs.
- Prepare one water level contour map based on measurements from the newly-installed wells to establish groundwater flow direction and gradient.

Task 4 - Risk Assessment

For the purposes of the proposal, EMCON assumed that no groundwater constituents would exceed the TNRCC Risk Reduction Standard Number 2 (RRS2) concentrations. Therefore, the Risk Assessment in Task 4 would be minimal to demonstrate no potential threat to human health or the environment.

- Compare groundwater results from the field investigation to the cleanup standards promulgated under TNRCC (RRS2) and the federal drinking water standards (DWS).
- Compare the analytical data from the 2 upgradient wells to surface water data (if available) from Town Lake.
- Develop a Risk Assessment Conceptual Model for the site.

Task 5 - Site Assessment Report

- Compile a report based on the data obtained during Tasks 1 through 4 of this project.

- Prepare tables and figures for this report that demonstrate sampling locations, analytical results and comparisons to RRS2 and DWS levels.
- Submit 15 copies of the final report to the City.
- Submit, on behalf of the City, one copy of the report to BS/EACD and to EAPG as a courtesy.

2. FIELD INVESTIGATION

Based on the results of the EAR (Task 1), EMCON proposed additional assessment of the site to better characterize the groundwater flow direction and groundwater quality in the vicinity of the overall site. This additional assessment was executed with various tasks:

- Tasks 2 and 3 involve additional field investigation of the site and groundwater assessment.
- Tasks 4 and 5 are the Risk Assessment the Site Assessment Report, respectively, based on the field investigation results.
- Task 6 is the Remedial Action Report (under a separate cover)

2.1 Field Activities

Well Installation and Development

Six groundwater monitoring wells were installed on March 16 through 19, 1998. The existing monitoring well at the site was named as MW-1 for the purposes of this investigation. Monitoring wells MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7 were advanced to depths ranging from 29 to 47.5 feet below ground surface (bgs). Figure 4 depicts the locations of these borings. Boring logs are attached in Appendix A. Monitoring wells MW-6 and MW-7 were installed along the assumed upgradient edge of the landfill, based on regional groundwater flow toward Barton Springs. Monitoring well locations and elevations were surveyed by Landmark Surveying, Inc. Survey data is attached as Appendix B.

The monitoring wells were constructed of 2-inch diameter schedule 40 PVC casing with 0.01 factory screen. The screen extended from between 13 to 24 feet bgs to the bottom of each well. A sand pack was installed in each boring to two feet above the casing screen junction. A bentonite plug was installed above the sand to provide a water-tight seal between the surface and subsurface. Above the bentonite, non-shrinking grout was installed in the annulus to surface grade.

Soil borings were continuously sampled from ground surface to total depth in two-foot intervals using driven split spoons. Soil sample collection and analysis were not included in the scope of work for this project.

The monitoring wells were gauged on March 17 and 20 1998, to determine static water levels and establish the groundwater gradient. Groundwater elevation data is presented in Table 1. After gauging and developing each well, groundwater samples were obtained from MW-2 through MW-7 on March 17 through 20, 1998, using new disposable bailers. Samples were submitted to Certes Environmental Laboratories in Dallas, Texas, for analysis of VOCs, PAH, chlorinated pesticides/ herbicides, PCBs and 12 total metals (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, mercury, selenium, silver and zinc).

Landfill Gas Sampling

EMCON completed a soil gas investigation as a part of this project to characterize potential landfill gas generation at the site. During the soil gas investigation, methane and carbon dioxide readings were taken with a Landtec GEM-500® portable gas meter. In addition, a soil gas sample was collected and sent to a Certes laboratory for analysis of VOCs, methane, and carbon dioxide within the soil gas. The objective of the investigation was to determine whether landfill gas was present at the site and whether any potential risk existed at the site that would warrant further investigation.

Soil gas was monitored at 10 locations labeled as LFG-1 through 10 on Figure 4. The monitoring data is included in Table 3 of this report. The soil gas sample submitted for lab analysis was collected from location LFG-8, the sample with the highest field reading for methane. The sample was collected in a Summa® passivated canister by EMCON staff and analyzed by Certes Environmental Laboratories for methane, carbon dioxide and volatile organic compounds using a gas per American Society for Testing Method (ASTM) D-1945. The certified analytical results are provided in Appendix D. The interpreted results are summarized in Table 4 of this report.

3. GROUNDWATER AND LANDFILL GAS ASSESSMENT

3.1 Groundwater Characterization

Six groundwater monitoring wells were installed around the perimeter of the landfill to sample the groundwater and to establish groundwater flow direction. Borings were continuously logged from ground surface to total depth.

The subsurface consisted of approximately 2-5 feet of dark brown clay loam. This clay loam overlies the trash in 4 of the 6 newly-installed wells. The clay loam grades to clayey sand at approximately 15 feet bgs. Approximately 1 to 2 feet of gravel is found overlying the Edwards Aquifer Limestone (bedrock).

Shallow ground water exists in the soils overlying the bedrock at approximately 10 and 35 feet bgs. Based on the groundwater elevations, (Table 1) there appears to be a groundwater flow divide running north south through the subject site. Groundwater in the western portion of the site flows west and northwest toward Dry Creek and Town Lake while the groundwater on the eastern portion of the site flows to the southwest. Topographically, the lowest well on site is MW-1 and is completed in the oldest part of the fill. However, this well exhibits the highest groundwater elevation at the site. The groundwater in this area could be affected by heavy subsidence and may exhibit a mounding effect due to ponded surface water. All water level measurements were taken on March 20, 1998.

EMCON personnel also obtained groundwater quality data from the Barton Springs/Edwards Aquifer Conservation District (BS/EACD). Data is attached as Appendix C. The closest water well completed in the Edwards Aquifer is located at 2500 Bee Cave Road, on the west side of MoPac. The data from this well indicates an approximate depth of 200 feet (completed in rock and alluvium) and substantial amounts of high quality groundwater. EMCON personnel also obtained data concerning the general geology and groundwater in the vicinity of the subject site. According to the BS/AECD, the Edwards Aquifer is hard, competent bedrock in the area and is overlain by unconsolidated alluvium. It is thought that the alluvium layer is responsible for storing and transmitting groundwater to Town Lake.

3.2 Groundwater Analysis

Groundwater samples were collected on March 17 and 20, 1998, and were analyzed by Certes Environmental Laboratories for:

- Volatile Organic Compounds (VOCs)- EPA Method 8260
- Chlorinated Pesticides/ Herbicides- EPA Method 8151, 8081, and 8082
- Polycyclic Aromatic Hydrocarbons (PAHs)- EPA Method 8270
- Polychlorinated biphenyls (PCBs) - EPA Method
- 12 Total Metals (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, mercury, selenium, silver and zinc)- EPA Method 6010 and 7470.

For comparison purposes, the results of this groundwater sampling event and the previous October 1997 groundwater sampling event are tabulated in Table 2. Laboratory analytical reports and chain of custody are included as Appendix D.

The 1998 analysis revealed no detectable concentrations of VOCs, pesticides, PCBs or PAHs in any of the groundwater samples. However, detectable concentrations of some metals were identified. Specifically, iron, manganese, lead, arsenic, barium, cadmium, chromium and magnesium were identified. To determine what, if any, action may be required to address these metal concentrations, EMCON compared the detected concentrations to the TNRCC RRS2, the Federal drinking water standards and to concentrations found in Town Lake through data from the Green Treatment Plant. Section 4 details the results of the comparisons. The 1998 sampling results are similar to the 1997 and 1992 sampling results; however, detectable concentrations of metals were also identified. No VOCs, pesticides, PCBs or PAHs were identified in these groundwater samples.

3.3 Landfill Gas Assessment

As part of the field investigation phase of this project, EMCON performed a soil gas investigation at the Zilker Park site. The objective of the investigation was to determine whether soil gas at the site contained landfill gas (LFG) and whether any potential health risk existed that would warrant further investigation. The soil gas investigation consisted of field readings for methane and carbon dioxide and laboratory analysis of 1 LFG sample (that exhibited the highest field reading for methane) for lab analysis of carbon dioxide, methane and VOCs.

Field readings were taken at 10 locations within the approximate limits of the refuse fill area with a Landtec GEM-500® Portable Gas Meter. The locations of the field readings are noted on Figure 3 as LFG-1 through LFG-10. The field reading from LFG-8 exhibited the highest concentrations of methane. A sample was collected from this location and submitted to Certes for analysis of methane, carbon dioxide and VOCs. Copies of the lab report are included as Appendix D. The field readings are tabulated in Table 3 of this report.

The field soil gas readings indicated methane readings of 0 to 63 percent by volume in air. Carbon dioxide readings ranged from 11 to 42 percent by volume in air. The highest methane concentration was in LFG-8. The highest carbon dioxide concentration was in LFG-4.

In active LFG-producing areas, the generation of LFG (methane and carbon dioxide) forces air out of the soil gas therefore, soil pores can become filled with 100 percent LFG. At landfills actively producing LFG, methane and carbon dioxide make up nearly 100 percent of the soil gas and are typically detected in the ranges of 50 to 65 percent and 35 to 50 percent by volume in air respectively. Additionally, the ratio of methane to carbon dioxide is typically about 1:1 or 1.8:1. As the active generation of LFG declines, air (oxygen and nitrogen) can re-enter the soil gas via diffusion and the concentrations of methane and carbon dioxide may total less than 100 percent of the soil gas.

In soil gas monitoring locations LFG-3, -4, -8, and -10, the methane plus carbon dioxide concentrations exceeded 80 percent of the soil gas volume. Since LFG did not make up 100 percent of the sample, active LFG generation may be declining at the site. For these same locations, the ratio of carbon dioxide to methane fell within the expected ratio for active LFG generation. The remaining sample locations showed concentrations and ratios indicative of declining LFG generation.

In older landfills, or where the LFG is migrating, the methane and carbon dioxide concentrations and ratios may vary widely. In addition to migration, oxidative microbial degradation may also decrease or change the LFG concentrations and ratios (oxidative microbial degradation is the process by which microorganisms break down hydrocarbons into smaller hydrocarbons, carbon dioxide and water).

Another process which occurs in older landfills is the separation of LFG into its individual components. Separation may occur where LFG is allowed to settle with little agitation for long periods of time such as trapped within soil voids below the ground surface. Methane, being lighter than carbon dioxide and air will tend to rise where carbon dioxide, being lighter than methane and air will tend to fall. Thus, monitoring soil gas near the top of the soil voids in an area where separation is occurring may lead to higher methane concentrations with respect to carbon dioxide where monitoring near the bottom may lead to lower methane concentrations with respect to carbon dioxide.

As evidenced by the LFG monitoring results, microbial degradation and LFG separation may be occurring at this site due to its age. Further, LFG generation at the site may no longer be occurring at a sufficient rate to force air out of the soil voids. These factors may be the cause of the non-typical methane to carbon dioxide ratios and concentrations.

The laboratory analytical results from the LFG sample indicated that in addition to methane and carbon dioxide, trace amounts of volatile organic compounds (VOCs) were present. The trace VOCs included benzene, chloromethane, dichlorotetrafluoroethane (Freon 114), and 1,1-dichloroethane. Although benzene, chloromethane, and 1,1-dichloroethane are common VOCs LFG, dichlorotetrafluoroethane (Freon 114) is not. Freon 114 used to be used in cars and refrigerators as a refrigerant prior to regulations eliminating its use for that purpose. Thus, the detection of Freon 114 is likely the result of buried cars or refrigerators at the site. The laboratory analytical results are tabulated in Table 4 of this report.

4. RISK ASSESSMENT

4.1 Groundwater Risk Assessment

The analytical results were compared to the TNRCC Risk Reduction Standards in order to preliminarily assess potential groundwater impacts. The Risk Reduction Rules included three standards for closure of impacted sites:

- **Risk Reduction Standard 1** - requires cleanup to background concentrations.
- **Risk Reduction Standard 2** - requires cleanup to “default”, risk-based concentrations of contaminants.
- **Risk Reduction Standard 3** - requires cleanup to site-specific, risk-based concentrations as calculated and evaluated through a site specific Baseline Risk Assessment.

The analytical results were preliminary compared to the TNRCC Risk Reduction Standard Number 2 (RRS2) (30 TAC 335, Subchapter S) cleanup levels. The RRS2 levels are conservative, health risk-based concentrations protective of human health and the environment. For dissolved metals in groundwater, the RRS2 standard uses both risk-based calculated levels and the Federal Drinking Water Maximum Contaminant Levels (MCLs). EMCON also used the Federal Drinking Water Secondary Maximum Contaminant Levels (SMCLs) for comparison purposes. SMCLs are not true standards for drinking water, but are suggested guidance for constituent concentrations.

1992:

Mercury exceeded the RRS2 standard. Total iron and manganese exceed the Secondary Maximum Contaminant Levels (SMCL) for drinking water. No other constituents (VOCs, PAHs, pesticides or PCBs, cyanide or other metals) exceeded the RRS2 standards.

1997:

Total Iron and manganese exceeded the RRS2 standard. No other constituents (VOCs, PAHs, pesticides, chlorinated herbicides, PCBs, cyanide or other metals) exceeded the RRS2 standards.

1998:

No VOCs, PAHs, pesticides, chlorinated herbicides, PCBs were detected in the wells. Iron and manganese exceeded the SMCL in virtually all wells.

MW-2- Arsenic, barium, cadmium, and chromium exceeded the RRS2 standard. Total iron and manganese exceed the Secondary Maximum Contaminant Levels (SMCL) for drinking water.

MW-3- Arsenic exceeded the RRS2 standard. Total iron and manganese exceed the SMCL for drinking water.

MW-4- Total iron and manganese exceed the SMCL for drinking water.

MW-5- Barium, cadmium, chromium and lead exceeded the RRS2 standard. Total iron and manganese exceed the SMCL for drinking water.

MW-6- Magnesium and lead exceeded the RRS2 standard. Total iron and manganese exceed the SMCL for drinking water.

MW-7- Arsenic, chromium, and lead exceeded the RRS2 standard. Total iron and manganese exceed the SMCL for drinking water.

Potential receptors include: Barton Springs, Town Lake, Dry Creek, schools, hospitals, day cares, residential areas with wells completed in the aquifer, and underground utilities.

4.2 Landfill Gas Assessment

The methane generation is concentrated in the areas with the most subsidence and underneath the MoPac bridge where the pavement acts as a cap, restricting the movement of the LFG.

Potential exposure pathways include: inhalation by construction workers, trenching operations, park users, and groundwater in the area.

If the site stays undeveloped and undisturbed, LFG will likely continue to dissipate through the overburden. However, future improvements for this area may include a soil

cap to level the surface of the site. If the site is capped without landfill gas collection, it could drive VOCs and methane into the groundwater. Routine groundwater monitoring would likely be sufficient to track potential LFG migration.

5. CONCLUSIONS AND RECOMMENDATIONS

Based on the field observations and results of the laboratory analyses, EMCON concludes the following:

- Subsurface conditions consist of 2-5 feet of dark brown clay loam at the surface. This clay loam overlies the trash in 4 of the 6 newly-installed wells. The clay loam grades to clayey sand at approximately 15 feet below ground surface (bgs). Approximately 1 to 2 feet of gravel is found overlying the Edwards Aquifer Limestone (bedrock) at an approximate depth of 40 feet bgs.
- Shallow ground water was encountered at elevations ranging from 429 to 440 feet above mean sea level (MSL) or 10 to 34 feet bgs. Based on the groundwater elevations, there appears to be a groundwater flow divide oriented north south running through the subject site. Groundwater in the western portion of the site flows west and northwest toward Dry Creek and Town Lake, while the groundwater on the eastern portion of the site flows to the southwest. Additional wells may be required to adequately characterize groundwater flow at the site.
- Topographically, the lowest well on site is MW-1 and is completed in the oldest part of the fill. This well exhibits the highest groundwater elevation despite topography. The groundwater in this area could be affected by heavy subsidence and ponded water creating a groundwater mounding effect.
- No VOCs, PAHs, pesticides, chlorinated herbicides or PCBs were detected in any of the monitor wells.
- Analytical results were compared to Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standard Number 2 (RRS2) and federal drinking water standards to determine what, if any, corrective action might be required at the site. The results of these comparisons are summarize below:

MW-2 exceeded RRS2 for arsenic, barium, cadmium, and chromium

MW-3 exceeded RRS2 for arsenic

MW-5 exceeded RRS2 for barium, cadmium, chromium and lead

MW-6 exceeded RRS2 for magnesium and lead

MW-7 exceeded RRS2 for arsenic, chromium, and lead

Iron and manganese exceeded the Secondary Maximum Contaminant Levels (SMCLs) in virtually all wells at the site.

- The soil gas readings taken in the field indicated methane readings of 0 to 63 percent by volume. Carbon dioxide readings ranged from 11 to 42 percent by volume in air. These results indicate active landfill gas generation.
- The laboratory analytical results for the soil gas sample with the highest field reading indicated that in addition to methane and carbon dioxide, trace amounts of VOCs were present, including benzene, chloromethane, 1,1-dichloroethane and dichlorotetrafluoroethane (Freon 114).
- The above landfill gas results indicate that LFG has the potential to impact groundwater at the site.

Based on the above conclusions, EMCON recommends the following:

- Resample and field filter groundwater for metals analysis. Previous groundwater samples have substantial amounts of silt which may have influenced metals concentrations.
- Evaluate remedial alternatives for subsidence, landfill gas, and groundwater impacts for the site. This task has been completed by EMCON and submitted to the City under separate cover.
- To avoid installation of an LFG collection system during future development, install an additional 3-5 groundwater monitoring wells and continue monitoring to detect and quantify impacts (if any) to groundwater from LFG generation at the site. Groundwater monitoring is likely the least expensive alternative for effective LFG management and would provide additional data for groundwater flow direction determination.
- Monitor groundwater semi-annually for 3 years to track metals concentrations and potential LFG migration. At the end of 3 years, evaluate the need for any future monitoring activities.

6. LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

Table 1

ZILKER PARK

Summary of Groundwater Elevation Data

WELL I.D.	WELL DIAMETER (inches)	TOC ELEVATION (feet)	5/2/98	
			DEPTH TO GROUNDWATER (feet)	GROUNDWATER ELEVATION (feet)
MW-1 ^a	2	451.0	10.6	440.40
MW-2	2	465.7	34.71	430.99
MW-3	2	457.6	26.73	430.87
MW-4	2	464.0	31.85	432.15
MW-5	2	457.0	26.20	430.80
MW-6	2	454.2	25.15	429.05
MW-7	2	455.1	26.63	428.47

Note:

TOC = Top of Casing

^a - Measured in Oct. 97

TABLE 2
Zilker Park Groundwater Analytical Results

SOIL SAMPLES Sample Date: 03/20/98	RRS2	MW-1^a	MW-2*	MW-3	MW-4*	MW-5	MW-6	MW-7
VOCs (ug/L)		ND	ND	ND	ND	ND	ND	ND
PAH (ug/L)		ND	ND	ND	ND	ND	ND	ND
PCB (ug/L)		ND	ND	ND	ND	ND	ND	ND
PESTICIDES (mg/L)		ND	ND	ND	ND	ND	ND	ND
METALS (mg/L)								
Aluminum	0.05	0.037	219	34.7	4.12	145	98.6	186
Arsenic	0.05	ND	0.078	0.088	ND	0.150	0.031	0.073
Barium	2.0	0.69	2.59	0.650	0.200	2.25	1.27	1.39
Calcium	NS	173	ND	ND	ND	ND	ND	ND
Cadmium	0.005	ND	0.006	ND	ND	0.006	ND	ND
Chromium	0.1	ND	0.21	0.037	0.008	0.220	0.130	0.160
Iron	NS	14.2	273	62.6	5.98	281	112	220
Lead	0.015	ND	0.27	ND	ND	0.200	2.06	0.150
Magnesium	NS	33.2	ND	ND	ND	ND	ND	ND
Manganese	NS	0.39	8.04	3.96	0.46	7.75	ND	5.23
Mercury	0.002	ND	0.0013	ND	ND	ND	ND	ND
Potassium	NS	40.5	ND	ND	ND	ND	ND	ND
Sodium	NS	41.2	ND	ND	ND	ND	ND	ND
Zinc	NS	0.099	0.95	0.140	ND	0.560	0.340	0.550
NOTE:								
* - Sampled in Oct. 97			Exceed 2" DWS					
ND - Not Detected			Exceed RRS2					
bgs - Below ground surface			NS = no standard is defined by RRS2					
* - Wells drilled outside of fill areas (apparent native soils)								

Table 3
ZILKER PARK
LANDFILL GAS FIELD SCREENING RESULTS

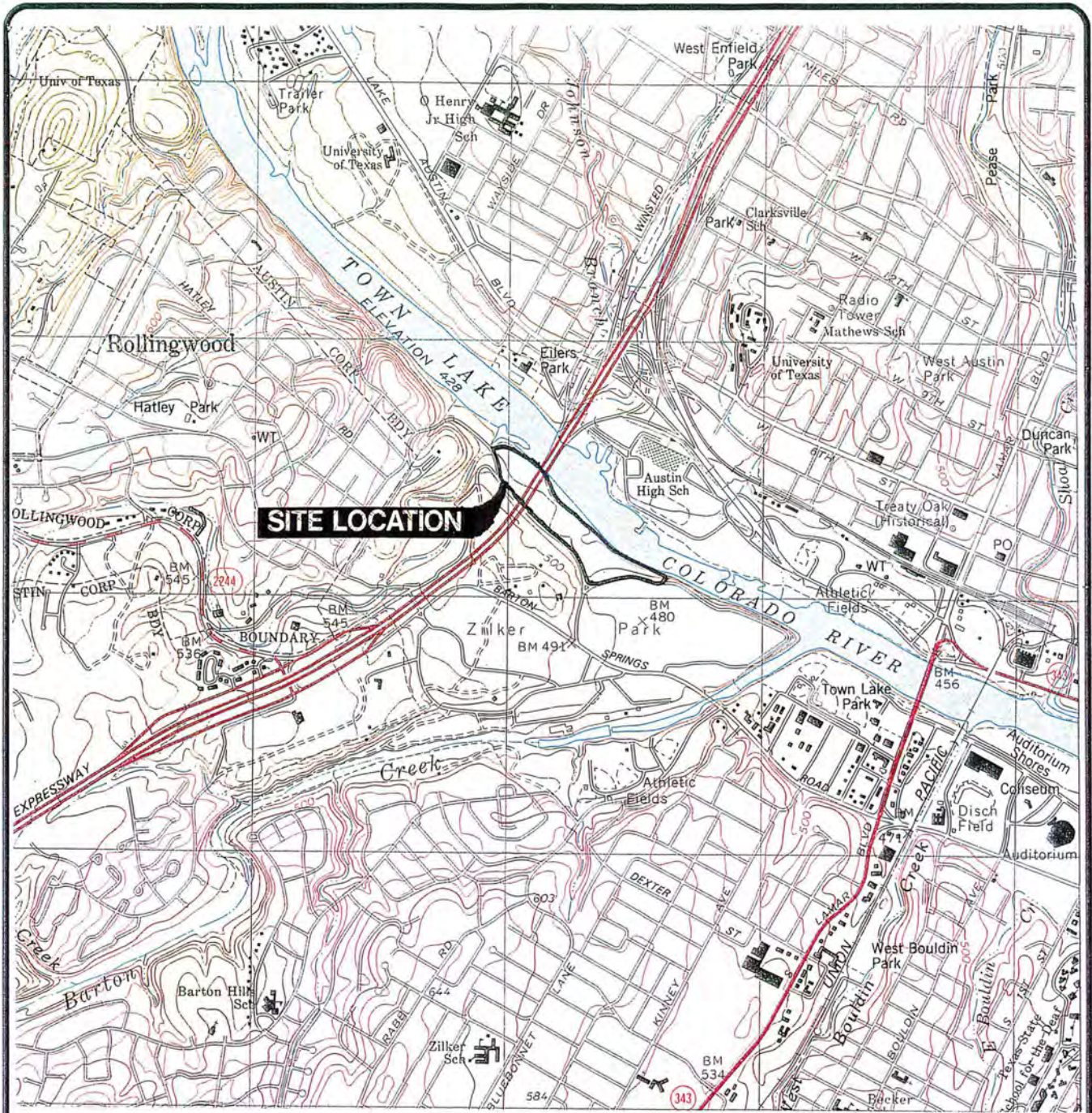
LANDFILL GAS	METHANE	CARBON DIOXIDE
LFG- 1	0	11.4
LFG- 2	2.2	21.9
LFG- 3	55.3	42.1
LFG- 4	35.1	27.3
LFG- 5	5.0	15.9
LFG- 6	60.3	27.1
LFG- 7	1.7	15.3
LFG- 8*	63.1	16.8
LFG- 9	1.8	17.0
LFG-10	34.8	23.6

* LFG -8 : Submitted for Lab Analysis of VOCs, Methane & Carbon dioxide

Table 4
ZILKER PARK
LANDFILL GAS LABORATORY RESULTS

<i>CH₄</i>	<i>% by volume</i>	45.4
<i>CO₂</i>	<i>% by volume</i>	15.1
<i>VOCs</i>	<i>(µg/L)</i>	
Benzene		26.3
Chloromethane		98.1
Dicloratetrafluoroethane		107
1,1-Dichloroethane		20.3

FIGURES



SITE LOCATION

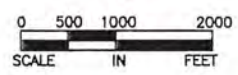
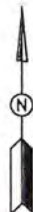
ROAD CLASSIFICATION

- | | |
|------------------------------------|--|
| Primary highway,
hard surface | Light-duty road, hard or
improved surface |
| Secondary highway,
hard surface | Unimproved road |
| Interstate Route | U. S. Route |
| | State Route |

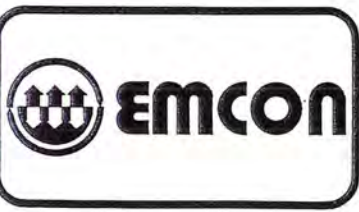
CONTOUR INTERVAL 20'

AUSTIN WEST, TEX.

SE/4 LAKE TRAVIS 15' QUADRANGLE
30097-C7-TF-024
1988
DMA 6444 IV SE-SERIES V882



FTWORTH/CADDST1 N:\DWG\96097021\034\SITELOC.dwg Xrefs: <NONE>
 Scale: 1 = 1.0000 Date: 9/19/97 Time: 9:47 AM Operator: PJW







DATE	9-97
DWN	DED
APP	BJR
REV	

CITY OF AUSTIN
 ZILKER PARK
 TRAVIS COUNTY, TEXAS
SITE LOCATION MAP

FIGURE
1
 PROJECT NO.
 62786-002-001

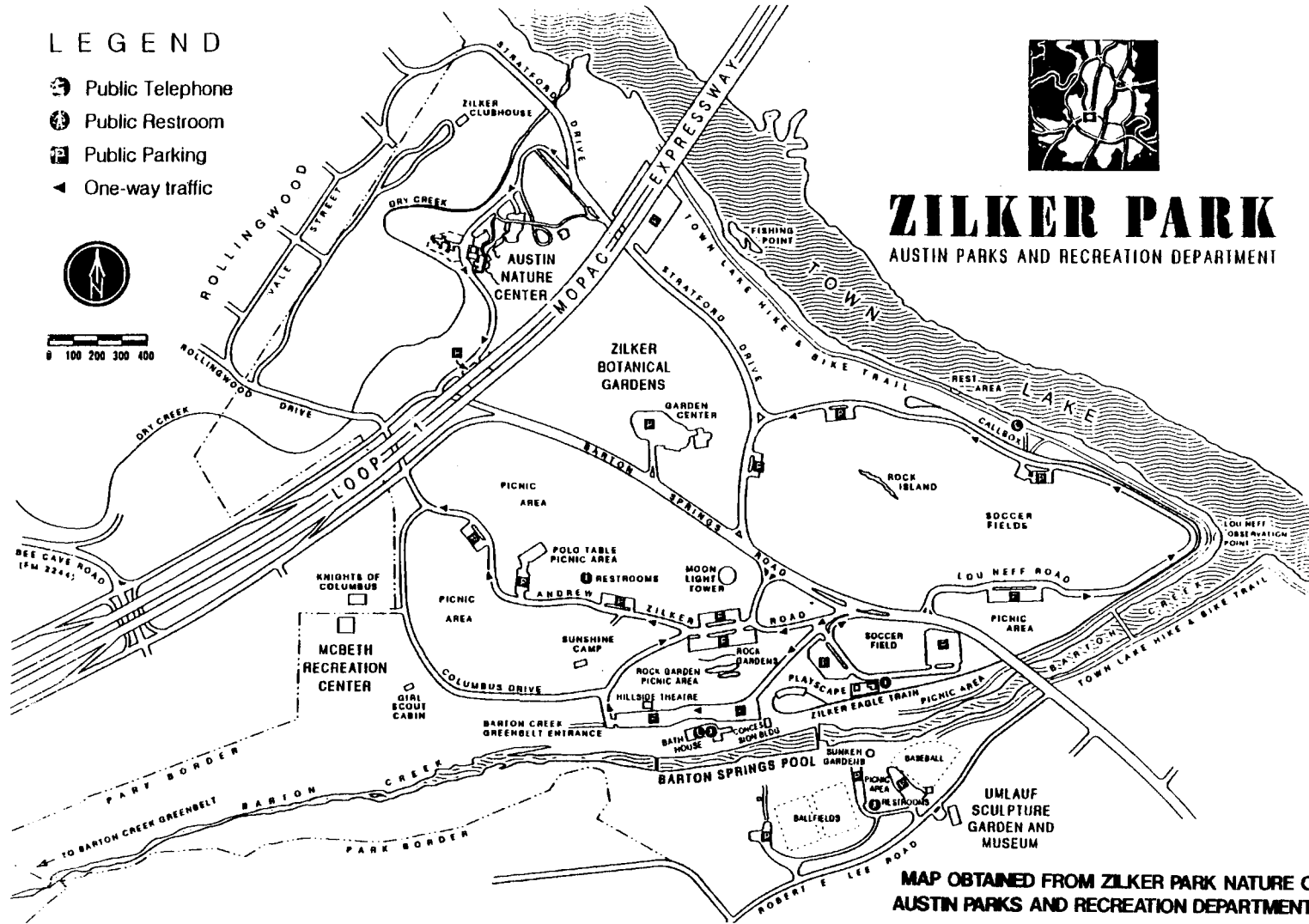
FTWORTH/CADD/ST11 N:\DWG\96097021\034\SITELOC.dwg Xrefs: <NONE>
 Scale: 1 = 1.0000 Date: 10/14/97 Time: 3:07 PM Operator: PJW

LEGEND

-  Public Telephone
-  Public Restroom
-  Public Parking
-  One-way traffic



0 100 200 300 400



ZILKER PARK
 AUSTIN PARKS AND RECREATION DEPARTMENT

MAP OBTAINED FROM ZILKER PARK NATURE CETER,
 AUSTIN PARKS AND RECREATION DEPARTMENT



DATE	9-97
DWN	GLW
APP	BJR
REV	

CITY OF AUSTIN
 ZILKER PARK
 TRAVIS COUNTY, TEXAS

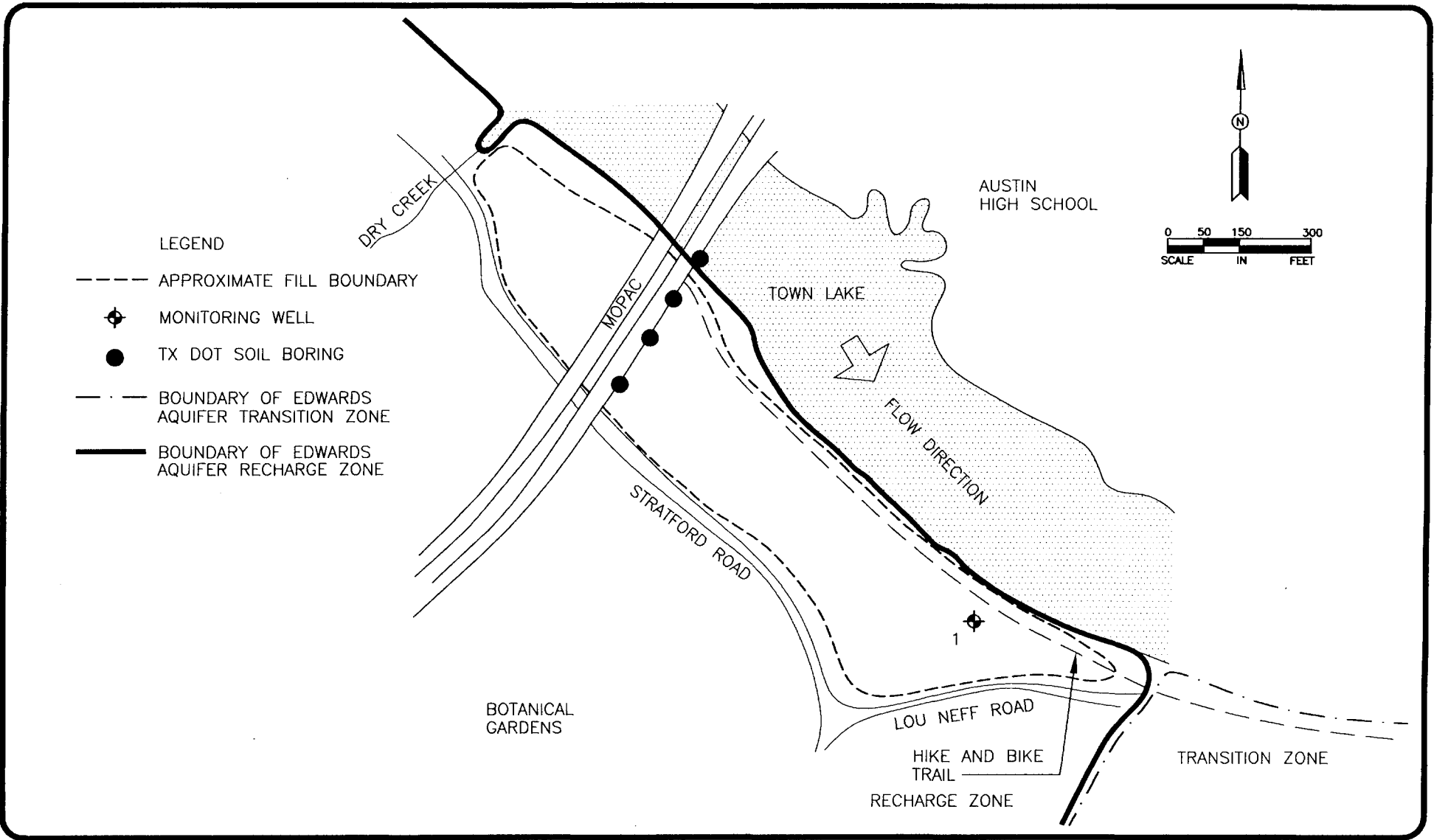
SITE MAP

FIGURE

2

PROJECT NO.
 62786-002-001

FTWORTH/CADDSTA1 N:\DWG\62786002\001\FWSITEPL.dwg Xrefs: <NONE>
Scale: 1 = 450.0000 Date: 12/17/97 Time: 9:00 AM Operator: PJW



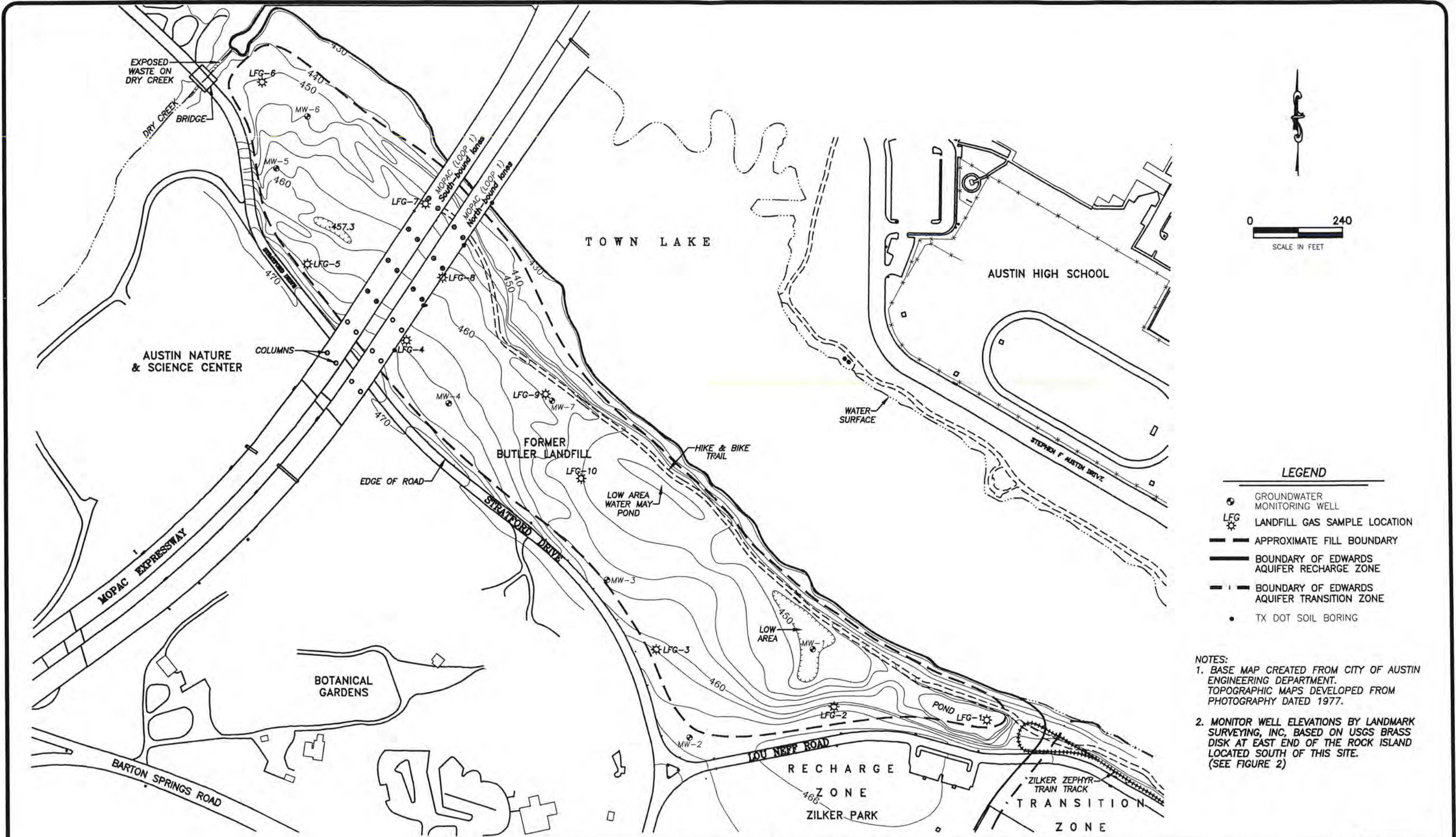
DATE 9-97
DWN GLW
APP BJR
REV

CITY OF AUSTIN
ZILKER PARK
TRAVIS COUNTY, TEXAS

SITE PLAN

FIGURE
3

PROJECT NO.
62786-002-001



- LEGEND**
- GROUNDWATER MONITORING WELL
 - LANDFILL GAS SAMPLE LOCATION
 - APPROXIMATE FILL BOUNDARY
 - BOUNDARY OF EDWARDS AQUIFER RECHARGE ZONE
 - BOUNDARY OF EDWARDS AQUIFER TRANSITION ZONE
 - TX DOT SOIL BORING

- NOTES:**
1. BASE MAP CREATED FROM CITY OF AUSTIN ENGINEERING DEPARTMENT. TOPOGRAPHIC MAPS DEVELOPED FROM PHOTOGRAPHY DATED 1977.
 2. MONITOR WELL ELEVATIONS BY LANDMARK SURVEYING, INC, BASED ON USGS BRASS DISK AT EAST END OF THE ROCK ISLAND LOCATED SOUTH OF THIS SITE. (SEE FIGURE 2)



DATE 10/2/98
 DWN HCS
 APP MJR
 REV 1

CITY OF AUSTIN
 ZILKER PARK
 TRAVIS COUNTY, TEXAS
 MONITORING WELL & GAS SAMPLING
 LOCATIONS

FIGURE
 4
 PROJECT NO.
 62786-002-001

APPENDIX A
MONITORING WELL LOGS

LOG OF MONITOR WELL MW- 2

Project Description: ZILKER PARK SUBSURFACE INVESTIGATION



Depth, feet	Samples	Symbol / USCS	Location: Surface El.: 465.74' MSL	Monitor Well Construction Detail	Hand Penetrometer tsf	Penetration Blows / Foot	Moisture Content, %	Unit Dry Weight, lb/cu ft.	Liquid Limit	Plastic Limit	Plasticity Index	% Passing No. 200 Sieve	Unc. Compressive Strength, tsf
MATERIAL DESCRIPTION													
5		CLAY LOAM, dark brown, plastic	460.7	[Symbol]									
10		SAND, fine-grained	453.7	[Symbol]									
15		SANDY CLAY LOAM, tan, fine-grained	443.7	[Symbol]									
20		SAND, tan-red, grained-grained	426.7	[Symbol]									
25		- moisture, mud collars		[Symbol]									
30				[Symbol]									
35				[Symbol]									
40				[Symbol]									
45				[Symbol]									
50				[Symbol]									

Completion Depth: **39.0 ft.**
 Date Boring Started: **3/19/98**
 Date Boring Completed: **3/19/98**
 Engineer/Geologist: **B. Summers**
 Project No.: **62786-002.001**

Remarks:

PLOT NO. ZILKER

EMCON

The stratification lines represent approximate strata boundaries. In situ, the transition may be gradual.

LOG OF MONITOR WELL MW- 3

Project Description: ZILKER PARK SUBSURFACE INVESTIGATION



Depth, feet	Samples	Symbol / USCS	MATERIAL DESCRIPTION	Monitor Well Construction Detail	Hand Penetrometer tsf	Penetration Blows / Foot	Moisture Content, %	Unit Dry Weight, lb/cu ft.	Liquid Limit	Plastic Limit	Plasticity Index	% Passing No. 200 Sieve	Unc. Compressive Strength, tsf
			Location: Surface El.: 457.66' MSL										
			COVER SOILS 455.7										
			TRASH - wire, tin cans 453.7										
5			CLAY LOAM, dark brown										
10			SAND CONTENT, moist, soft, plastic 446.7										
15			- very soft										
20			- water										
25													
30													
35													
40			- 6-inches coarse-grained sand w/gravel 417.7										
45			WEATHERED LIMESTONE, fractured 410.2										
50													

Completion Depth: 47.5 ft.
 Date Boring Started: 3/19/98
 Date Boring Completed: 3/19/98
 Engineer/Geologist: B. Summers
 Project No.: 62786-002.001

Remarks:

LOG OF MONITOR WELL MW- 4

Project Description: ZILKER PARK SUBSURFACE INVESTIGATION



Depth, feet	Samples	Location: Surface El.: 464.09' MSL	MATERIAL DESCRIPTION	Monitor Well Construction Detail	Hand Penetrometer tsf	Penetration Blows / Foot	Moisture Content, %	Unit Dry Weight, lb/cu ft.	Liquid Limit	Plastic Limit	Plasticity Index	% Passing No. 200 Sieve	Unc. Compressive Strength, tsf
5			CLAY LOAM, dark brown	[Hatched pattern]									
10				[Hatched pattern]									
15				[Hatched pattern]									
20				[Hatched pattern]									
25			- increasing softness w/depth	[Hatched pattern]									
30				[Hatched pattern]									
35			- mud collars at 32 ft.	[Hatched pattern]									
40				[Hatched pattern]									
45				[Hatched pattern]									
50				[Hatched pattern]									

Completion Depth: **33.0 ft.**
 Date Boring Started: **3/16/98**
 Date Boring Completed: **3/16/98**
 Engineer/Geologist: **B. Summers**
 Project No.: **62786-002.001**

Remarks:

proj. 44. ZILKER

EMCON

The stratification lines represent approximate strata boundaries. In situ, the transition may be gradual.

LOG OF MONITOR WELL MW- 5

Project Description: ZILKER PARK SUBSURFACE INVESTIGATION



Depth, feet	Samples	Symbol / USCS	MATERIAL DESCRIPTION	Monitor Well Construction Detail	Hand Penetrometer tsf	Penetration Blows / Foot	Moisture Content, %	Unit Dry Weight, lb/cu ft.	Liquid Limit	Plastic Limit	Plasticity Index	% Passing No. 200 Sieve	Unc. Compressive Strength, tsf
			Location: Surface El.: 457.04' MSL										
			COVER SOIL, clayey, brown										
5			GRAVELLY CLAY, plastic, glass (FILL MATERIAL)										
10													
15			CLAYEY SAND, gray - increasing clay content to 18 ft.										
20			SAND, tan										
25			CLAY, brown, w/small gravel - increasing stiffness & less gravel w/depth - gray seams										
30			CLAY, gray, w/limestone gravel										
35			SAND & GRAVEL, coarse, w/limestone chips - finer sand & less gravel										
40													
45													
50													

Completion Depth: **38.0 ft.**
 Date Boring Started: **3/19/98**
 Date Boring Completed: **3/19/98**
 Engineer/Geologist: **R. Hunt**
 Project No.: **62786-002.001**

Remarks:

LOG OF MONITOR WELL MW- 6

Project Description: ZILKER PARK SUBSURFACE INVESTIGATION



Depth, feet	Samples	Symbol / USCS	Location: Surface El.: 454.24' MSL	Monitor Well Construction Detail	Hand Penetrometer tsf	Penetration Blows / Foot	Moisture Content, %	Unit Dry Weight, lb/cu ft.	Liquid Limit	Plastic Limit	Plasticity Index	% Passing No. 200 Sieve	Unc. Compressive Strength, tsf
MATERIAL DESCRIPTION													
		COVER SOILS	453.7										
5		TRASH - wire, soda cans, asphalt - waste											
10		CLAY, dark brown, - stiffer, smoother	444.2										
15		- asphalt											
20		- sand content											
25		- limestone fragments	430.2										
30		SAND, becomes more coarse w/depth - fine-grained											
35		- gravel - limestone fragments											
40			415.2										
45													
50													

Completion Depth: **39.0 ft.**
 Date Boring Started: **3/17/98**
 Date Boring Completed: **3/17/98**
 Engineer/Geologist: **B. Summers**
 Project No.: **62786-002.001**

Remarks:

Well ID: ZILKE

LOG OF MONITOR WELL MW-7

Project Description: ZILKER PARK SUBSURFACE INVESTIGATION



Depth, feet	Samples	Symbol / USCS	MATERIAL DESCRIPTION	Monitor Well Construction Detail	Hand Penetrometer tsf	Penetration Blows / Foot	Moisture Content, %	Unit Dry Weight, lb/cu ft.	Liquid Limit	Plastic Limit	Plasticity Index	% Passing No. 200 Sieve	Unc. Compressive Strength, tsf
Location: Surface El.: 455.10' MSL													
5			CLAY LOAM, dark brown										
			TRASH, soda cans/tin cans										
10													
			SAND, fine-grain, tan, native sand deposit, moist										
15													
			CLAY LOAM, dark brown, moist, plastic										
20			SAND, tan, moist, clay										
			- increasing clay content, dark brown, stiff, some gravel & sand										
			- less clay										
25			CLAY, stiff, hard, dark brown										
			SAND, fine-grain, increasing clay content, moist, tan										
			CLAY, stiff, increasing sand, very coarse-grained, sand stringer										
			- fine-grain, very moist sand										
30			CLAY, dark brown-black, moist, firm										
			- unconsolidated limestone fragments & gravel										
35			- very coarse-grained sand, unconsolidated w/fragments										
40													
45													
50													

Rec'd by: ZILKER

Completion Depth: **34.5 ft.**
 Date Boring Started: **3/17/98**
 Date Boring Completed: **3/17/98**
 Engineer/Geologist: **B. Summers**
 Project No.: **62786-002.001**

Remarks:

EMCON

The stratification lines represent approximate strata boundaries. In situ, the transition may be gradual.

APPENDIX B
SURVEY MAP AND DATA POINTS

POINTS LIST TO ACCOMPANY SKETCH OF LOCATION OF MONITORING WELLS AT OLD ZILKER PARK LANDFILL SITE

Pt.No.	Northing	Easting	Elev	Code	Description
1	7110.1	10582.5	<Null>	60d na	
2	7312.9	9985.5	485.7	60dna	
3	7649.1	9990.2	485.7	mw2	
4	8522.2	9360.1	484.0	60d mw 4	
5	8999.7	9009.4	<Null>	60d set	
6	9133.2	9027.1	<Null>	60d set	
7	7747.8	10000.7	<Null>	60d set	
101	7225.0	9846.6	<Null>	bc pcr	
102	7235.9	9864.3	<Null>	bc pcr	
103	7218.8	9912.3	<Null>	bc pt	
104	7348.1	9847.3	<Null>	bc pt	
105	7362.5	9898.4	<Null>	bc pcr	
106	7384.5	9889.6	<Null>	bc pcr	
107	7660.4	10396.6	<Null>	bc pt	
108	7541.9	10032.5	<Null>	end bc pc	
109	7598.9	9984.7	<Null>	ea poc	
110	7653.6	9917.7	<Null>	ea pt	
111	8061.2	9777.3	457.6	mw3	
112	8529.1	9832.6	455.1	mw7	
113	7786.1	9882.0	<Null>	ea pc	
114	7874.6	9850.5	<Null>	ea poc	
115	7957.6	9804.6	<Null>	ea poc	
116	8038.2	9742.7	<Null>	ea poc	
117	8112.7	9673.4	<Null>	ea poc	
118	8167.9	9814.2	<Null>	ea pt	
119	8360.8	9374.0	<Null>	ea pc	
120	8421.1	9305.2	<Null>	ea poc	
121	8490.4	9240.2	<Null>	ea poc	
122	8534.1	9202.5	<Null>	ea pt	
123	8953.8	9401.1	<Null>	column	
124	8961.2	9378.1	<Null>	column	
125	9029.9	9335.9	<Null>	column	
126	9056.2	9312.6	<Null>	column	
127	8975.7	9258.6	<Null>	column	
128	8948.7	9281.7	<Null>	column	
129	8900.4	9324.0	<Null>	column	
130	8874.2	9347.0	<Null>	column	
131	8940.6	9408.2	<Null>	edge	
132	8978.3	9358.7	<Null>		
133	8997.8	9332.6	<Null>		
134	9047.6	9290.7	<Null>		
135	8894.8	9204.5	<Null>		
136	8868.5	9227.6	<Null>		
137	8820.1	9269.9	<Null>		
138	8793.4	9292.9	<Null>		
139	8713.0	9238.8	<Null>		
140	8739.6	9215.5	<Null>	column	
141	8788.1	9173.3	<Null>	column	
142	8814.4	9150.2	<Null>	column	
143	8734.1	9096.1	<Null>	column	
144	8707.5	9119.3	<Null>	column	
145	8659.0	9161.6	<Null>	column	
146	8632.7	9184.4	<Null>	column	
147	8552.7	9129.6	<Null>	column	
148	8579.0	9106.4	<Null>	column	
149	8827.0	9064.6	<Null>	column	
150	8653.4	9041.7	<Null>	column	
151	8543.1	9140.0	<Null>	edge	
152	8586.9	9095.6	<Null>	edge	
153	8611.8	9070.9	<Null>	edge	
154	8661.7	9030.3	<Null>	edge	
155	8850.0	9346.5	455.2	mw 8	
156	8906.6	8906.9	<Null>	ea pc	
157	8956.5	8884.1	<Null>	Hd Wall	
158	8970.6	8874.4	<Null>	Hd Wall	
159	8953.3	8842.7	<Null>	Hd Wall	
160	8934.3	8855.6	<Null>	Hd Wall	
161	8986.0	8864.0	<Null>	ea poc	
162	9034.6	8856.3	<Null>		
163	9104.9	8849.3	<Null>		
164	9216.9	8832.6	<Null>		
165	9307.3	8788.7	<Null>		
166	9396.7	8709.6	<Null>		
167	9404.6	8717.2	<Null>		
168	9365.8	8755.7	<Null>		
169	9333.1	8723.2	<Null>		
170	9372.4	8684.2	<Null>	bridge	
171	9133.2	8911.1	457.0	mw 5	
172	9269.0	8993.2	454.2	mw 6	
173	7880.1	10318.6	451.0	mw1	
174	7221.2	9861.1	<Null>	ARC CEN	
175	7376.9	9902.5	<Null>	ARC CEN	

Date : APRIL 8, 1998

CLIENT: CITY OF AUSTIN
 OFFICE: KMS
 CREW: N. GOOD
 F.B.: 130/51
 JOB NO.: 98-0185-01-01
 FILE: C:\DWG3\COA\LANDFILL\PNLIST.DWG



1301 S. CAPITAL OF TEXAS HWY.
 BUILDING A, SUITE 231
 AUSTIN, TEXAS 78746
 PH: (512)328-7411 FAX: (512)328-7413

APPENDIX C
BARTON SPRINGS/EDWARDS AQUIFER CONSERVATION
DISTRICT DATA



BARTON SPRINGS/EDWARDS AQUIFER CONSERVATION DISTRICT

1124A Regal Row · Austin, Texas · 78748 · (512)282-8441 · FAX (512)282-7016

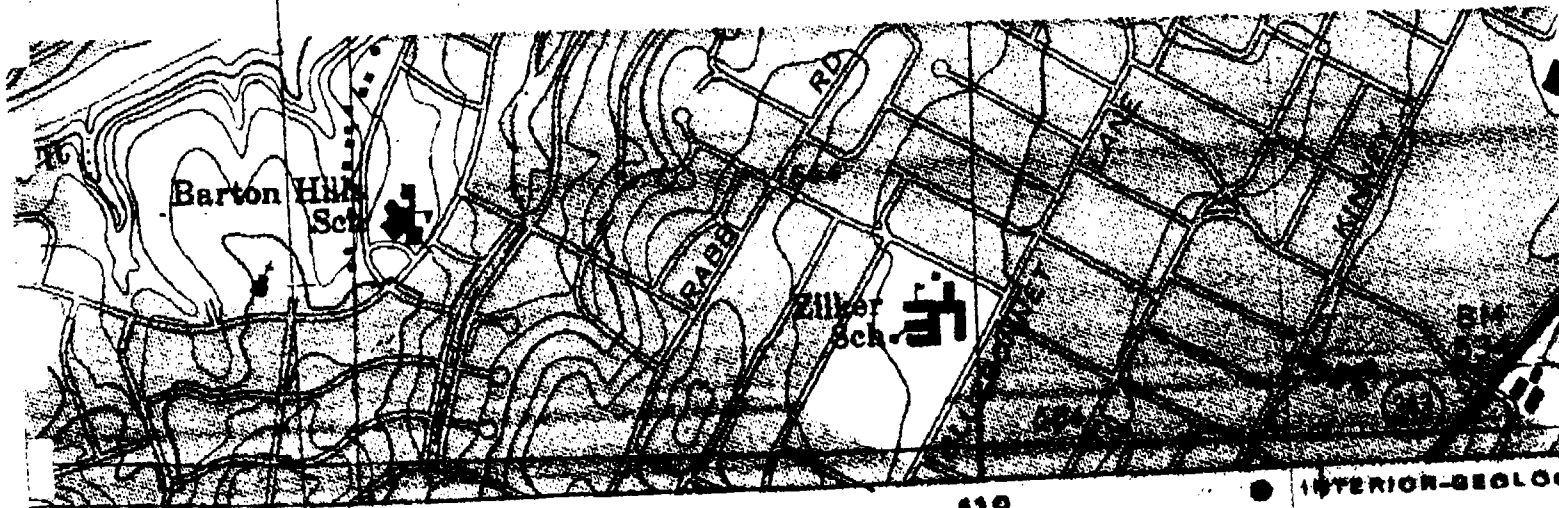
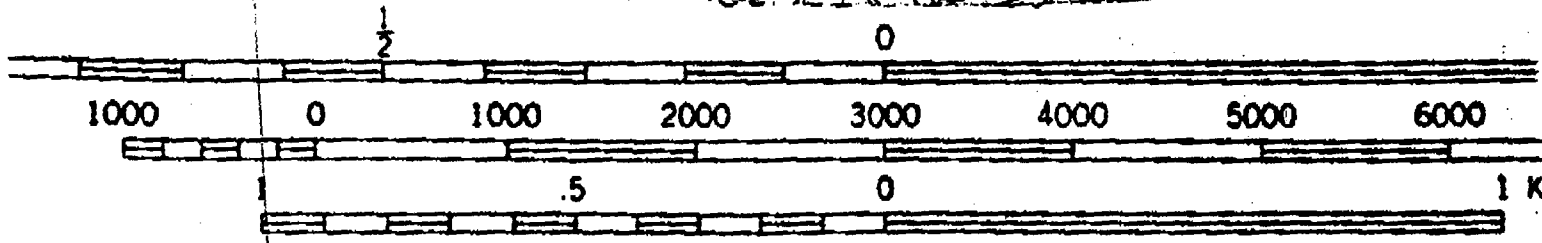
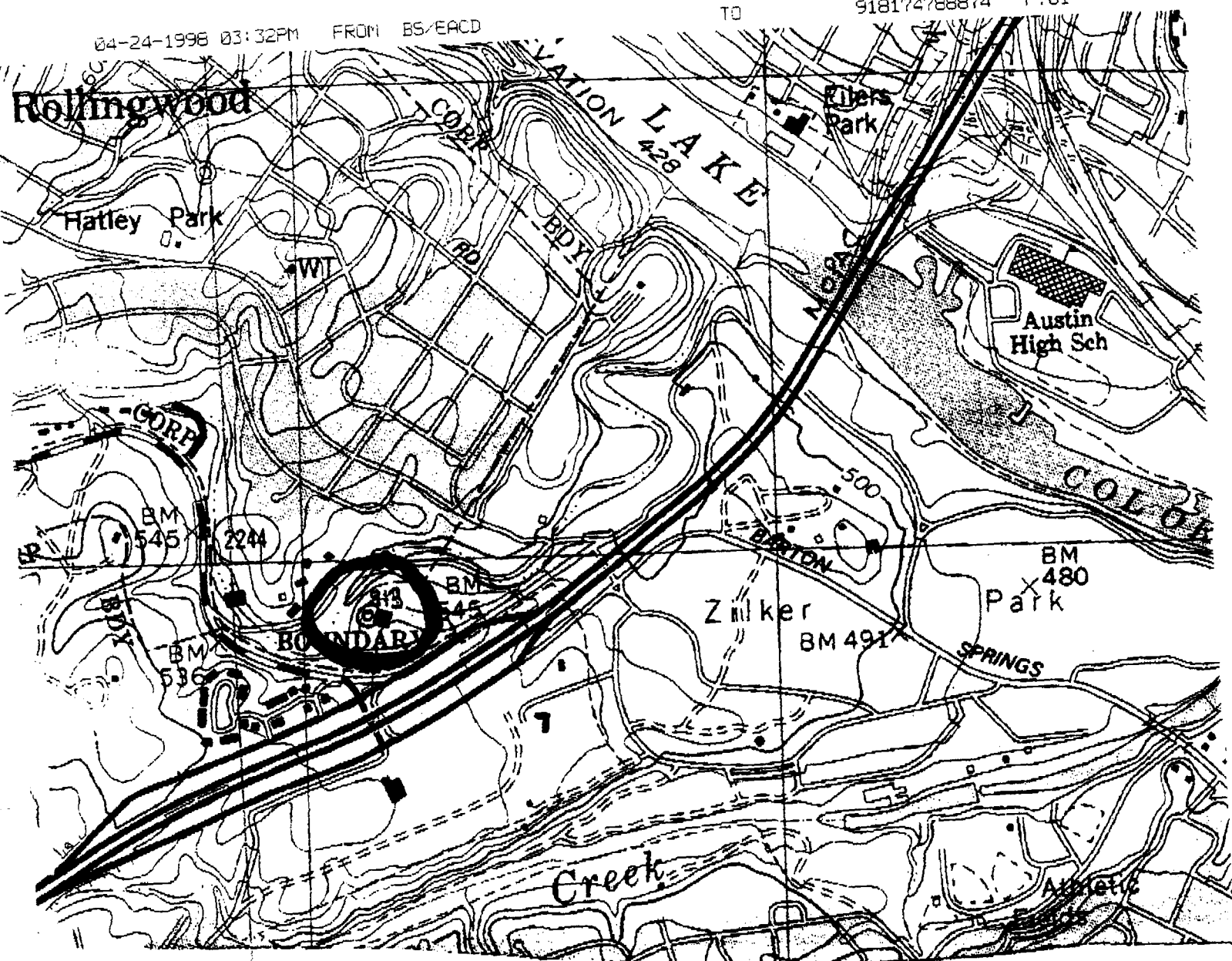
FAX COVER SHEET

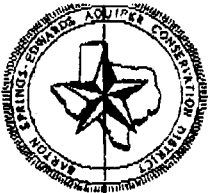
DATE: 7/24/98
COMPANY:
ATTENTION: Beth Summers
FAX#: 817 478-8874
FROM: NICO
PAGES INCLUDING THIS COVER: 7

COMMENTS:

For Problems With This Transmittal Call: (512) 282-8441

Rollingwood





Barton Springs / Edwards Aquifer Conservation District

1124A Regal Row
Austin, TX 78748
(512) 282-8441

Water Quality Testing and Analysis Results

State Well No. 58-42-913 Contact Shelly Norton Phone 327-2500
Well Owner Park Hills Baptist Church Well No. 1 of 1
Address 2500 Bee Cave Rd. City Austin State TX Zip 78746
County Travis Aquifer Edwards Classification Public Water Supply
Well Location 2500 Bee Caves Rd. on the west side of MOPAC. behind church

Well-Site Measurements

Sampled By Nico M. Hauwert Sample Date/Time 3/8/93 16:00
Depth to Water (from top of casing) CNM feet Casing Height (above ground) ----- feet
Top Of Casing Elevation 540+15 feet Well Depth 180 feet
Final pH 7.27 Temperature 20.3° Centigrade x 9/5 + 32 = 68.5° Fahrenheit
Conductivity 641 uS/cm Dissolved Solids 321 mg/l Total Alkalinity 284 mg/l

Spectrophotometer Chemical Analysis

Tested By Shawn Vickers Test Date/Time -----

BS/EACD Lab Result	EPA Primary Drinking Water Standard
Iron <u>0.01</u> mg/l	0.3 mg/l
Sulfate <u>1</u> mg/l	300.0 mg/l
Chloride <u>4</u> mg/l	300.0 mg/l
Nitrate <u>1.7</u> mg/l	10.0 mg/l
Fluoride <u>0.23</u> mg/l	4.0 mg/l

Bacterial Analysis (presence-absence)

Total Coliform absent Fecal Coliform absent

Notes: Edwards Aquifer water-quality study well no. 17. Well could not be accessed for water-level measurement. Water samples were submitted to LCRA for comprehensive analysis.



Well Purging Data

STATE WELL NUMBER: 58-42-913								
Estm. 3 Well Volumes = 300 gallons								
Date: 3/6/93								
MINUTES OF PUMPING	METER READING (gallons)	PUMPED (gallons)	FLOW RATE (gpm)	pH	TEMP (F)	CONDUCTIVITY (µS/cm)	TDS (mg/l)	
1520	0							
1530	10	1186530	31.25		7.18	21.4	630	
1536	16				7.2	20.9	641	
1548	28	1186580	81.25	3.125	7.21	20.3	641	
1550	30				7.22	20.7	581	
1554	34				7.2	20.2	641	
1600	40	Began Sampling	125					
1608	48				7.3	21.3	641	
1611	51				7.27	20.5	640	
1613	54		168.75		7.27	20.6	633	

WATER QUALITY SUMMARY

4th Quarter Averages (Oct. 1, 1997 to Dec. 31, 1997)



City of Austin

Founded by Congress, Republic of Texas
Municipal Building, Eighth at Colorado

DWTS
Brew
Town
LAKE

Post-it® Fax Note	7671	Date	4/27/98	# of pages	1
To	Beth Summers	From	Rick Coronado		
Co./Dept.	MCo n.	Co.	City of Austin		
Phone #		Phone #	(512) 322-3675		
Fax #	(817) 478-8874	Fax #	(512) 322-2795		

(X00)

CONSTITUENT (mg/L)								
Total Ammonia (as N)	0.05	0.05						
Free Ammonia (as N)	---	---						
Calcium	51	63						
Chlorine Residual	---	---						
Chloride	45.7	41.0	45.8	48.6	43.3	48.6	[250]	
Fluoride	0.21	0.20	0.20	0.72	0.75	0.71	4/[2]	
Magnesium	17	18	17	13	13	13		
Nitrate (as N)	0.06	0.41	0.04	0.06	0.44	0.08	10	
Nitrite (as N)	0.03	0.02	0.02	0.02	0.02	0.02	1	
Sodium	25.5	22.7	25.3	25.4	22.2	25.4		
Sulfate	38.1	37.3	38.4	39.8	39.8	39.7	[250]	
Total Phosphate	0.09	0.09	0.07	0.72	1.07	1.02		
Total Hardness	198	233	195	96	97	96		
pH (units)	8.1	7.8	8.1	9.7	10.3	9.6	*>7.0	
Conductivity (umhos/cm)	476	509	489	336	318	332		
Total Alkalinity as CaCO3	154	188	151	51	51	53		
Total Alkalinity as CaCO3	0	0	0	16	26	14		
Total Solids	352	376	342	250	245	251	[500]	
Threshold Odor (TON)	4	4	4	0	0	0	[3]	
Total Organic Carbon	3.99	3.14	4.07	2.47	1.80	2.55		
Trihalomethane	---	---	---	0.0341	0.0309	0.0344	0.100	
Turbidity (NTU)	3.84	2.17	4.07	0.22	0.13	0.09	0.50	
Silica	11.9	12.0	11.7	10.5	10.8	10.6		
UV 254 (1/cm)	0.100	0.080	0.110	0.060	0.040	0.060		
Total Coliform (Col/100ml)	82	1244	79	Abs^	Abs^	Abs^	**	
E. Coli (Col/100ml)	41	401	26	Abs^	Abs^	Abs^		
Aluminum	0.064	0.101	0.080	<0.005	0.009	0.014	[0.05-0.2]	
Arsenic	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	0.05	
Barium	0.062	0.058	0.065	0.012	0.011	0.017	2.0	
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.005	
Chromium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.1	
Copper	0.006	0.004	0.008	<0.002	0.002	<0.002	1.3***	
Iron	0.183	0.109	0.116	0.010	0.022	0.005	[0.3]	
Lead	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.015***	
Manganese	0.017	0.014	0.026	<0.001	<0.001	<0.001	[0.05]	
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.002	
Nickel	0.002	<0.002	0.003	<0.002	<0.002	<0.002	[0.10]	
Selenium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.05	
Silver	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.10	
Antimony	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.006	
Beryllium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	
Cinc	<0.006	0.009	0.010	<0.006	<0.006	<0.006	[5.0]	
Endrin	#	#	#	<0.0001	<0.0001	<0.0001	0.002	
Lindane	#	#	#	<0.0001	<0.0001	<0.0001	0.0002	
Heptachlor	#	#	#	<0.0001	<0.0001	<0.0001	0.04	
4-D	#	#	#	<0.005	<0.005	<0.005	0.07	
2,4,5-TP (Silvex)	#	#	#	<0.005	<0.005	<0.005	0.05	

DWA MCL = Safe Drinking Water Act Maximum Contaminant Level
 = Recommended SMCL (secondary standard) by TNECC for aesthetic quality
 ** = MCL is no more than 5% of the compliance samples with Total Coliform
 *** = Action Levels
 = MCL for tap water only
 = Symbol indicates levels are below detection limits of the instrumentation
 ^ = Presence/Absence unit for tap water
 = No data available



FINAL ANALYSIS REPORT

LAB ID: 9302149 SAMPLE TYPE: DRKWTR
 FACILITY: BS/EACD
 ACCT NO: BARTON SPRINGS/EDWARDS AQUIFER

DATE REPORTED: 06/14/93
 DATE RECEIVED: 03/21/93

SAMPLE DATE: 03/08/93
 SAMPLE TIME: 1600

LOCATION ID: PARK HILL BAPTIST CHURCH (15) -58-42-913

DEPTH:

PARAMETER	RESULTS	UNITS	METHOD #	DATE ANALYZED
4'-DDD	<1.00	ug/L	EPA8080	04/10/93
4'-DDE	<1.00	ug/L	EPA8080	04/10/93
4,4'-DDT	<1.00	ug/L	EPA8080	04/10/93
ldrin	<1.00	ug/L	EPA8080	04/10/93
Alkalinity, Total	291	mg/L	EPA310.1	03/23/93
Alkalinity, bicarb.	291	mg/L	SM403	03/23/93
Alpha, Gross	<5.000	pCi/L	EPA9310	06/09/93
Aluminum, Dissolved	0.21	mg/L	PA200.7	05/18/93
Arsenic, Diss.-AA	<0.005	mg/L	EPA206.2	04/23/93
Barium, Dissolved	0.06	mg/L	EPA200.7	05/18/93
Boron, Dissolved	<1.00	mg/L	EPA200.7	05/22/93
Cadmium, Dissolved	<0.01	mg/L	EPA200.7	05/18/93
Calcium, Dissolved	110.30	mg/L	EPA200.7	06/07/93
Carbon, Tot. Organic	1.00	mg/L	EPA415.2	03/19/93
Chloride	24	mg/L	EPA325.2	04/05/93
Coliform, Fecal	0	/100 ml	SM9222D	03/10/93
Copper, Dissolved	0.03	mg/L	EPA200.7	05/22/93
ieldrin	<1.00	ug/L	EPA8080	04/10/93
ndrin	<1.00	ug/L	EPA8080	04/10/93
Fluoride	<0.2	mg/L	EPA340.2	03/19/93
Heptachlor Epoxide	<1.00	ug/L	EPA8080	04/10/93
Iron, Dissolved	<0.01	mg/L	EPA200.7	05/22/93
Lead, Diss.-AA	<0.005	mg/L	EPA206.2	04/23/93
Lindane	<1.00	ug/L	EPA8080	04/10/93
Magnesium, Dissolved	19.27	mg/L	EPA200.7	06/07/93
Manganese, Dissolved	<0.01	mg/L	EPA200.7	05/22/93
Mercury, Diss.-AA	<0.001	mg/L	EPA206.2	04/27/93
Nitrogen, Kjeldahl	<0.010	mg/L	EPA351.2	03/27/93
Nitrogen, ammonia	<0.01	mg/L	EPA350.1	03/12/93
Nitrogen, nitrate	1.649	mg/L	EPA354.2	03/11/93

JCK HENDERSON
 LABORATORY MANAGER

This report shall not be reproduced except in full, without the written approval of the laboratory management.

1



FINAL ANALYSIS REPORT

LAB ID: 9302149
 FACILITY: BS/EACD
 ACCT NO: BARTON SPRINGS/EDWARDS AQUIFER

SAMPLE TYPE: DRKWTR

DATE REPORTED: 06/14/93
 DATE RECEIVED: 03/21/93

SAMPLE DATE: 03/08/93
 SAMPLE TIME: 1600

LOCATION ID: PARK HILL BAPTIST CHURCH (15) -58-42-913

DEPTH:

PARAMETER	RESULTS	UNITS	METHOD #	DATE ANALYZED
Nitrogen, nitrite	<0.010	mg/L	EPA353.2	03/11/93
Phosphorus, ortho	0.011	mg/L	EPA365.1	03/11/93
Potassium, Dissolved	<1.00	mg/L	EPA200.7	06/07/93
Residue, Filt. - TDS	373	mg/L	EPA160.1	03/10/93
Residue, Nonfilt-TSS	2	mg/L	EPA160.2	04/28/93
Selenium, Diss.-AA	<0.005	mg/L	EPA206.2	03/30/93
Silica	9.67	mg/L	EPA200.7	05/22/93
Silver, Diss.-AA	<0.005	mg/L	EPA272.2	04/22/93
Sodium, Dissolved	11.73	mg/L	EPA200.7	06/07/93
Strontium, Dissolved	0.17	mg/L	EPA200.7	05/22/93
Sulfate	16	mg/L	EPA375.2	04/05/93
Total Hardness	355	mg/L	SM314A	06/07/93
Total Pet. Hydro.	<1.0	mg/L	EPA418.1	03/23/93
Zinc, Dissolved	0.31	mg/L	EPA200.7	05/22/93

NOTE: TSS analysis requested after holding time.

BUCK HENDERSON
 LABORATORY MANAGER

This report shall not be reproduced except in full, without the written approval of the laboratory management.

2



Lower Colorado River Authority

ENVIRONMENTAL LABORATORY

3600 Lake Austin Blvd. Austin, Texas 78703 • (512) 473-3374

LAB ID: 9100195
FACILITY: BS/EACD
ACCT NO: BILL CUSTOMER

SAMPLE TYPE: GW

DATE REPORTED: 08/16/90
DATE RECEIVED: 07/19/90

LOCATION ID: PARK HILL BAPTIST

SAMPLE DATE: 07/19/90
SAMPLE TIME: 0930
DEPTH:

PARAMETER	RESULTS	UNITS	METHOD #	COMMENTS
Alkalinity, Total	299	mg/L	E310.1	
Alkalinity, bicarb.	299	mg/L	SM403	
Alpha, Gross	4.900	pCi/L	E9310	
Aluminum, Dissolved	<0.01	mg/L	200.7	
Arsenic, Diss.-AA	<0.005	mg/L	E206.2	
Barium, Dissolved	0.07	mg/L	E200.7	
Boron, Dissolved	0.15	mg/L	E200.7	
Cadmium, Dissolved	<0.01	mg/L	E200.7	
Calcium, Dissolved	95.95	mg/L	E200.7	
Carbon, Tot. Organic	3.00	mg/L	E415.2	
Chloride	21	mg/L	E325.2	
Chromium, Dissolved	<0.01	mg/L	E200.7	
Copper, Dissolved	<0.01	mg/L	E200.7	
Fluoride	0.2	mg/L	E340.2	
Iron, Dissolved	<0.01	mg/L	E200.7	
Lead, Diss.-AA	<0.010	mg/L	E206.2	
Magnesium, Dissolved	20.09	mg/L	E200.7	
Manganese, Dissolved	<0.01	mg/L	E200.7	
Mercury, Diss.-AA	<0.001	mg/L	E206.2	
Nitrogen, Kjeldahl	0.14	mg/L	E351.2	
Nitrogen, ammonia	0.07	mg/L	E350.1	
Nitrogen, nitrate	1.53	mg/L	E353.2	
Nitrogen, nitrite	<0.01	mg/L	E353.2	
Phosphorus, ortho	<0.01	mg/L	E365.1	
Potassium, Dissolved	1.53	mg/L	E200.7	
Residue, Filt. - TDS	358	mg/L	E160.1	
Selenium, Diss.-AA	<0.005	mg/L	E206.2	
Silver, Dissolved	<0.01	mg/L	E200.7	
Sodium, Dissolved	8.50	mg/L	E200.7	
Strontium, Dissolved	0.19	mg/L	E200.7	
Sulfate	22	mg/L	E375.2	
Total Hardness	322	mg/L	SM314A	
Zinc, Dissolved	<0.01	mg/L	E200.7	
Silica	10.00	mg/L	E200.7	

REC'D AUG 23 1990

X Keq (copy)

BUCK HENDERSON
LABORATORY MANAGER

Buck Henderson

1

Accredited for Environmental Testing
by The American Association for
Laboratory Accreditation



TOTAL P.07


**Barton Springs/Edwards Aquifer
Conservation District**

 1124A Regal Row
 Austin, TX 78748
 (512) 282-8441

Water Quality and Analysis Program

State Well Number	58-42-913	Date	10/30/92
Owner	Park Hills Baptist Church		
Address	Bee Caves Rd.		
City	Austin	Zip	78746
County	Travis	Sampled By	S. Schuster
Aquifer	Edwards	Tested By	S. Schuster

WELL SITE ANALYSIS

Water Level MSL	N/A	Feet Below Surface
Temp Centigrade	21.8	Centigrade
Conductivity	670	μ mhos/cm
Dissolved Solids	340	mg/l
pH	7.05	
Total Alkalinity	245	mg/l

CHEMICAL ANALYSIS

Iron	0.00	mg/l
Sulfate	8	mg/l
Chloride	5	mg/l
Nitrate (as N)	2.2	mg/l
Fluoride	0.19	mg/l

BACTERIAL ANALYSIS

Total Coliform	negative
E. Coliform	negative



Certes

Environmental Laboratories

2209 Wisconsin Street, Suite 200
Dallas, Texas 75229
972-620-7966
300-394-2872
972-620-7963 FAX • Email: certes@aol.com

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

Certes File Number: **98-0778**

Client Project I.D.:

62786.002.001

Prepared for:

EMCON

**5701 E Loop 820 S.
Fort Worth, TX 76119**

Attention:

Becky Richards

Report Date:

04/07/98

Included are the results of chemical analyses for the samples submitted to Certes Environmental Laboratories, L.L.C., on 03/23/98. All analytical results met Quality Control requirements as set by the industry accepted criteria. Please refer to the Laboratory Quality Control Results section of this report.

Sincerely,

Certes Environmental Laboratories, L.L.C.



**Chase A. Thibodaux
Laboratory Manager**

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
Sample Number: 98-0778-001 Client Sample ID: LFG-8						
Date Sampled: 03/20/98 Sample Matrix: Air						
Time Sampled: Sampled By: BS						
HOLD Sample is on hold per client!!!						
Sample Number: 98-0778-002 Client Sample ID: MW-2						
Date Sampled: 03/20/98 Sample Matrix: Liquid						
Time Sampled: Sampled By: BS						
EPA 6010B	Aluminum	03/24/98	04/03/98	0.500	219	mg/L
	Arsenic	03/24/98	03/24/98	0.030	0.078	mg/L
	Barium	03/24/98	03/24/98	0.010	2.59	mg/L
	Cadmium	03/24/98	03/24/98	0.005	0.006	mg/L
	Chromium	03/24/98	03/24/98	0.005	0.210	mg/L
	Iron	03/24/98	03/25/98	0.750	273	mg/L
	Lead	03/24/98	03/24/98	0.015	0.270	mg/L
	Manganese	03/24/98	03/25/98	0.010	8.04	mg/L
EPA 7470A	Mercury	03/26/98	03/26/98	0.0005	0.0013	mg/L
EPA 6010B	Selenium	03/24/98	03/24/98	0.040	< 0.040	mg/L
	Silver	03/24/98	03/24/98	0.010	< 0.010	mg/L
	Zinc	03/24/98	03/25/98	0.050	0.950	mg/L
EPA 8260B	Acetone		03/24/98	100	< 100	µg/L
	Benzene		03/24/98	5	< 5	µg/L
	Bromodichloromethane		03/24/98	5	< 5	µg/L
	Bromoform		03/24/98	5	< 5	µg/L
	Bromomethane		03/24/98	10	< 10	µg/L
	2-Butanone		03/24/98	50	< 50	µg/L
	Carbon disulfide		03/24/98	100	< 100	µg/L
	Carbon tetrachloride		03/24/98	5	< 5	µg/L
	Chlorobenzene		03/24/98	5	< 5	µg/L
	Chlorodibromomethane		03/24/98	5	< 5	µg/L
	2-Chloroethylvinyl ether		03/24/98	10	< 10	µg/L
	Chloroethane		03/24/98	10	< 10	µg/L
	Chloroform		03/24/98	5	< 5	µg/L
	Chloromethane		03/24/98	10	< 10	µg/L
	1,2-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,3-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,4-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,1-Dichloroethane		03/24/98	5	< 5	µg/L
	1,2-Dichloroethane		03/24/98	5	< 5	µg/L

Sample: 98-0778-002 continued...		Date Prepared	Date Analyzed	Reporting Limit	Result	Units	
EPA 8260B	1,1-Dichloroethene		03/24/98	5	< 5	µg/L	
	cis-1,2-Dichloroethene		03/24/98	5	< 5	µg/L	
	trans-1,2-Dichloroethene		03/24/98	5	< 5	µg/L	
	1,2-Dichloropropane		03/24/98	5	< 5	µg/L	
	cis-1,3-Dichloropropene		03/24/98	5	< 5	µg/L	
	trans-1,3-Dichloropropene		03/24/98	5	< 5	µg/L	
	Ethylbenzene		03/24/98	5	< 5	µg/L	
	2-Hexanone		03/24/98	50	< 50	µg/L	
	Methylene chloride		03/24/98	5	< 5	µg/L	
	4-Methyl-2-pentanone		03/24/98	50	< 50	µg/L	
	Methyltert-butylether		03/24/98	5	< 5	µg/L	
	Styrene		03/24/98	5	< 5	µg/L	
	Tetrachloroethene		03/24/98	5	< 5	µg/L	
	1,1,1,2-Tetrachloroethane		03/24/98	5	< 5	µg/L	
	1,1,2,2-Tetrachloroethane		03/24/98	4	< 4	µg/L	
	Toluene		03/24/98	5	< 5	µg/L	
	Trichloroethene		03/24/98	5	< 5	µg/L	
	Vinyl acetate		03/24/98	50	< 50	µg/L	
	Vinyl chloride		03/24/98	2	< 2	µg/L	
	Xylenes (Total)		03/24/98	15	< 15	µg/L	
	Dibromofluoromethane (SS)		03/24/98			110%	86-118%
	Toluene-d8 (SS)		03/24/98			99%	88-110%
	4-Bromofluorobenzene (SS)		03/24/98			97%	86-115%
EPA 8151A	2,4-D		04/07/98	0.0004	< 0.0004	mg/L	
	2,4-DB		04/07/98	0.0002	< 0.0002	mg/L	
	2,4,5-T		04/07/98	0.0006	< 0.0006	mg/L	
	2,4,5-TP (Silvex)		04/07/98	0.0005	< 0.0005	mg/L	
	Dalapon		04/07/98	0.0003	< 0.0003	mg/L	
	Dicamba		04/07/98	0.0003	< 0.0003	mg/L	
	Dichloroprop		04/07/98	0.0004	< 0.0004	mg/L	
	Dinoseb		04/07/98	0.00030	< 0.0003	mg/L	
	MCPA		04/07/98	0.0003	< 0.0003	mg/L	
	MCPP		04/07/98	0.0002	< 0.0002	mg/L	
EPA 8081A	4,4'-DDD	03/25/98	04/05/98	0.022	< 0.022	µg/L	
	4,4'-DDE	03/25/98	04/05/98	0.015	< 0.015	µg/L	
	4,4'-DDT	03/25/98	04/05/98	0.017	< 0.017	µg/L	
	Aldrin	03/25/98	04/05/98	0.024	< 0.024	µg/L	
	alpha-BHC	03/25/98	04/05/98	0.011	< 0.011	µg/L	
	alpha-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L	
	beta-BHC	03/25/98	04/05/98	0.020	< 0.020	µg/L	
	delta-BHC	03/25/98	04/05/98	0.019	< 0.019	µg/L	

Sample: 98-0778-002 continued...		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8081A	Dieldrin	03/25/98	04/05/98	0.011	< 0.011	µg/L
	Endosulfan I	03/25/98	04/05/98	0.012	< 0.012	µg/L
	Endosulfan II	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endosulfan sulfate	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin aldehyde	03/25/98	04/05/98	0.010	< 0.010	µg/L
	Endrin ketone	03/25/98	04/05/98	0.013	< 0.013	µg/L
	gamma-BHC	03/25/98	04/05/98	0.012	< 0.012	µg/L
	gamma-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	Heptachlor	03/25/98	04/05/98	0.014	< 0.014	µg/L
	Heptachlor epoxide	03/25/98	04/05/98	0.042	< 0.042	µg/L
	Methoxychlor	03/25/98	04/05/98	0.057	< 0.057	µg/L
	Toxaphene	03/25/98	04/05/98	0.097	< 0.097	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/05/98		102%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/05/98		* 151%	60-140%
EPA 8082	Aroclor-1016	03/25/98	04/07/98	0.17	< 0.17	µg/L
	Aroclor-1221	03/25/98	04/07/98	0.016	< 0.016	µg/L
	Aroclor-1232	03/25/98	04/07/98	0.025	< 0.025	µg/L
	Aroclor-1242	03/25/98	04/07/98	0.38	< 0.38	µg/L
	Aroclor-1248	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1254	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1260	03/25/98	04/07/98	0.15	< 0.15	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/07/98		102%	60-140%
Decachlorobiphenyl (SS)	03/25/98	04/07/98		* 151%	60-140%	
EPA 8270C	Acenaphthene	03/24/98	03/24/98	1	< 1	µg/L
	Acenaphthylene	03/24/98	03/24/98	1	< 1	µg/L
	Anthracene	03/24/98	03/24/98	1	< 1	µg/L
	Benzo(a)anthracene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(b)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(k)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(g,h,i)perylene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(a)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Chrysene	03/24/98	03/24/98	1	< 1	µg/L
	Dibenzo(a,h)anthracene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Fluoranthene	03/24/98	03/24/98	1	< 1	µg/L
	Fluorene	03/24/98	03/24/98	1	< 1	µg/L
	Indeno(1,2,3-cd)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Naphthalene	03/24/98	03/24/98	1	< 1	µg/L
	Phenanthrene	03/24/98	03/24/98	1	< 1	µg/L
Pyrene	03/24/98	03/24/98	1	< 1	µg/L	
Nitrobenzene-d5 (SS)	03/24/98	03/24/98		65%	35-114%	

Sample: 98-0778-002 continued...		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8270C	2-Fluorobiphenyl (SS)	03/24/98	03/24/98		69%	43-116%
	p-Terphenyl-d14 (SS)	03/24/98	03/24/98		* 15%	33-141%

* Surrogate recovery is out of range

Sample Number: 98-0778-003 Client Sample ID: MW-3
 Date Sampled: 03/20/98 Sample Matrix: Liquid
 Time Sampled: Sampled By: BS

EPA 6010B	Aluminum	03/24/98	04/03/98	0.100	34.7	mg/L
	Arsenic	03/24/98	03/24/98	0.030	0.088	mg/L
	Barium	03/24/98	03/24/98	0.010	0.650	mg/L
	Cadmium	03/24/98	03/24/98	0.005	< 0.005	mg/L
	Chromium	03/24/98	03/24/98	0.005	0.037	mg/L
	Iron	03/24/98	03/25/98	0.150	62.6	mg/L
	Lead	03/24/98	03/24/98	0.015	< 0.015	mg/L
	Manganese	03/24/98	03/25/98	0.010	3.96	mg/L
EPA 7470A	Mercury	03/26/98	03/26/98	0.0005	< 0.0005	mg/L
EPA 6010B	Selenium	03/24/98	03/24/98	0.040	< 0.040	mg/L
	Silver	03/24/98	03/24/98	0.010	< 0.010	mg/L
	Zinc	03/24/98	03/25/98	0.050	0.140	mg/L
EPA 8260B	Acetone		03/24/98	100	< 100	µg/L
	Benzene		03/24/98	5	< 5	µg/L
	Bromodichloromethane		03/24/98	5	< 5	µg/L
	Bromoform		03/24/98	5	< 5	µg/L
	Bromomethane		03/24/98	10	< 10	µg/L
	2-Butanone		03/24/98	50	< 50	µg/L
	Carbon disulfide		03/24/98	100	< 100	µg/L
	Carbon tetrachloride		03/24/98	5	< 5	µg/L
	Chlorobenzene		03/24/98	5	< 5	µg/L
	Chlorodibromomethane		03/24/98	5	< 5	µg/L
	2-Chloroethylvinyl ether		03/24/98	10	< 10	µg/L
	Chloroethane		03/24/98	10	< 10	µg/L
	Chloroform		03/24/98	5	< 5	µg/L
	Chloromethane		03/24/98	10	< 10	µg/L
	1,2-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,3-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,4-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,1-Dichloroethane		03/24/98	5	< 5	µg/L
	1,2-Dichloroethane		03/24/98	5	< 5	µg/L
	1,1-Dichloroethene		03/24/98	5	< 5	µg/L
	cis-1,2-Dichloroethene		03/24/98	5	< 5	µg/L

Sample: 98-0778-003 continued...

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8260B	trans-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	1,2-Dichloropropane		03/24/98	5	< 5	µg/L
	cis-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	trans-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	Ethylbenzene		03/24/98	5	< 5	µg/L
	2-Hexanone		03/24/98	50	< 50	µg/L
	Methylene chloride		03/24/98	5	< 5	µg/L
	4-Methyl-2-pentanone		03/24/98	50	< 50	µg/L
	Methyltert-butylether		03/24/98	5	< 5	µg/L
	Styrene		03/24/98	5	< 5	µg/L
	Tetrachloroethene		03/24/98	5	< 5	µg/L
	1,1,1,2-Tetrachloroethane		03/24/98	5	< 5	µg/L
	1,1,2,2-Tetrachloroethane		03/24/98	4	< 4	µg/L
	Toluene		03/24/98	5	< 5	µg/L
	Trichloroethene		03/24/98	5	< 5	µg/L
	Vinyl acetate		03/24/98	50	< 50	µg/L
	Vinyl chloride		03/24/98	2	< 2	µg/L
	Xylenes (Total)		03/24/98	15	< 15	µg/L
	Dibromofluoromethane (SS)		03/24/98		109%	86-118%
	Toluene-d8 (SS)		03/24/98		96%	88-110%
4-Bromofluorobenzene (SS)		03/24/98		95%	86-115%	
EPA 8151A	2,4-D		04/07/98	0.0004	< 0.0004	µg/L
	2,4-DB		04/07/98	0.0002	< 0.0002	µg/L
	2,4,5-T		04/07/98	0.0006	< 0.0006	µg/L
	2,4,5-TP (Silvex)		04/07/98	0.0005	< 0.0005	µg/L
	Dalapon		04/07/98	0.0003	< 0.0003	µg/L
	Dicamba		04/07/98	0.0003	< 0.0003	µg/L
	Dichloroprop		04/07/98	0.0004	< 0.0004	µg/L
	Dinoseb		04/07/98	0.0003	< 0.0003	µg/L
	MCPA		04/07/98	0.0003	< 0.0003	µg/L
	MCPP		04/07/98	0.0002	< 0.0002	µg/L
EPA 8081A	4,4'-DDD	03/25/98	04/05/98	0.022	< 0.022	µg/L
	4,4'-DDE	03/25/98	04/05/98	0.015	< 0.015	µg/L
	4,4'-DDT	03/25/98	04/05/98	0.017	< 0.017	µg/L
	Aldrin	03/25/98	04/05/98	0.024	< 0.024	µg/L
	alpha-BHC	03/25/98	04/05/98	0.011	< 0.011	µg/L
	alpha-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	beta-BHC	03/25/98	04/05/98	0.020	< 0.020	µg/L
	delta-BHC	03/25/98	04/05/98	0.019	< 0.019	µg/L
	Dieldrin	03/25/98	04/05/98	0.011	< 0.011	µg/L
	Endosulfan I	03/25/98	04/05/98	0.012	< 0.012	µg/L

Sample: 98-0778-003 continued...		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8081A	Endosulfan II	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endosulfan sulfate	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin aldehyde	03/25/98	04/05/98	0.010	< 0.010	µg/L
	Endrin ketone	03/25/98	04/05/98	0.013	< 0.013	µg/L
	gamma-BHC	03/25/98	04/05/98	0.012	< 0.012	µg/L
	gamma-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	Heptachlor	03/25/98	04/05/98	0.014	< 0.014	µg/L
	Heptachlor epoxide	03/25/98	04/05/98	0.042	< 0.042	µg/L
	Methoxychlor	03/25/98	04/05/98	0.057	< 0.057	µg/L
	Toxaphene	03/25/98	04/05/98	0.097	< 0.097	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/05/98		97%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/05/98		128%	60-140%
EPA 8082	Aroclor-1016	03/25/98	04/07/98	0.17	< 0.17	µg/L
	Aroclor-1221	03/25/98	04/07/98	0.016	< 0.016	µg/L
	Aroclor-1232	03/25/98	04/07/98	0.025	< 0.025	µg/L
	Aroclor-1242	03/25/98	04/07/98	0.38	< 0.38	µg/L
	Aroclor-1248	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1254	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1260	03/25/98	04/07/98	0.15	< 0.15	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/07/98		97%	60-140%
Decachlorobiphenyl (SS)	03/25/98	04/07/98		128%	60-140%	
EPA 8270C	Acenaphthene	03/24/98	03/24/98	1	< 1	µg/L
	Acenaphthylene	03/24/98	03/24/98	1	< 1	µg/L
	Anthracene	03/24/98	03/24/98	1	< 1	µg/L
	Benzo(a)anthracene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(b)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(k)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(g,h,i)perylene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(a)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Chrysene	03/24/98	03/24/98	1	< 1	µg/L
	Dibenzo(a,h)anthracene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Fluoranthene	03/24/98	03/24/98	1	< 1	µg/L
	Fluorene	03/24/98	03/24/98	1	< 1	µg/L
	Indeno(1,2,3-cd)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Naphthalene	03/24/98	03/24/98	1	< 1	µg/L
	Phenanthrene	03/24/98	03/24/98	1	< 1	µg/L
	Pyrene	03/24/98	03/24/98	1	< 1	µg/L
	Nitrobenzene-d5 (SS)	03/24/98	03/24/98		45%	35-114%
	2-Fluorobiphenyl (SS)	03/24/98	03/24/98		* 38%	43-116%
p-Terphenyl-d14 (SS)	03/24/98	03/24/98		* 6%	33-141%	

Date Prepared	Date Analyzed	Reporting Limit	Result	Units
---------------	---------------	-----------------	--------	-------

* Surrogate recovery is out of range

Sample Number: 98-0778-004 Client Sample ID: MW-4
 Date Sampled: 03/20/98 Sample Matrix: Liquid
 Time Sampled: Sampled By: BS

EPA Method	Element	Date Analyzed	Date Reported	Reporting Limit	Result	Units
EPA 6010B	Aluminum	03/24/98	04/03/98	0.050	4.12	mg/L
	Arsenic	03/24/98	03/24/98	0.030	< 0.030	mg/L
	Barium	03/24/98	03/24/98	0.010	0.200	mg/L
	Cadmium	03/24/98	03/24/98	0.005	< 0.005	mg/L
	Chromium	03/24/98	03/24/98	0.005	0.008	mg/L
	Iron	03/24/98	03/25/98	0.150	5.98	mg/L
	Lead	03/24/98	03/24/98	0.015	< 0.015	mg/L
	Manganese	03/24/98	03/25/98	0.010	0.460	mg/L
EPA 7470A	Mercury	03/26/98	03/26/98	0.0005	< 0.0005	mg/L
EPA 6010B	Selenium	03/24/98	03/24/98	0.040	< 0.040	mg/L
	Silver	03/24/98	03/24/98	0.010	< 0.010	mg/L
	Zinc	03/24/98	03/25/98	0.050	< 0.050	mg/L
EPA 8260B	Acetone	03/24/98		100	< 100	µg/L
	Benzene	03/24/98		5	< 5	µg/L
	Bromodichloromethane	03/24/98		5	< 5	µg/L
	Bromoform	03/24/98		5	< 5	µg/L
	Bromomethane	03/24/98		10	< 10	µg/L
	2-Butanone	03/24/98		50	< 50	µg/L
	Carbon disulfide	03/24/98		100	< 100	µg/L
	Carbon tetrachloride	03/24/98		5	< 5	µg/L
	Chlorobenzene	03/24/98		5	< 5	µg/L
	Chlorodibromomethane	03/24/98		5	< 5	µg/L
	2-Chloroethylvinyl ether	03/24/98		10	< 10	µg/L
	Chloroethane	03/24/98		10	< 10	µg/L
	Chloroform	03/24/98		5	< 5	µg/L
	Chloromethane	03/24/98		10	< 10	µg/L
	1,2-Dichlorobenzene	03/24/98		5	< 5	µg/L
	1,3-Dichlorobenzene	03/24/98		5	< 5	µg/L
	1,4-Dichlorobenzene	03/24/98		5	< 5	µg/L
	1,1-Dichloroethane	03/24/98		5	< 5	µg/L
	1,2-Dichloroethane	03/24/98		5	< 5	µg/L
	1,1-Dichloroethene	03/24/98		5	< 5	µg/L
cis-1,2-Dichloroethene	03/24/98		5	< 5	µg/L	
trans-1,2-Dichloroethene	03/24/98		5	< 5	µg/L	
1,2-Dichloropropane	03/24/98		5	< 5	µg/L	

<u>Sample: 98-0778-004 continued...</u>		<u>Date</u>	<u>Date</u>	<u>Reporting</u>	<u>Result</u>	<u>Units</u>
		<u>Prepared</u>	<u>Analyzed</u>	<u>Limit</u>		
EPA 8260B	cis-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	trans-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	Ethylbenzene		03/24/98	5	< 5	µg/L
	2-Hexanone		03/24/98	50	< 50	µg/L
	Methylene chloride		03/24/98	5	< 5	µg/L
	4-Methyl-2-pentanone		03/24/98	50	< 50	µg/L
	Methyltert-butylether		03/24/98	5	< 5	µg/L
	Styrene		03/24/98	5	< 5	µg/L
	Tetrachloroethene		03/24/98	5	< 5	µg/L
	1,1,1,2-Tetrachloroethane		03/24/98	5	< 5	µg/L
	1,1,2,2-Tetrachloroethane		03/24/98	4	< 4	µg/L
	Toluene		03/24/98	5	< 5	µg/L
	Trichloroethene		03/24/98	5	< 5	µg/L
	Vinyl acetate		03/24/98	50	< 50	µg/L
	Vinyl chloride		03/24/98	2	< 2	µg/L
	Xylenes (Total)		03/24/98	15	< 15	µg/L
	Dibromofluoromethane (SS)		03/24/98		113%	86-118%
	Toluene-d8 (SS)		03/24/98		99%	88-110%
	4-Bromofluorobenzene (SS)		03/24/98		97%	86-115%
EPA 8151A	2,4-D		04/07/98	0.0004	< 0.0004	µg/L
	2,4-DB		04/07/98	0.0002	< 0.0002	µg/L
	2,4,5-T		04/07/98	0.0006	< 0.0006	µg/L
	2,4,5-TP (Silvex)		04/07/98	0.0005	< 0.0005	µg/L
	Dalapon		04/07/98	0.0003	< 0.0003	µg/L
	Dicamba		04/07/98	0.0003	< 0.0003	µg/L
	Dichloroprop		04/07/98	0.0004	< 0.0004	µg/L
	Dinoseb		04/07/98	0.0003	< 0.0003	µg/L
	MCPA		04/07/98	0.0003	< 0.0003	µg/L
	MCPP		04/07/98	0.0002	< 0.0002	µg/L
EPA 8081A	4,4'-DDD	03/25/98	04/05/98	0.022	< 0.022	µg/L
	4,4'-DDE	03/25/98	04/05/98	0.015	< 0.015	µg/L
	4,4'-DDT	03/25/98	04/05/98	0.017	< 0.017	µg/L
	Aldrin	03/25/98	04/05/98	0.024	< 0.024	µg/L
	alpha-BHC	03/25/98	04/05/98	0.011	< 0.011	µg/L
	alpha-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	beta-BHC	03/25/98	04/05/98	0.020	< 0.020	µg/L
	delta-BHC	03/25/98	04/05/98	0.019	< 0.019	µg/L
	Dieldrin	03/25/98	04/05/98	0.011	< 0.011	µg/L
	Endosulfan I	03/25/98	04/05/98	0.012	< 0.012	µg/L
	Endosulfan II	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endosulfan sulfate	03/25/98	04/05/98	0.013	< 0.013	µg/L

<u>Sample: 98-0778-004 continued...</u>		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8081A	Endrin	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin aldehyde	03/25/98	04/05/98	0.010	< 0.010	µg/L
	Endrin ketone	03/25/98	04/05/98	0.013	< 0.013	µg/L
	gamma-BHC	03/25/98	04/05/98	0.012	< 0.012	µg/L
	gamma-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	Heptachlor	03/25/98	04/05/98	0.014	< 0.014	µg/L
	Heptachlor epoxide	03/25/98	04/05/98	0.042	< 0.042	µg/L
	Methoxychlor	03/25/98	04/05/98	0.057	< 0.057	µg/L
	Toxaphene	03/25/98	04/05/98	0.097	< 0.097	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/05/98		84%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/05/98		122%	60-140%
EPA 8082	Aroclor-1016	03/25/98	04/07/98	0.17	< 0.17	µg/L
	Aroclor-1221	03/25/98	04/07/98	0.016	< 0.016	µg/L
	Aroclor-1232	03/25/98	04/07/98	0.025	< 0.025	µg/L
	Aroclor-1242	03/25/98	04/07/98	0.38	< 0.38	µg/L
	Aroclor-1248	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1254	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1260	03/25/98	04/07/98	0.15	< 0.15	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/07/98		84%	60-140%
Decachlorobiphenyl (SS)	03/25/98	04/07/98		122%	60-140%	
EPA 8270C	Acenaphthene	03/24/98	03/24/98	1	< 1	µg/L
	Acenaphthylene	03/24/98	03/24/98	1	< 1	µg/L
	Anthracene	03/24/98	03/24/98	1	< 1	µg/L
	Benzo(a)anthracene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(b)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(k)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(g,h,i)perylene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(a)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Chrysene	03/24/98	03/24/98	1	< 1	µg/L
	Dibenzo(a,h)anthracene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Fluoranthene	03/24/98	03/24/98	1	< 1	µg/L
	Fluorene	03/24/98	03/24/98	1	< 1	µg/L
	Indeno(1,2,3-cd)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Naphthalene	03/24/98	03/24/98	1	< 1	µg/L
	Phenanthrene	03/24/98	03/24/98	1	< 1	µg/L
	Pyrene	03/24/98	03/24/98	1	< 1	µg/L
	Nitrobenzene-d5 (SS)	03/24/98	03/24/98		43%	35-114%
	2-Fluorobiphenyl (SS)	03/24/98	03/24/98		* 41%	43-116%
p-Terphenyl-d14 (SS)	03/24/98	03/24/98		* 6%	33-141%	

* Surrogate recovery is out of range

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
Sample Number: 98-0778-005		Client Sample ID: MW-5				
Date Sampled: 03/20/98		Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	03/24/98	04/03/98	0.500	145	mg/L
	Arsenic	03/24/98	03/24/98	0.030	0.150	mg/L
	Barium	03/24/98	03/24/98	0.010	2.25	mg/L
	Cadmium	03/24/98	03/24/98	0.005	0.006	mg/L
	Chromium	03/24/98	03/24/98	0.005	0.220	mg/L
	Iron	03/24/98	03/25/98	0.750	281	mg/L
	Lead	03/24/98	03/24/98	0.015	0.200	mg/L
	Manganese	03/24/98	03/25/98	0.010	7.75	mg/L
EPA 7470A	Mercury	03/26/98	03/26/98	0.0005	< 0.0005	mg/L
EPA 6010B	Selenium	03/24/98	03/24/98	0.040	< 0.040	mg/L
	Silver	03/24/98	03/24/98	0.010	< 0.010	mg/L
	Zinc	03/24/98	03/25/98	0.050	0.560	mg/L
EPA 8260B	Acetone		03/24/98	100	< 100	µg/L
	Benzene		03/24/98	5	< 5	µg/L
	Bromodichloromethane		03/24/98	5	< 5	µg/L
	Bromoform		03/24/98	5	< 5	µg/L
	Bromomethane		03/24/98	10	< 10	µg/L
	2-Butanone		03/24/98	50	< 50	µg/L
	Carbon disulfide		03/24/98	100	< 100	µg/L
	Carbon tetrachloride		03/24/98	5	< 5	µg/L
	Chlorobenzene		03/24/98	5	< 5	µg/L
	Chlorodibromomethane		03/24/98	5	< 5	µg/L
	2-Chloroethylvinyl ether		03/24/98	10	< 10	µg/L
	Chloroethane		03/24/98	10	< 10	µg/L
	Chloroform		03/24/98	5	< 5	µg/L
	Chloromethane		03/24/98	10	< 10	µg/L
	1,2-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,3-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,4-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,1-Dichloroethane		03/24/98	5	< 5	µg/L
	1,2-Dichloroethane		03/24/98	5	< 5	µg/L
	1,1-Dichloroethene		03/24/98	5	< 5	µg/L
	cis-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	trans-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	1,2-Dichloropropane		03/24/98	5	< 5	µg/L
	cis-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	trans-1,3-Dichloropropene		03/24/98	5	< 5	µg/L

<u>Sample: 98-0778-005 continued...</u>		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8260B	Ethylbenzene		03/24/98	5	< 5	µg/L
	2-Hexanone		03/24/98	50	< 50	µg/L
	Methylene chloride		03/24/98	5	< 5	µg/L
	4-Methyl-2-pentanone		03/24/98	50	< 50	µg/L
	Methyltert-butylether		03/24/98	5	< 5	µg/L
	Styrene		03/24/98	5	< 5	µg/L
	Tetrachloroethene		03/24/98	5	< 5	µg/L
	1,1,1,2-Tetrachloroethane		03/24/98	5	< 5	µg/L
	1,1,2,2-Tetrachloroethane		03/24/98	4	< 4	µg/L
	Toluene		03/24/98	5	< 5	µg/L
	Trichloroethene		03/24/98	5	< 5	µg/L
	Vinyl acetate		03/24/98	50	< 50	µg/L
	Vinyl chloride		03/24/98	2	< 2	µg/L
	Xylenes (Total)		03/24/98	15	< 15	µg/L
	Dibromofluoromethane (SS)		03/24/98		112%	86-118%
	Toluene-d8 (SS)		03/24/98		97%	88-110%
4-Bromofluorobenzene (SS)		03/24/98		96%	86-115%	
EPA 8151A	2,4-D		04/07/98	0.0004	< 0.0004	µg/L
	2,4-DB		04/07/98	0.0002	< 0.0002	µg/L
	2,4,5-T		04/07/98	0.0006	< 0.0006	µg/L
	2,4,5-TP (Silvex)		04/07/98	0.0005	< 0.0005	µg/L
	Dalapon		04/07/98	0.0003	< 0.0003	µg/L
	Dicamba		04/07/98	0.0003	< 0.0003	µg/L
	Dichloroprop		04/07/98	0.0004	< 0.0004	µg/L
	Dinoseb		04/07/98	0.0003	< 0.0003	µg/L
	MCPA		04/07/98	0.0003	< 0.0003	µg/L
	MCPP		04/07/98	0.0002	< 0.0002	µg/L
EPA 8081A	4,4'-DDD	03/25/98	04/05/98	0.022	< 0.022	µg/L
	4,4'-DDE	03/25/98	04/05/98	0.015	< 0.015	µg/L
	4,4'-DDT	03/25/98	04/05/98	0.017	< 0.017	µg/L
	Aldrin	03/25/98	04/05/98	0.024	< 0.024	µg/L
	alpha-BHC	03/25/98	04/05/98	0.011	< 0.011	µg/L
	alpha-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	beta-BHC	03/25/98	04/05/98	0.020	< 0.020	µg/L
	delta-BHC	03/25/98	04/05/98	0.019	< 0.019	µg/L
	Dieldrin	03/25/98	04/05/98	0.011	< 0.011	µg/L
	Endosulfan I	03/25/98	04/05/98	0.012	< 0.012	µg/L
	Endosulfan II	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endosulfan sulfate	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin aldehyde	03/25/98	04/05/98	0.010	< 0.010	µg/L

Sample: 98-0778-005 continued...

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8081A	Endrin ketone	03/25/98	04/05/98	0.013	< 0.013	µg/L
	gamma-BHC	03/25/98	04/05/98	0.012	< 0.012	µg/L
	gamma-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	Heptachlor	03/25/98	04/05/98	0.014	< 0.014	µg/L
	Heptachlor epoxide	03/25/98	04/05/98	0.042	< 0.042	µg/L
	Methoxychlor	03/25/98	04/05/98	0.057	< 0.057	µg/L
	Toxaphene	03/25/98	04/05/98	0.097	< 0.097	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/05/98		103%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/05/98		126%	60-140%
EPA 8082	Aroclor-1016	03/25/98	04/07/98	0.17	< 0.17	µg/L
	Aroclor-1221	03/25/98	04/07/98	0.016	< 0.016	µg/L
	Aroclor-1232	03/25/98	04/07/98	0.025	< 0.025	µg/L
	Aroclor-1242	03/25/98	04/07/98	0.38	< 0.38	µg/L
	Aroclor-1248	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1254	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1260	03/25/98	04/07/98	0.15	< 0.15	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/07/98		103%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/07/98		126%	60-140%
EPA 8270C	Acenaphthene	03/24/98	03/24/98	1	< 1	µg/L
	Acenaphthylene	03/24/98	03/24/98	1	< 1	µg/L
	Anthracene	03/24/98	03/24/98	1	< 1	µg/L
	Benzo(a)anthracene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(b)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(k)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(g,h,i)perylene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(a)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Chrysene	03/24/98	03/24/98	1	< 1	µg/L
	Dibenzo(a,h)anthracene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Fluoranthene	03/24/98	03/24/98	1	< 1	µg/L
	Fluorene	03/24/98	03/24/98	1	< 1	µg/L
	Indeno(1,2,3-cd)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Naphthalene	03/24/98	03/24/98	1	< 1	µg/L
	Phenanthrene	03/24/98	03/24/98	1	< 1	µg/L
	Pyrene	03/24/98	03/24/98	1	< 1	µg/L
	Nitrobenzene-d5 (SS)	03/24/98	03/24/98		45%	35-114%
	2-Fluorobiphenyl (SS)	03/24/98	03/24/98		* 37%	43-116%
	p-Terphenyl-d14 (SS)	03/24/98	03/24/98		* 12%	33-141%

* Surrogate recovery is out of range

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
Sample Number: 98-0778-006		Client Sample ID: MW-6				
Date Sampled: 03/18/98		Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	03/24/98	04/03/98	0.125	98.6	mg/L
	Arsenic	03/24/98	03/24/98	0.030	0.031	mg/L
	Barium	03/24/98	03/24/98	0.010	1.27	mg/L
	Cadmium	03/24/98	03/24/98	0.005	< 0.005	mg/L
	Chromium	03/24/98	03/24/98	0.005	0.130	mg/L
	Iron	03/24/98	03/25/98	0.150	112	mg/L
	Lead	03/24/98	03/24/98	0.015	0.120	mg/L
	Manganese	03/24/98	03/25/98	0.010	2.06	mg/L
EPA 7470A	Mercury	03/26/98	03/26/98	0.0005	< 0.0005	mg/L
EPA 6010B	Selenium	03/24/98	03/24/98	0.040	< 0.040	mg/L
	Silver	03/24/98	03/24/98	0.010	< 0.010	mg/L
	Zinc	03/24/98	03/25/98	0.050	0.340	mg/L
EPA 8260B	Acetone		03/24/98	100	< 100	µg/L
	Benzene		03/24/98	5	< 5	µg/L
	Bromodichloromethane		03/24/98	5	< 5	µg/L
	Bromoform		03/24/98	5	< 5	µg/L
	Bromomethane		03/24/98	10	< 10	µg/L
	2-Butanone		03/24/98	50	< 50	µg/L
	Carbon disulfide		03/24/98	100	< 100	µg/L
	Carbon tetrachloride		03/24/98	5	< 5	µg/L
	Chlorobenzene		03/24/98	5	< 5	µg/L
	Chlorodibromomethane		03/24/98	5	< 5	µg/L
	2-Chloroethylvinyl ether		03/24/98	10	< 10	µg/L
	Chloroethane		03/24/98	10	< 10	µg/L
	Chloroform		03/24/98	5	< 5	µg/L
	Chloromethane		03/24/98	10	< 10	µg/L
	1,2-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,3-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,4-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,1-Dichloroethane		03/24/98	5	< 5	µg/L
	1,2-Dichloroethane		03/24/98	5	< 5	µg/L
	1,1-Dichloroethene		03/24/98	5	< 5	µg/L
	cis-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	trans-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	1,2-Dichloropropane		03/24/98	5	< 5	µg/L
	cis-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	trans-1,3-Dichloropropene		03/24/98	5	< 5	µg/L

<u>Sample: 98-0778-006 continued...</u>		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8260B	Ethylbenzene		03/24/98	5	< 5	µg/L
	2-Hexanone		03/24/98	50	< 50	µg/L
	Methylene chloride		03/24/98	5	< 5	µg/L
	4-Methyl-2-pentanone		03/24/98	50	< 50	µg/L
	Methyltert-butylether		03/24/98	5	< 5	µg/L
	Styrene		03/24/98	5	< 5	µg/L
	Tetrachloroethene		03/24/98	5	< 5	µg/L
	1,1,1,2-Tetrachloroethane		03/24/98	5	< 5	µg/L
	1,1,2,2-Tetrachloroethane		03/24/98	4	< 4	µg/L
	Toluene		03/24/98	5	< 5	µg/L
	Trichloroethene		03/24/98	5	< 5	µg/L
	Vinyl acetate		03/24/98	50	< 50	µg/L
	Vinyl chloride		03/24/98	2	< 2	µg/L
	Xylenes (Total)		03/24/98	15	< 15	µg/L
	Dibromofluoromethane (SS)		03/24/98		111%	86-118%
	Toluene-d8 (SS)		03/24/98		98%	88-110%
4-Bromofluorobenzene (SS)		03/24/98		96%	86-115%	
EPA 8151A	2,4-D		04/07/98	0.0004	< 0.0004	µg/L
	2,4-DB		04/07/98	0.0002	< 0.0002	µg/L
	2,4,5-T		04/07/98	0.0006	< 0.0006	µg/L
	2,4,5-TP (Silvex)		04/07/98	0.0005	< 0.0005	µg/L
	Dalapon		04/07/98	0.0003	< 0.0003	µg/L
	Dicamba		04/07/98	0.0003	< 0.0003	µg/L
	Dichloroprop		04/07/98	0.0004	< 0.0004	µg/L
	Dinoseb		04/07/98	0.0003	< 0.0003	µg/L
	MCPA		04/07/98	0.0003	< 0.0003	µg/L
	MCPP		04/07/98	0.0002	< 0.0002	µg/L
EPA 8081A	4,4'-DDD	03/25/98	04/05/98	0.022	< 0.022	µg/L
	4,4'-DDE	03/25/98	04/05/98	0.015	< 0.015	µg/L
	4,4'-DDT	03/25/98	04/05/98	0.017	< 0.017	µg/L
	Aldrin	03/25/98	04/05/98	0.024	< 0.024	µg/L
	alpha-BHC	03/25/98	04/05/98	0.011	< 0.011	µg/L
	alpha-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	beta-BHC	03/25/98	04/05/98	0.020	< 0.020	µg/L
	delta-BHC	03/25/98	04/05/98	0.019	< 0.019	µg/L
	Dieldrin	03/25/98	04/05/98	0.011	< 0.011	µg/L
	Endosulfan I	03/25/98	04/05/98	0.012	< 0.012	µg/L
	Endosulfan II	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endosulfan sulfate	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin aldehyde	03/25/98	04/05/98	0.010	< 0.010	µg/L

Sample: 98-0778-006 continued...

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8081A	Endrin ketone	03/25/98	04/05/98	0.013	< 0.013	µg/L
	gamma-BHC	03/25/98	04/05/98	0.012	< 0.012	µg/L
	gamma-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	Heptachlor	03/25/98	04/05/98	0.014	< 0.014	µg/L
	Heptachlor epoxide	03/25/98	04/05/98	0.042	< 0.042	µg/L
	Methoxychlor	03/25/98	04/05/98	0.057	< 0.057	µg/L
	Toxaphene	03/25/98	04/05/98	0.097	< 0.097	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/05/98		109%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/05/98		132%	60-140%
EPA 8082	Aroclor-1016	03/25/98	04/07/98	0.17	< 0.17	µg/L
	Aroclor-1221	03/25/98	04/07/98	0.016	< 0.016	µg/L
	Aroclor-1232	03/25/98	04/07/98	0.025	< 0.025	µg/L
	Aroclor-1242	03/25/98	04/07/98	0.38	< 0.38	µg/L
	Aroclor-1248	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1254	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1260	03/25/98	04/07/98	0.15	< 0.15	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/07/98		109%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/07/98		132%	60-140%
EPA 8270C	Acenaphthene	03/24/98	03/24/98	1	< 1	µg/L
	Acenaphthylene	03/24/98	03/24/98	1	< 1	µg/L
	Anthracene	03/24/98	03/24/98	1	< 1	µg/L
	Benzo(a)anthracene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(b)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(k)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(g,h,i)perylene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(a)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Chrysene	03/24/98	03/24/98	1	< 1	µg/L
	Dibenzo(a,h)anthracene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Fluoranthene	03/24/98	03/24/98	1	< 1	µg/L
	Fluorene	03/24/98	03/24/98	1	< 1	µg/L
	Indeno(1,2,3-cd)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Naphthalene	03/24/98	03/24/98	1	< 1	µg/L
	Phenanthrene	03/24/98	03/24/98	1	< 1	µg/L
	Pyrene	03/24/98	03/24/98	1	< 1	µg/L
	Nitrobenzene-d5 (SS)	03/24/98	03/24/98		47%	35-114%
	2-Fluorobiphenyl (SS)	03/24/98	03/24/98		45%	43-116%
	p-Terphenyl-d14 (SS)	03/24/98	03/24/98		* 6%	33-141%

* Surrogate recovery is out of range

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
Sample Number:	98-0778-007	Client Sample ID: MW-7				
Date Sampled:	03/20/98	Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	03/24/98	04/03/98	0.050	186	mg/L
	Arsenic	03/24/98	03/24/98	0.030	0.073	mg/L
	Barium	03/24/98	03/24/98	0.010	1.39	mg/L
	Cadmium	03/24/98	03/24/98	0.005	< 0.005	mg/L
	Chromium	03/24/98	03/24/98	0.005	0.160	mg/L
	Iron	03/24/98	03/25/98	0.750	220	mg/L
	Lead	03/24/98	03/24/98	0.015	0.150	mg/L
	Manganese	03/24/98	03/25/98	0.010	5.23	mg/L
EPA 7470A	Mercury	03/26/98	03/26/98	0.0005	< 0.0005	mg/L
EPA 6010B	Selenium	03/24/98	03/24/98	0.040	< 0.040	mg/L
	Silver	03/24/98	03/24/98	0.010	< 0.010	mg/L
	Zinc	03/24/98	03/25/98	0.050	0.550	mg/L
EPA 8260B	Acetone		03/24/98	100	< 100	µg/L
	Benzene		03/24/98	5	< 5	µg/L
	Bromodichloromethane		03/24/98	5	< 5	µg/L
	Bromoform		03/24/98	5	< 5	µg/L
	Bromomethane		03/24/98	10	< 10	µg/L
	2-Butanone		03/24/98	50	< 50	µg/L
	Carbon disulfide		03/24/98	100	< 100	µg/L
	Carbon tetrachloride		03/24/98	5	< 5	µg/L
	Chlorobenzene		03/24/98	5	< 5	µg/L
	Chlorodibromomethane		03/24/98	5	< 5	µg/L
	2-Chloroethylvinyl ether		03/24/98	10	< 10	µg/L
	Chloroethane		03/24/98	10	< 10	µg/L
	Chloroform		03/24/98	5	< 5	µg/L
	Chloromethane		03/24/98	10	< 10	µg/L
	1,2-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,3-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,4-Dichlorobenzene		03/24/98	5	< 5	µg/L
	1,1-Dichloroethane		03/24/98	5	< 5	µg/L
	1,2-Dichloroethane		03/24/98	5	< 5	µg/L
	1,1-Dichloroethene		03/24/98	5	< 5	µg/L
	cis-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	trans-1,2-Dichloroethene		03/24/98	5	< 5	µg/L
	1,2-Dichloropropane		03/24/98	5	< 5	µg/L
	cis-1,3-Dichloropropene		03/24/98	5	< 5	µg/L
	trans-1,3-Dichloropropene		03/24/98	5	< 5	µg/L

Sample: 98-0778-007 continued...		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8260B	Ethylbenzene		03/24/98	5	< 5	µg/L
	2-Hexanone		03/24/98	50	< 50	µg/L
	Methylene chloride		03/24/98	5	< 5	µg/L
	4-Methyl-2-pentanone		03/24/98	50	< 50	µg/L
	Methyltert-butylether		03/24/98	5	< 5	µg/L
	Styrene		03/24/98	5	< 5	µg/L
	Tetrachloroethene		03/24/98	5	< 5	µg/L
	1,1,1,2-Tetrachloroethane		03/24/98	5	< 5	µg/L
	1,1,2,2-Tetrachloroethane		03/24/98	4	< 4	µg/L
	Toluene		03/24/98	5	< 5	µg/L
	Trichloroethene		03/24/98	5	< 5	µg/L
	Vinyl acetate		03/24/98	50	< 50	µg/L
	Vinyl chloride		03/24/98	2	< 2	µg/L
	Xylenes (Total)		03/24/98	15	< 15	µg/L
	Dibromofluoromethane (SS)		03/24/98		* 128%	86-118%
	Toluene-d8 (SS)		03/24/98		100%	88-110%
	4-Bromofluorobenzene (SS)		03/24/98		102%	86-115%
EPA 8151A	2,4-D		04/07/98	0.0004	< 0.0004	µg/L
	2,4-DB		04/07/98	0.0002	< 0.0002	µg/L
	2,4,5-T		04/07/98	0.0006	< 0.0006	µg/L
	2,4,5-TP (Silvex)		04/07/98	0.0005	< 0.0005	µg/L
	Dalapon		04/07/98	0.0003	< 0.0003	µg/L
	Dicamba		04/07/98	0.0003	< 0.0003	µg/L
	Dichloroprop		04/07/98	0.0004	< 0.0004	µg/L
	Dinoseb		04/07/98	0.0003	< 0.0003	µg/L
	MCPA		04/07/98	0.0003	< 0.0003	µg/L
	MCPP		04/07/98	0.0002	< 0.0002	µg/L
EPA 8081A	4,4'-DDD	03/25/98	04/05/98	0.022	< 0.022	µg/L
	4,4'-DDE	03/25/98	04/05/98	0.015	< 0.015	µg/L
	4,4'-DDT	03/25/98	04/05/98	0.017	< 0.017	µg/L
	Aldrin	03/25/98	04/05/98	0.024	< 0.024	µg/L
	alpha-BHC	03/25/98	04/05/98	0.011	< 0.011	µg/L
	alpha-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	beta-BHC	03/25/98	04/05/98	0.020	< 0.020	µg/L
	delta-BHC	03/25/98	04/05/98	0.019	< 0.019	µg/L
	Dieldrin	03/25/98	04/05/98	0.011	< 0.011	µg/L
	Endosulfan I	03/25/98	04/05/98	0.012	< 0.012	µg/L
	Endosulfan II	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endosulfan sulfate	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin	03/25/98	04/05/98	0.013	< 0.013	µg/L
	Endrin aldehyde	03/25/98	04/05/98	0.010	< 0.010	µg/L

Sample: 98-0778-007 continued...		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
EPA 8081A	Endrin ketone	03/25/98	04/05/98	0.013	< 0.013	µg/L
	gamma-BHC	03/25/98	04/05/98	0.012	< 0.012	µg/L
	gamma-Chlordane	03/25/98	04/05/98	0.14	< 0.14	µg/L
	Heptachlor	03/25/98	04/05/98	0.014	< 0.014	µg/L
	Heptachlor epoxide	03/25/98	04/05/98	0.042	< 0.042	µg/L
	Methoxychlor	03/25/98	04/05/98	0.057	< 0.057	µg/L
	Toxaphene	03/25/98	04/05/98	0.097	< 0.097	µg/L
	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/05/98		102%	60-140%
EPA 8082	Decachlorobiphenyl (SS)	03/25/98	04/05/98		137%	60-140%
	Aroclor-1016	03/25/98	04/07/98	0.17	< 0.17	µg/L
	Aroclor-1221	03/25/98	04/07/98	0.016	< 0.016	µg/L
	Aroclor-1232	03/25/98	04/07/98	0.025	< 0.025	µg/L
	Aroclor-1242	03/25/98	04/07/98	0.38	< 0.38	µg/L
	Aroclor-1248	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1254	03/25/98	04/07/98	0.11	< 0.11	µg/L
	Aroclor-1260	03/25/98	04/07/98	0.15	< 0.15	µg/L
EPA 8270C	2,4,5,6-Tetrachloro-m-xylene (SS)	03/25/98	04/07/98		102%	60-140%
	Decachlorobiphenyl (SS)	03/25/98	04/07/98		137%	60-140%
	Acenaphthene	03/24/98	03/24/98	1	< 1	µg/L
	Acenaphthylene	03/24/98	03/24/98	1	< 1	µg/L
	Anthracene	03/24/98	03/24/98	1	< 1	µg/L
	Benzo(a)anthracene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(b)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(k)fluoranthene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Benzo(g,h,i)perylene	03/24/98	03/24/98	2	< 2	µg/L
	Benzo(a)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Chrysene	03/24/98	03/24/98	1	< 1	µg/L
	Dibenzo(a,h)anthracene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Fluoranthene	03/24/98	03/24/98	1	< 1	µg/L
	Fluorene	03/24/98	03/24/98	1	< 1	µg/L
	Indeno(1,2,3-cd)pyrene	03/24/98	03/24/98	1.5	< 1.5	µg/L
	Naphthalene	03/24/98	03/24/98	1	< 1	µg/L
	Phenanthrene	03/24/98	03/24/98	1	< 1	µg/L
	Pyrene	03/24/98	03/24/98	1	< 1	µg/L
	Nitrobenzene-d5 (SS)	03/24/98	03/24/98		45%	35-114%
	2-Fluorobiphenyl (SS)	03/24/98	03/24/98		43%	43-116%
p-Terphenyl-d14 (SS)	03/24/98	03/24/98		* 6%	33-141%	

* Surrogate recovery is out of range

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	MS % Rec	MSD % Rec.	MS/MSD RPD
Volatile Organic Compounds (µg/L)							
1,1-Dichloroethene	98CW191	<5	0778-07	.50	80	87	8
Benzene	98CW191	<5	0778-07	50	90	94	4
Trichloroethene	98CW191	<5	0778-07	50	95	99	4
Toluene	98CW191	<5	0778-07	50	90	97	7
Chlorobenzene	98CW191	<5	0778-07	50	100	103	4
Polynuclear Aromatic Hydrocarbons (µg/L)							
1,4-Dichlorobenzene	SVW033	<10	LCS	100	47	53	12
n-Nitroso-di-n-propylamine	SVW033	<10	LCS	100	48	54	12
1,2,4-Trichlorobenzene	SVW033	<10	LCS	100	60	65	9
Acenaphthene	SVW033	<10	LCS	100	62	65	6
2,4-Dinitrotoluene	SVW033	<10	LCS	100	47	50	7
Pyrene	SVW033	<10	LCS	100	74	80	7
Total Metals (mg/L)							
Aluminum	W032498	<0.050	0778-04	1.0	102	93	9
Arsenic	W032498	<0.015	0778-04	0.50	95	90	5
Barium	W032498	<0.010	0778-04	0.50	85	76	11
Cadmium	W032498	<0.005	0778-04	0.50	96	91	5
Chromium	W032498	<0.005	0778-04	0.50	80	75	6
Iron	W032498	<0.15	0778-04	0.50	115	124	8
Lead	W032498	<0.015	0778-04	0.50	88	85	4
Manganese	W032498	<0.010	0778-04	0.50	84	75	11
Mercury	W032498	<0.0005	0778-07	0.0025	112	120	7
Selenium	W032498	<0.040	0778-04	0.50	98	90	8
Silver	W032498	<0.010	0778-04	0.50	85	79	6
Zinc	W032498	<0.050	0778-04	0.50	93	90	4

µg/l = micrograms per liter (ppb)

µg/kg = micrograms per kilogram (ppb)

< = less than

MS = Matrix Spike

MSD = Matrix Spike Duplicate

LCS = Laboratory Control Sample

BS = Blank Spike

µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)

mg/kg = milligrams per kilogram (ppm)

% = percent

RPD = Relative Percentage Difference

RW - Reagent Water

LCSD = Laboratory Control Sample Duplicate

BSD = Blank Spike Duplicate

Results of Analyses - Laboratory Quality Control

File No.: 98-0778
 Report Date: 04/07/98

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	LCS % Rec	LCSD % Rec.	LCS/LCSD RPD
Pesticides (ug/L)							
Heptachlor	PSTL-0020	<0.014	---	0.5	117	---	---
Aldrin	PSTL-0020	<0.024	---	0.5	101	---	---
Dieldrin	PSTL-0020	<0.011	---	1.0	116	---	---
PCB's (ug/L)							
Aroclor-1260	PSTL-0020	<0.15	---	5.0	118	119	1
Chlorinated Herbicides (ug/L)							
2,4,5-TP (Silvex)	98EN0896	<0.19	NS96LGS	---	99	---	---

µg/l = micrograms per liter (ppb)
 µg/kg = micrograms per kilogram (ppb)
 < = less than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Sample
 BS = Blank Spike
 µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)
 mg/kg = milligrams per kilogram (ppm)
 % = percent
 RPD = Relative Percentage Difference
 RW - Reagent Water
 LCSD = Laboratory Control Sample Duplicate
 BSD = Blank Spike Duplicate

Certes

Environmental Laboratories, L.L.C.
 2209 Wisconsin Street, Suite 200
 Dallas, Texas 75229
 972-620-7966 972-620-7963 Fax

Analysis(es) Requested

Client Name: **EMCON** Phone No.: **817 478-8254**
 Client Address: **5401 E Loop 820 S.** Fax No.: **817-478-8874**
 Billing Address: **77. Worth, TX 76119** City: _____ State: _____ Zip: _____
 Purchase Order No.: _____ To ensure proper billing, please reference quotation number.

Project Manager: **Becky Richards** Site Location: **Miller Park Austin, TX**

Certes No.	Sample ID	Date	Time	Matrix	No. & Type of Container				
					V	G	J	O	P
1	LFE1-0	3/20		A					✓
2	MW-2	3/20		L	3	4		1	
3	MW-3	3/20		L	3	4		1	
4	MW-4	3/20		L	3	4		1	
5	MW-5	3/20		L	3	4		1	
6	MW-6x	3/20	3/14/98	L	3	4		1	
7	MW-7	3/20		L	3	4		1	

Metals (per inc. +g) * Special Instructions

Analysis	7 Day	7 Day	7 Day
VOC's EPA - 8840	✓	✓	✓
Herbicides 8150	✓	✓	✓
Pest/8080	✓	✓	✓
PCB 8140	✓	✓	✓
PAH 8100 8270	✓	✓	✓
Mercury/CO2	✓	✓	✓

Sampled By: **Ben Summers**
 1 Matrix: A - Air Bag; C - Charcoal Tube; L - Liquid; OL - Oil; S - Soil; SD - Solid; SL - Sludge; WP - Wipe; W - Water/Wastewater
 2 Container Type: V - 40ml VOA Vial; G - Amber or Glass 1 Liter; J - 250ml Wide-mouth Glass Jar; O - Other
 3 Preservative: HCl - Hydrochloric Acid; HNO3 - Nitric Acid; H2SO4 - Sulfuric Acid; O - Other

TAT Standard: Date Required
 RUSH Date Required _____
 Client Project ID: **62786.002.001**
 Special Instructions (including specific detection limits): **Metals → Al, As, Ba, Cd, Cr, Fe, Pb, Mn, Hg, Se, Ag & Zn (6010 & 7000 Series)**
 Certes Job Number: **98-0174**

Relinquished by: **Ben Summers** Date: **3/20/98** Time: **9:15** Received By: _____
 Relinquished by: _____ Date: _____ Time: _____ Received By: _____
 Relinquished by: _____ Date: **3/22/98** Time: **9:30 AM** Received By Laboratory: *[Signature]*

NOTE: By submitting these samples, you agree to the terms and conditions contained in Certes' Schedule of Fees. Certes cannot accept verbal changes. Please FAX written changes to (972) 620-7963.

SENT BY: 3-23-98 : 9:29AM : EMCON FT. WORTH : 972 620 7963; # 2 / 2

Certes

Environmental Laboratories

2209 Wisconsin Street, Suite 200
Dallas, Texas 75229
972-620-7966
800-394-2872
972-620-7963 FAX • Email: certes@aol.com

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

Certes File Number: **98-0778**

Client Project I.D.:
62786.002.001

Prepared for:
EMCON
5701 E Loop 820 S.
Fort Worth, TX 76119

Attention:
Becky Richards

Report Date:
04/08/98

Included are the results of chemical analyses for the samples submitted to Certes Environmental Laboratories, L.L.C., on 03/23/98. All analytical results met Quality Control requirements as set by the industry accepted criteria. Please refer to the Laboratory Quality Control Results section of this report.

Sincerely,

Certes Environmental Laboratories, L.L.C.



Chase A. Thibodaux
Laboratory Manager

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
Client Sample ID LFG-8		Sample Number: 98-0778-001				
Date Sampled: 03/20/98		Sample Matrix: Air				
Time Sampled:		Sampled By: BS				
ASTM D1945	Methane	71.0%		0.010%		03/24/98
	Carbon Dioxide	12.9%		0.010%		03/24/98
Client Sample ID MW-2		Sample Number: 98-0778-002				
Date Sampled: 03/20/98		Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	219	mg/L	0.500	03/24/98	04/03/98
	Arsenic	0.078	mg/L	0.030	03/24/98	03/24/98
	Barium	2.59	mg/L	0.010	03/24/98	03/24/98
	Cadmium	0.006	mg/L	0.005	03/24/98	03/24/98
	Chromium	0.210	mg/L	0.005	03/24/98	03/24/98
	Iron	273	mg/L	0.750	03/24/98	03/25/98
	Lead	0.270	mg/L	0.015	03/24/98	03/24/98
	Manganese	8.04	mg/L	0.010	03/24/98	03/25/98
EPA 7470A	Mercury	0.0013	mg/L	0.0005	03/26/98	03/26/98
EPA 6010B	Selenium	<0.040	mg/L	0.040	03/24/98	03/24/98
	Silver	<0.010	mg/L	0.010	03/24/98	03/24/98
	Zinc	0.950	mg/L	0.050	03/24/98	03/25/98
EPA 8260B	Acetone	<100	µg/L	100		03/24/98
	Benzene	<5	µg/L	5		03/24/98
	Bromodichloromethane	<5	µg/L	5		03/24/98
	Bromoform	<5	µg/L	5		03/24/98
	Bromomethane	<10	µg/L	10		03/24/98
	2-Butanone	<50	µg/L	50		03/24/98
	Carbon disulfide	<100	µg/L	100		03/24/98
	Carbon tetrachloride	<5	µg/L	5		03/24/98
	Chlorobenzene	<5	µg/L	5		03/24/98
	Chlorodibromomethane	<5	µg/L	5		03/24/98
	2-Chloroethylvinyl ether	<10	µg/L	10		03/24/98
	Chloroethane	<10	µg/L	10		03/24/98
	Chloroform	<5	µg/L	5		03/24/98
	Chloromethane	<10	µg/L	10		03/24/98
	1,2-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,3-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,4-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,1-Dichloroethane	<5	µg/L	5		03/24/98

<u>Sample: 98-0778-002 continued...</u>		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	
EPA 8260B	1,2-Dichloroethane	<5	µg/L	5		03/24/98	
	1,1-Dichloroethene	<5	µg/L	5		03/24/98	
	cis-1,2-Dichloroethene	<5	µg/L	5		03/24/98	
	trans-1,2-Dichloroethene	<5	µg/L	5		03/24/98	
	1,2-Dichloropropane	<5	µg/L	5		03/24/98	
	cis-1,3-Dichloropropene	<5	µg/L	5		03/24/98	
	trans-1,3-Dichloropropene	<5	µg/L	5		03/24/98	
	Ethylbenzene	<5	µg/L	5		03/24/98	
	2-Hexanone	<50	µg/L	50		03/24/98	
	Methylene chloride	<5	µg/L	5		03/24/98	
	4-Methyl-2-pentanone	<50	µg/L	50		03/24/98	
	Methyltert-butylether	<5	µg/L	5		03/24/98	
	Styrene	<5	µg/L	5		03/24/98	
	Tetrachloroethene	<5	µg/L	5		03/24/98	
	1,1,1,2-Tetrachloroethane	<5	µg/L	5		03/24/98	
	1,1,2,2-Tetrachloroethane	<4	µg/L	4		03/24/98	
	Toluene	<5	µg/L	5		03/24/98	
	Trichloroethene	<5	µg/L	5		03/24/98	
	Vinyl acetate	<50	µg/L	50		03/24/98	
	Vinyl chloride	<2	µg/L	2		03/24/98	
	Xylenes (Total)	<15	µg/L	15		03/24/98	
		Dibromofluoromethane (SS)	110%	86-118%			03/24/98
		Toluene-d8 (SS)	99%	88-110%			03/24/98
	4-Bromofluorobenzene (SS)	97%	86-115%			03/24/98	
EPA 8151A	2,4-D	<0.0004	mg/L	0.0004		04/07/98	
	2,4-DB	<0.0002	mg/L	0.0002		04/07/98	
	2,4,5-T	<0.0006	mg/L	0.0006		04/07/98	
	2,4,5-TP (Silvex)	<0.0005	mg/L	0.0005		04/07/98	
	Dalapon	<0.0003	mg/L	0.0003		04/07/98	
	Dicamba	<0.0003	mg/L	0.0003		04/07/98	
	Dichloroprop	<0.0004	mg/L	0.0004		04/07/98	
	Dinoseb	<0.0003	mg/L	0.0003		04/07/98	
	MCPA	<0.0003	mg/L	0.0003		04/07/98	
	MCPP	<0.0002	mg/L	0.0002		04/07/98	
EPA 8081A	4,4'-DDD	<0.022	µg/L	0.022	03/25/98	04/05/98	
	4,4'-DDE	<0.015	µg/L	0.015	03/25/98	04/05/98	
	4,4'-DDT	<0.017	µg/L	0.017	03/25/98	04/05/98	
	Aldrin	<0.024	µg/L	0.024	03/25/98	04/05/98	
	alpha-BHC	<0.011	µg/L	0.011	03/25/98	04/05/98	
	alpha-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98	
	beta-BHC	<0.020	µg/L	0.020	03/25/98	04/05/98	

Sample: 98-0778-002 continued...

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	
EPA 8081A	delta-BHC	<0.019	µg/L	0.019	03/25/98	04/05/98	
	Dieldrin	<0.011	µg/L	0.011	03/25/98	04/05/98	
	Endosulfan I	<0.012	µg/L	0.012	03/25/98	04/05/98	
	Endosulfan II	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endosulfan sulfate	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin aldehyde	<0.010	µg/L	0.010	03/25/98	04/05/98	
	Endrin ketone	<0.013	µg/L	0.013	03/25/98	04/05/98	
	gamma-BHC	<0.012	µg/L	0.012	03/25/98	04/05/98	
	gamma-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98	
	Heptachlor	<0.014	µg/L	0.014	03/25/98	04/05/98	
	Heptachlor epoxide	<0.042	µg/L	0.042	03/25/98	04/05/98	
	Methoxychlor	<0.057	µg/L	0.057	03/25/98	04/05/98	
	Toxaphene	<0.097	µg/L	0.097	03/25/98	04/05/98	
	2,4,5,6-Tetrachloro-m-xylene (SS)	102%	60-140%		03/25/98	04/05/98	
	Decachlorobiphenyl (SS)	* 151%	60-140%		03/25/98	04/05/98	
	EPA 8082	Aroclor-1016	<0.17	µg/L	0.17	03/25/98	04/07/98
		Aroclor-1221	<0.016	µg/L	0.016	03/25/98	04/07/98
		Aroclor-1232	<0.025	µg/L	0.025	03/25/98	04/07/98
Aroclor-1242		<0.38	µg/L	0.38	03/25/98	04/07/98	
Aroclor-1248		<0.11	µg/L	0.11	03/25/98	04/07/98	
Aroclor-1254		<0.11	µg/L	0.11	03/25/98	04/07/98	
Aroclor-1260		<0.15	µg/L	0.15	03/25/98	04/07/98	
2,4,5,6-Tetrachloro-m-xylene (SS)		102%	60-140%		03/25/98	04/07/98	
Decachlorobiphenyl (SS)		* 151%	60-140%		03/25/98	04/07/98	
EPA 8270C	Acenaphthene	<1	µg/L	1	03/24/98	03/24/98	
	Acenaphthylene	<1	µg/L	1	03/24/98	03/24/98	
	Anthracene	<1	µg/L	1	03/24/98	03/24/98	
	Benzo(a)anthracene	<2	µg/L	2	03/24/98	03/24/98	
	Benzo(b)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98	
	Benzo(k)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98	
	Benzo(g,h,i)perylene	<2	µg/L	2	03/24/98	03/24/98	
	Benzo(a)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98	
	Chrysene	<1	µg/L	1	03/24/98	03/24/98	
	Dibenzo(a,h)anthracene	<1.5	µg/L	1.5	03/24/98	03/24/98	
	Fluoranthene	<1	µg/L	1	03/24/98	03/24/98	
	Fluorene	<1	µg/L	1	03/24/98	03/24/98	
	Indeno(1,2,3-cd)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98	
	Naphthalene	<1	µg/L	1	03/24/98	03/24/98	
	Phenanthrene	<1	µg/L	1	03/24/98	03/24/98	
	Pyrene	<1	µg/L	1	03/24/98	03/24/98	

Sample: 98-0778-002 continued...		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8270C	Nitrobenzene-d5 (SS)	65%	35-114%		03/24/98	03/24/98
	2-Fluorobiphenyl (SS)	69%	43-116%		03/24/98	03/24/98
	p-Terphenyl-d14 (SS)	* 15%	33-141%		03/24/98	03/24/98

* Surrogate recovery is out of range

Client Sample ID MW-3		Sample Number: 98-0778-003				
Date Sampled: 03/20/98		Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	34.7	mg/L	0.100	03/24/98	04/03/98
	Arsenic	0.088	mg/L	0.030	03/24/98	03/24/98
	Barium	0.650	mg/L	0.010	03/24/98	03/24/98
	Cadmium	<0.005	mg/L	0.005	03/24/98	03/24/98
	Chromium	0.037	mg/L	0.005	03/24/98	03/24/98
	Iron	62.6	mg/L	0.150	03/24/98	03/25/98
	Lead	<0.015	mg/L	0.015	03/24/98	03/24/98
	Manganese	3.96	mg/L	0.010	03/24/98	03/25/98
EPA 7470A	Mercury	<0.0005	mg/L	0.0005	03/26/98	03/26/98
EPA 6010B	Selenium	<0.040	mg/L	0.040	03/24/98	03/24/98
	Silver	<0.010	mg/L	0.010	03/24/98	03/24/98
	Zinc	0.140	mg/L	0.050	03/24/98	03/25/98
EPA 8260B	Acetone	<100	µg/L	100		03/24/98
	Benzene	<5	µg/L	5		03/24/98
	Bromodichloromethane	<5	µg/L	5		03/24/98
	Bromoform	<5	µg/L	5		03/24/98
	Bromomethane	<10	µg/L	10		03/24/98
	2-Butanone	<50	µg/L	50		03/24/98
	Carbon disulfide	<100	µg/L	100		03/24/98
	Carbon tetrachloride	<5	µg/L	5		03/24/98
	Chlorobenzene	<5	µg/L	5		03/24/98
	Chlorodibromomethane	<5	µg/L	5		03/24/98
	2-Chloroethylvinyl ether	<10	µg/L	10		03/24/98
	Chloroethane	<10	µg/L	10		03/24/98
	Chloroform	<5	µg/L	5		03/24/98
	Chloromethane	<10	µg/L	10		03/24/98
	1,2-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,3-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,4-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,1-Dichloroethane	<5	µg/L	5		03/24/98
	1,2-Dichloroethane	<5	µg/L	5		03/24/98
	1,1-Dichloroethene	<5	µg/L	5		03/24/98

Sample: 98-0778-003 continued...

	Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8260B					
cis-1,2-Dichloroethene	<5	µg/L	5		03/24/98
trans-1,2-Dichloroethene	<5	µg/L	5		03/24/98
1,2-Dichloropropane	<5	µg/L	5		03/24/98
cis-1,3-Dichloropropene	<5	µg/L	5		03/24/98
trans-1,3-Dichloropropene	<5	µg/L	5		03/24/98
Ethylbenzene	<5	µg/L	5		03/24/98
2-Hexanone	<50	µg/L	50		03/24/98
Methylene chloride	<5	µg/L	5		03/24/98
4-Methyl-2-pentanone	<50	µg/L	50		03/24/98
Methyltert-butylether	<5	µg/L	5		03/24/98
Styrene	<5	µg/L	5		03/24/98
Tetrachloroethene	<5	µg/L	5		03/24/98
1,1,1,2-Tetrachloroethane	<5	µg/L	5		03/24/98
1,1,2,2-Tetrachloroethane	<4	µg/L	4		03/24/98
Toluene	<5	µg/L	5		03/24/98
Trichloroethene	<5	µg/L	5		03/24/98
Vinyl acetate	<50	µg/L	50		03/24/98
Vinyl chloride	<2	µg/L	2		03/24/98
Xylenes (Total)	<15	µg/L	15		03/24/98
Dibromofluoromethane (SS)	109%	86-118%			03/24/98
Toluene-d8 (SS)	96%	88-110%			03/24/98
4-Bromofluorobenzene (SS)	95%	86-115%			03/24/98
EPA 8151A					
2,4-D	<0.0004	µg/L	0.0004		04/07/98
2,4-DB	<0.0002	µg/L	0.0002		04/07/98
2,4,5-T	<0.0006	µg/L	0.0006		04/07/98
2,4,5-TP (Silvex)	<0.0005	µg/L	0.0005		04/07/98
Dalapon	<0.0003	µg/L	0.0003		04/07/98
Dicamba	<0.0003	µg/L	0.0003		04/07/98
Dichloroprop	<0.0004	µg/L	0.0004		04/07/98
Dinoseb	<0.0003	µg/L	0.0003		04/07/98
MCPA	<0.0003	µg/L	0.0003		04/07/98
MCPP	<0.0002	µg/L	0.0002		04/07/98
EPA 8081A					
4,4'-DDD	<0.022	µg/L	0.022	03/25/98	04/05/98
4,4'-DDE	<0.015	µg/L	0.015	03/25/98	04/05/98
4,4'-DDT	<0.017	µg/L	0.017	03/25/98	04/05/98
Aldrin	<0.024	µg/L	0.024	03/25/98	04/05/98
alpha-BHC	<0.011	µg/L	0.011	03/25/98	04/05/98
alpha-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98
beta-BHC	<0.020	µg/L	0.020	03/25/98	04/05/98
delta-BHC	<0.019	µg/L	0.019	03/25/98	04/05/98
Dieldrin	<0.011	µg/L	0.011	03/25/98	04/05/98

Sample: 98-0778-003 continued...

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8081A	Endosulfan I	<0.012	µg/L	0.012	03/25/98	04/05/98
	Endosulfan II	<0.013	µg/L	0.013	03/25/98	04/05/98
	Endosulfan sulfate	<0.013	µg/L	0.013	03/25/98	04/05/98
	Endrin	<0.013	µg/L	0.013	03/25/98	04/05/98
	Endrin aldehyde	<0.010	µg/L	0.010	03/25/98	04/05/98
	Endrin ketone	<0.013	µg/L	0.013	03/25/98	04/05/98
	gamma-BHC	<0.012	µg/L	0.012	03/25/98	04/05/98
	gamma-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98
	Heptachlor	<0.014	µg/L	0.014	03/25/98	04/05/98
	Heptachlor epoxide	<0.042	µg/L	0.042	03/25/98	04/05/98
	Methoxychlor	<0.057	µg/L	0.057	03/25/98	04/05/98
	Toxaphene	<0.097	µg/L	0.097	03/25/98	04/05/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	97%	60-140%		03/25/98	04/05/98
	Decachlorobiphenyl (SS)	128%	60-140%		03/25/98	04/05/98
	EPA 8082	Aroclor-1016	<0.17	µg/L	0.17	03/25/98
Aroclor-1221		<0.016	µg/L	0.016	03/25/98	04/07/98
Aroclor-1232		<0.025	µg/L	0.025	03/25/98	04/07/98
Aroclor-1242		<0.38	µg/L	0.38	03/25/98	04/07/98
Aroclor-1248		<0.11	µg/L	0.11	03/25/98	04/07/98
Aroclor-1254		<0.11	µg/L	0.11	03/25/98	04/07/98
Aroclor-1260		<0.15	µg/L	0.15	03/25/98	04/07/98
2,4,5,6-Tetrachloro-m-xylene (SS)		97%	60-140%		03/25/98	04/07/98
Decachlorobiphenyl (SS)		128%	60-140%		03/25/98	04/07/98
EPA 8270C	Acenaphthene	<1	µg/L	1	03/24/98	03/24/98
	Acenaphthylene	<1	µg/L	1	03/24/98	03/24/98
	Anthracene	<1	µg/L	1	03/24/98	03/24/98
	Benzo(a)anthracene	<2	µg/L	2	03/24/98	03/24/98
	Benzo(b)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Benzo(k)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Benzo(g,h,i)perylene	<2	µg/L	2	03/24/98	03/24/98
	Benzo(a)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Chrysene	<1	µg/L	1	03/24/98	03/24/98
	Dibenzo(a,h)anthracene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Fluoranthene	<1	µg/L	1	03/24/98	03/24/98
	Fluorene	<1	µg/L	1	03/24/98	03/24/98
	Indeno(1,2,3-cd)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Naphthalene	<1	µg/L	1	03/24/98	03/24/98
	Phenanthrene	<1	µg/L	1	03/24/98	03/24/98
	Pyrene	<1	µg/L	1	03/24/98	03/24/98
	Nitrobenzene-d5 (SS)	45%	35-114%		03/24/98	03/24/98
	2-Fluorobiphenyl (SS)	*38%	43-116%		03/24/98	03/24/98

Sample: 98-0778-003 continued...

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8270C	p-Terphenyl-d14 (SS)	* 6%	33-141%		03/24/98	03/24/98

* Surrogate recovery is out of range

Client Sample ID MW-4		Sample Number: 98-0778-004				
Date Sampled: 03/20/98		Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	4.12	mg/L	0.050	03/24/98	04/03/98
	Arsenic	<0.030	mg/L	0.030	03/24/98	03/24/98
	Barium	0.200	mg/L	0.010	03/24/98	03/24/98
	Cadmium	<0.005	mg/L	0.005	03/24/98	03/24/98
	Chromium	0.008	mg/L	0.005	03/24/98	03/24/98
	Iron	5.98	mg/L	0.150	03/24/98	03/25/98
	Lead	<0.015	mg/L	0.015	03/24/98	03/24/98
	Manganese	0.460	mg/L	0.010	03/24/98	03/25/98
EPA 7470A	Mercury	<0.0005	mg/L	0.0005	03/26/98	03/26/98
EPA 6010B	Selenium	<0.040	mg/L	0.040	03/24/98	03/24/98
	Silver	<0.010	mg/L	0.010	03/24/98	03/24/98
	Zinc	<0.050	mg/L	0.050	03/24/98	03/25/98
EPA 8260B	Acetone	<100	µg/L	100		03/24/98
	Benzene	<5	µg/L	5		03/24/98
	Bromodichloromethane	<5	µg/L	5		03/24/98
	Bromoform	<5	µg/L	5		03/24/98
	Bromomethane	<10	µg/L	10		03/24/98
	2-Butanone	<50	µg/L	50		03/24/98
	Carbon disulfide	<100	µg/L	100		03/24/98
	Carbon tetrachloride	<5	µg/L	5		03/24/98
	Chlorobenzene	<5	µg/L	5		03/24/98
	Chlorodibromomethane	<5	µg/L	5		03/24/98
	2-Chloroethylvinyl ether	<10	µg/L	10		03/24/98
	Chloroethane	<10	µg/L	10		03/24/98
	Chloroform	<5	µg/L	5		03/24/98
	Chloromethane	<10	µg/L	10		03/24/98
	1,2-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,3-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,4-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,1-Dichloroethane	<5	µg/L	5		03/24/98
	1,2-Dichloroethane	<5	µg/L	5		03/24/98
	1,1-Dichloroethene	<5	µg/L	5		03/24/98
	cis-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	trans-1,2-Dichloroethene	<5	µg/L	5		03/24/98

Sample: 98-0778-004 continued...		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8260B	1,2-Dichloropropane	<5	µg/L	5		03/24/98
	cis-1,3-Dichloropropene	<5	µg/L	5		03/24/98
	trans-1,3-Dichloropropene	<5	µg/L	5		03/24/98
	Ethylbenzene	<5	µg/L	5		03/24/98
	2-Hexanone	<50	µg/L	50		03/24/98
	Methylene chloride	<5	µg/L	5		03/24/98
	4-Methyl-2-pentanone	<50	µg/L	50		03/24/98
	Methyltert-butylether	<5	µg/L	5		03/24/98
	Styrene	<5	µg/L	5		03/24/98
	Tetrachloroethene	<5	µg/L	5		03/24/98
	1,1,1,2-Tetrachloroethane	<5	µg/L	5		03/24/98
	1,1,2,2-Tetrachloroethane	<4	µg/L	4		03/24/98
	Toluene	<5	µg/L	5		03/24/98
	Trichloroethene	<5	µg/L	5		03/24/98
	Vinyl acetate	<50	µg/L	50		03/24/98
	Vinyl chloride	<2	µg/L	2		03/24/98
	Xylenes (Total)	<15	µg/L	15		03/24/98
	Dibromofluoromethane (SS)	113%	86-118%			03/24/98
	Toluene-d8 (SS)	99%	88-110%			03/24/98
	4-Bromofluorobenzene (SS)	97%	86-115%			03/24/98
EPA 8151A	2,4-D	<0.0004	µg/L	0.0004		04/07/98
	2,4-DB	<0.0002	µg/L	0.0002		04/07/98
	2,4,5-T	<0.0006	µg/L	0.0006		04/07/98
	2,4,5-TP (Silvex)	<0.0005	µg/L	0.0005		04/07/98
	Dalapon	<0.0003	µg/L	0.0003		04/07/98
	Dicamba	<0.0003	µg/L	0.0003		04/07/98
	Dichloroprop	<0.0004	µg/L	0.0004		04/07/98
	Dinoseb	<0.0003	µg/L	0.0003		04/07/98
	MCPA	<0.0003	µg/L	0.0003		04/07/98
	MCPP	<0.0002	µg/L	0.0002		04/07/98
EPA 8081A	4,4'-DDD	<0.022	µg/L	0.022	03/25/98	04/05/98
	4,4'-DDE	<0.015	µg/L	0.015	03/25/98	04/05/98
	4,4'-DDT	<0.017	µg/L	0.017	03/25/98	04/05/98
	Aldrin	<0.024	µg/L	0.024	03/25/98	04/05/98
	alpha-BHC	<0.011	µg/L	0.011	03/25/98	04/05/98
	alpha-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98
	beta-BHC	<0.020	µg/L	0.020	03/25/98	04/05/98
	delta-BHC	<0.019	µg/L	0.019	03/25/98	04/05/98
	Dieldrin	<0.011	µg/L	0.011	03/25/98	04/05/98
	Endosulfan I	<0.012	µg/L	0.012	03/25/98	04/05/98
	Endosulfan II	<0.013	µg/L	0.013	03/25/98	04/05/98

Sample: 98-0778-004 continued...

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8081A	Endosulfan sulfate	<0.013	µg/L	0.013	03/25/98	04/05/98
	Endrin	<0.013	µg/L	0.013	03/25/98	04/05/98
	Endrin aldehyde	<0.010	µg/L	0.010	03/25/98	04/05/98
	Endrin ketone	<0.013	µg/L	0.013	03/25/98	04/05/98
	gamma-BHC	<0.012	µg/L	0.012	03/25/98	04/05/98
	gamma-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98
	Heptachlor	<0.014	µg/L	0.014	03/25/98	04/05/98
	Heptachlor epoxide	<0.042	µg/L	0.042	03/25/98	04/05/98
	Methoxychlor	<0.057	µg/L	0.057	03/25/98	04/05/98
	Toxaphene	<0.097	µg/L	0.097	03/25/98	04/05/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	84%	60-140%		03/25/98	04/05/98
	Decachlorobiphenyl (SS)	122%	60-140%		03/25/98	04/05/98
EPA 8082	Aroclor-1016	<0.17	µg/L	0.17	03/25/98	04/07/98
	Aroclor-1221	<0.016	µg/L	0.016	03/25/98	04/07/98
	Aroclor-1232	<0.025	µg/L	0.025	03/25/98	04/07/98
	Aroclor-1242	<0.38	µg/L	0.38	03/25/98	04/07/98
	Aroclor-1248	<0.11	µg/L	0.11	03/25/98	04/07/98
	Aroclor-1254	<0.11	µg/L	0.11	03/25/98	04/07/98
	Aroclor-1260	<0.15	µg/L	0.15	03/25/98	04/07/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	84%	60-140%		03/25/98	04/07/98
Decachlorobiphenyl (SS)	122%	60-140%		03/25/98	04/07/98	
EPA 8270C	Acenaphthene	<1	µg/L	1	03/24/98	03/24/98
	Acenaphthylene	<1	µg/L	1	03/24/98	03/24/98
	Anthracene	<1	µg/L	1	03/24/98	03/24/98
	Benzo(a)anthracene	<2	µg/L	2	03/24/98	03/24/98
	Benzo(b)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Benzo(k)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Benzo(g,h,i)perylene	<2	µg/L	2	03/24/98	03/24/98
	Benzo(a)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Chrysene	<1	µg/L	1	03/24/98	03/24/98
	Dibenzo(a,h)anthracene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Fluoranthene	<1	µg/L	1	03/24/98	03/24/98
	Fluorene	<1	µg/L	1	03/24/98	03/24/98
	Indeno(1,2,3-cd)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Naphthalene	<1	µg/L	1	03/24/98	03/24/98
	Phenanthrene	<1	µg/L	1	03/24/98	03/24/98
	Pyrene	<1	µg/L	1	03/24/98	03/24/98
	Nitrobenzene-d5 (SS)	43%	35-114%		03/24/98	03/24/98
2-Fluorobiphenyl (SS)	* 41%	43-116%		03/24/98	03/24/98	
p-Terphenyl-d14 (SS)	* 6%	33-141%		03/24/98	03/24/98	

* Surrogate recovery is out of range

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
Client Sample ID	MW-5				Sample Number: 98-0778-005	
Date Sampled:	03/20/98				Sample Matrix: Liquid	
Time Sampled:					Sampled By: BS	
EPA 6010B	Aluminum	145	mg/L	0.500	03/24/98	04/03/98
	Arsenic	0.150	mg/L	0.030	03/24/98	03/24/98
	Barium	2.25	mg/L	0.010	03/24/98	03/24/98
	Cadmium	0.006	mg/L	0.005	03/24/98	03/24/98
	Chromium	0.220	mg/L	0.005	03/24/98	03/24/98
	Iron	281	mg/L	0.750	03/24/98	03/25/98
	Lead	0.200	mg/L	0.015	03/24/98	03/24/98
	Manganese	7.75	mg/L	0.010	03/24/98	03/25/98
EPA 7470A	Mercury	<0.0005	mg/L	0.0005	03/26/98	03/26/98
EPA 6010B	Selenium	<0.040	mg/L	0.040	03/24/98	03/24/98
	Silver	<0.010	mg/L	0.010	03/24/98	03/24/98
	Zinc	0.560	mg/L	0.050	03/24/98	03/25/98
EPA 8260B	Acetone	<100	µg/L	100		03/24/98
	Benzene	<5	µg/L	5		03/24/98
	Bromodichloromethane	<5	µg/L	5		03/24/98
	Bromoform	<5	µg/L	5		03/24/98
	Bromomethane	<10	µg/L	10		03/24/98
	2-Butanone	<50	µg/L	50		03/24/98
	Carbon disulfide	<100	µg/L	100		03/24/98
	Carbon tetrachloride	<5	µg/L	5		03/24/98
	Chlorobenzene	<5	µg/L	5		03/24/98
	Chlorodibromomethane	<5	µg/L	5		03/24/98
	2-Chloroethylvinyl ether	<10	µg/L	10		03/24/98
	Chloroethane	<10	µg/L	10		03/24/98
	Chloroform	<5	µg/L	5		03/24/98
	Chloromethane	<10	µg/L	10		03/24/98
	1,2-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,3-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,4-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,1-Dichloroethane	<5	µg/L	5		03/24/98
	1,2-Dichloroethane	<5	µg/L	5		03/24/98
	1,1-Dichloroethene	<5	µg/L	5		03/24/98
	cis-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	trans-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	1,2-Dichloropropane	<5	µg/L	5		03/24/98
	cis-1,3-Dichloropropene	<5	µg/L	5		03/24/98
	trans-1,3-Dichloropropene	<5	µg/L	5		03/24/98

<u>Sample: 98-0778-005 continued...</u>		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	
EPA 8260B	Ethylbenzene	<5	µg/L	5		03/24/98	
	2-Hexanone	<50	µg/L	50		03/24/98	
	Methylene chloride	<5	µg/L	5		03/24/98	
	4-Methyl-2-pentanone	<50	µg/L	50		03/24/98	
	Methyltert-butylether	<5	µg/L	5		03/24/98	
	Styrene	<5	µg/L	5		03/24/98	
	Tetrachloroethene	<5	µg/L	5		03/24/98	
	1,1,1,2-Tetrachloroethane	<5	µg/L	5		03/24/98	
	1,1,2,2-Tetrachloroethane	<4	µg/L	4		03/24/98	
	Toluene	<5	µg/L	5		03/24/98	
	Trichloroethene	<5	µg/L	5		03/24/98	
	Vinyl acetate	<50	µg/L	50		03/24/98	
	Vinyl chloride	<2	µg/L	2		03/24/98	
	Xylenes (Total)	<15	µg/L	15		03/24/98	
	Dibromofluoromethane (SS)	112%	86-118%			03/24/98	
	Toluene-d8 (SS)	97%	88-110%			03/24/98	
	4-Bromofluorobenzene (SS)	96%	86-115%			03/24/98	
	EPA 8151A	2,4-D	<0.0004	µg/L	0.0004		04/07/98
		2,4-DB	<0.0002	µg/L	0.0002		04/07/98
		2,4,5-T	<0.0006	µg/L	0.0006		04/07/98
2,4,5-TP (Silvex)		<0.0005	µg/L	0.0005		04/07/98	
Dalapon		<0.0003	µg/L	0.0003		04/07/98	
Dicamba		<0.0003	µg/L	0.0003		04/07/98	
Dichloroprop		<0.0004	µg/L	0.0004		04/07/98	
Dinoseb		<0.0003	µg/L	0.0003		04/07/98	
MCPA		<0.0003	µg/L	0.0003		04/07/98	
MCPP		<0.0002	µg/L	0.0002		04/07/98	
EPA 8081A	4,4'-DDD	<0.022	µg/L	0.022	03/25/98	04/05/98	
	4,4'-DDE	<0.015	µg/L	0.015	03/25/98	04/05/98	
	4,4'-DDT	<0.017	µg/L	0.017	03/25/98	04/05/98	
	Aldrin	<0.024	µg/L	0.024	03/25/98	04/05/98	
	alpha-BHC	<0.011	µg/L	0.011	03/25/98	04/05/98	
	alpha-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98	
	beta-BHC	<0.020	µg/L	0.020	03/25/98	04/05/98	
	delta-BHC	<0.019	µg/L	0.019	03/25/98	04/05/98	
	Dieldrin	<0.011	µg/L	0.011	03/25/98	04/05/98	
	Endosulfan I	<0.012	µg/L	0.012	03/25/98	04/05/98	
	Endosulfan II	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endosulfan sulfate	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin aldehyde	<0.010	µg/L	0.010	03/25/98	04/05/98	

Sample: 98-0778-005 continued...

	Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8081A	Endrin ketone	<0.013	µg/L	0.013	03/25/98 04/05/98
	gamma-BHC	<0.012	µg/L	0.012	03/25/98 04/05/98
	gamma-Chlordane	<0.14	µg/L	0.14	03/25/98 04/05/98
	Heptachlor	<0.014	µg/L	0.014	03/25/98 04/05/98
	Heptachlor epoxide	<0.042	µg/L	0.042	03/25/98 04/05/98
	Methoxychlor	<0.057	µg/L	0.057	03/25/98 04/05/98
	Toxaphene	<0.097	µg/L	0.097	03/25/98 04/05/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	103%	60-140%		03/25/98 04/05/98
	Decachlorobiphenyl (SS)	126%	60-140%		03/25/98 04/05/98
EPA 8082	Aroclor-1016	<0.17	µg/L	0.17	03/25/98 04/07/98
	Aroclor-1221	<0.016	µg/L	0.016	03/25/98 04/07/98
	Aroclor-1232	<0.025	µg/L	0.025	03/25/98 04/07/98
	Aroclor-1242	<0.38	µg/L	0.38	03/25/98 04/07/98
	Aroclor-1248	<0.11	µg/L	0.11	03/25/98 04/07/98
	Aroclor-1254	<0.11	µg/L	0.11	03/25/98 04/07/98
	Aroclor-1260	<0.15	µg/L	0.15	03/25/98 04/07/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	103%	60-140%		03/25/98 04/07/98
	Decachlorobiphenyl (SS)	126%	60-140%		03/25/98 04/07/98
EPA 8270C	Acenaphthene	<1	µg/L	1	03/24/98 03/24/98
	Acenaphthylene	<1	µg/L	1	03/24/98 03/24/98
	Anthracene	<1	µg/L	1	03/24/98 03/24/98
	Benzo(a)anthracene	<2	µg/L	2	03/24/98 03/24/98
	Benzo(b)fluoranthene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Benzo(k)fluoranthene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Benzo(g,h,i)perylene	<2	µg/L	2	03/24/98 03/24/98
	Benzo(a)pyrene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Chrysene	<1	µg/L	1	03/24/98 03/24/98
	Dibenzo(a,h)anthracene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Fluoranthene	<1	µg/L	1	03/24/98 03/24/98
	Fluorene	<1	µg/L	1	03/24/98 03/24/98
	Indeno(1,2,3-cd)pyrene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Naphthalene	<1	µg/L	1	03/24/98 03/24/98
	Phenanthrene	<1	µg/L	1	03/24/98 03/24/98
	Pyrene	<1	µg/L	1	03/24/98 03/24/98
	Nitrobenzene-d5 (SS)	45%	35-114%		03/24/98 03/24/98
	2-Fluorobiphenyl (SS)	* 37%	43-116%		03/24/98 03/24/98
	p-Terphenyl-d14 (SS)	* 12%	33-141%		03/24/98 03/24/98

* Surrogate recovery is out of range

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
Client Sample ID MW-6		Sample Number: 98-0778-006				
Date Sampled: 03/18/98		Sample Matrix: Liquid				
Time Sampled:		Sampled By: BS				
EPA 6010B	Aluminum	98.6	mg/L	0.125	03/24/98	04/03/98
	Arsenic	0.031	mg/L	0.030	03/24/98	03/24/98
	Barium	1.27	mg/L	0.010	03/24/98	03/24/98
	Cadmium	<0.005	mg/L	0.005	03/24/98	03/24/98
	Chromium	0.130	mg/L	0.005	03/24/98	03/24/98
	Iron	112	mg/L	0.150	03/24/98	03/25/98
	Lead	0.120	mg/L	0.015	03/24/98	03/24/98
	Manganese	2.06	mg/L	0.010	03/24/98	03/25/98
EPA 7470A	Mercury	<0.0005	mg/L	0.0005	03/26/98	03/26/98
EPA 6010B	Selenium	<0.040	mg/L	0.040	03/24/98	03/24/98
	Silver	<0.010	mg/L	0.010	03/24/98	03/24/98
	Zinc	0.340	mg/L	0.050	03/24/98	03/25/98
EPA 8260B	Acetone	<100	µg/L	100		03/24/98
	Benzene	<5	µg/L	5		03/24/98
	Bromodichloromethane	<5	µg/L	5		03/24/98
	Bromoform	<5	µg/L	5		03/24/98
	Bromomethane	<10	µg/L	10		03/24/98
	2-Butanone	<50	µg/L	50		03/24/98
	Carbon disulfide	<100	µg/L	100		03/24/98
	Carbon tetrachloride	<5	µg/L	5		03/24/98
	Chlorobenzene	<5	µg/L	5		03/24/98
	Chlorodibromomethane	<5	µg/L	5		03/24/98
	2-Chloroethylvinyl ether	<10	µg/L	10		03/24/98
	Chloroethane	<10	µg/L	10		03/24/98
	Chloroform	<5	µg/L	5		03/24/98
	Chloromethane	<10	µg/L	10		03/24/98
	1,2-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,3-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,4-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,1-Dichloroethane	<5	µg/L	5		03/24/98
	1,2-Dichloroethane	<5	µg/L	5		03/24/98
	1,1-Dichloroethene	<5	µg/L	5		03/24/98
	cis-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	trans-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	1,2-Dichloropropane	<5	µg/L	5		03/24/98
	cis-1,3-Dichloropropene	<5	µg/L	5		03/24/98
	trans-1,3-Dichloropropene	<5	µg/L	5		03/24/98

<u>Sample: 98-0778-006 continued...</u>		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	
EPA 8260B	Ethylbenzene	<5	µg/L	5		03/24/98	
	2-Hexanone	<50	µg/L	50		03/24/98	
	Methylene chloride	<5	µg/L	5		03/24/98	
	4-Methyl-2-pentanone	<50	µg/L	50		03/24/98	
	Methyltert-butylether	<5	µg/L	5		03/24/98	
	Styrene	<5	µg/L	5		03/24/98	
	Tetrachloroethene	<5	µg/L	5		03/24/98	
	1,1,1,2-Tetrachloroethane	<5	µg/L	5		03/24/98	
	1,1,2,2-Tetrachloroethane	<4	µg/L	4		03/24/98	
	Toluene	<5	µg/L	5		03/24/98	
	Trichloroethene	<5	µg/L	5		03/24/98	
	Vinyl acetate	<50	µg/L	50		03/24/98	
	Vinyl chloride	<2	µg/L	2		03/24/98	
	Xylenes (Total)	<15	µg/L	15		03/24/98	
	Dibromofluoromethane (SS)	111%	86-118%			03/24/98	
	Toluene-d8 (SS)	98%	88-110%			03/24/98	
	4-Bromofluorobenzene (SS)	96%	86-115%			03/24/98	
	EPA 8151A	2,4-D	<0.0004	µg/L	0.0004		04/07/98
		2,4-DB	<0.0002	µg/L	0.0002		04/07/98
2,4,5-T		<0.0006	µg/L	0.0006		04/07/98	
2,4,5-TP (Silvex)		<0.0005	µg/L	0.0005		04/07/98	
Dalapon		<0.0003	µg/L	0.0003		04/07/98	
Dicamba		<0.0003	µg/L	0.0003		04/07/98	
Dichloroprop		<0.0004	µg/L	0.0004		04/07/98	
Dinoseb		<0.0003	µg/L	0.0003		04/07/98	
MCPA		<0.0003	µg/L	0.0003		04/07/98	
MCPP		<0.0002	µg/L	0.0002		04/07/98	
EPA 8081A	4,4'-DDD	<0.022	µg/L	0.022	03/25/98	04/05/98	
	4,4'-DDE	<0.015	µg/L	0.015	03/25/98	04/05/98	
	4,4'-DDT	<0.017	µg/L	0.017	03/25/98	04/05/98	
	Aldrin	<0.024	µg/L	0.024	03/25/98	04/05/98	
	alpha-BHC	<0.011	µg/L	0.011	03/25/98	04/05/98	
	alpha-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98	
	beta-BHC	<0.020	µg/L	0.020	03/25/98	04/05/98	
	delta-BHC	<0.019	µg/L	0.019	03/25/98	04/05/98	
	Dieldrin	<0.011	µg/L	0.011	03/25/98	04/05/98	
	Endosulfan I	<0.012	µg/L	0.012	03/25/98	04/05/98	
	Endosulfan II	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endosulfan sulfate	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin aldehyde	<0.010	µg/L	0.010	03/25/98	04/05/98	

Sample: 98-0778-006 continued...

	Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8081A	Endrin ketone	<0.013	µg/L	0.013	03/25/98 04/05/98
	gamma-BHC	<0.012	µg/L	0.012	03/25/98 04/05/98
	gamma-Chlordane	<0.14	µg/L	0.14	03/25/98 04/05/98
	Heptachlor	<0.014	µg/L	0.014	03/25/98 04/05/98
	Heptachlor epoxide	<0.042	µg/L	0.042	03/25/98 04/05/98
	Methoxychlor	<0.057	µg/L	0.057	03/25/98 04/05/98
	Toxaphene	<0.097	µg/L	0.097	03/25/98 04/05/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	109%	60-140%		03/25/98 04/05/98
	Decachlorobiphenyl (SS)	132%	60-140%		03/25/98 04/05/98
EPA 8082	Aroclor-1016	<0.17	µg/L	0.17	03/25/98 04/07/98
	Aroclor-1221	<0.016	µg/L	0.016	03/25/98 04/07/98
	Aroclor-1232	<0.025	µg/L	0.025	03/25/98 04/07/98
	Aroclor-1242	<0.38	µg/L	0.38	03/25/98 04/07/98
	Aroclor-1248	<0.11	µg/L	0.11	03/25/98 04/07/98
	Aroclor-1254	<0.11	µg/L	0.11	03/25/98 04/07/98
	Aroclor-1260	<0.15	µg/L	0.15	03/25/98 04/07/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	109%	60-140%		03/25/98 04/07/98
	Decachlorobiphenyl (SS)	132%	60-140%		03/25/98 04/07/98
EPA 8270C	Acenaphthene	<1	µg/L	1	03/24/98 03/24/98
	Acenaphthylene	<1	µg/L	1	03/24/98 03/24/98
	Anthracene	<1	µg/L	1	03/24/98 03/24/98
	Benzo(a)anthracene	<2	µg/L	2	03/24/98 03/24/98
	Benzo(b)fluoranthene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Benzo(k)fluoranthene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Benzo(g,h,i)perylene	<2	µg/L	2	03/24/98 03/24/98
	Benzo(a)pyrene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Chrysene	<1	µg/L	1	03/24/98 03/24/98
	Dibenzo(a,h)anthracene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Fluoranthene	<1	µg/L	1	03/24/98 03/24/98
	Fluorene	<1	µg/L	1	03/24/98 03/24/98
	Indeno(1,2,3-cd)pyrene	<1.5	µg/L	1.5	03/24/98 03/24/98
	Naphthalene	<1	µg/L	1	03/24/98 03/24/98
	Phenanthrene	<1	µg/L	1	03/24/98 03/24/98
	Pyrene	<1	µg/L	1	03/24/98 03/24/98
	Nitrobenzene-d5 (SS)	47%	35-114%		03/24/98 03/24/98
	2-Fluorobiphenyl (SS)	45%	43-116%		03/24/98 03/24/98
	p-Terphenyl-d14 (SS)	*6%	33-141%		03/24/98 03/24/98

* Surrogate recovery is out of range

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
Client Sample ID	MW-7					Sample Number: 98-0778-007
Date Sampled:	03/20/98					Sample Matrix: Liquid
Time Sampled:						Sampled By: BS
EPA 6010B	Aluminum	186	mg/L	0.050	03/24/98	04/03/98
	Arsenic	0.073	mg/L	0.030	03/24/98	03/24/98
	Barium	1.39	mg/L	0.010	03/24/98	03/24/98
	Cadmium	<0.005	mg/L	0.005	03/24/98	03/24/98
	Chromium	0.160	mg/L	0.005	03/24/98	03/24/98
	Iron	220	mg/L	0.750	03/24/98	03/25/98
	Lead	0.150	mg/L	0.015	03/24/98	03/24/98
	Manganese	5.23	mg/L	0.010	03/24/98	03/25/98
EPA 7470A	Mercury	<0.0005	mg/L	0.0005	03/26/98	03/26/98
EPA 6010B	Selenium	<0.040	mg/L	0.040	03/24/98	03/24/98
	Silver	<0.010	mg/L	0.010	03/24/98	03/24/98
	Zinc	0.550	mg/L	0.050	03/24/98	03/25/98
EPA 8260B	Acetone	<100	µg/L	100		03/24/98
	Benzene	<5	µg/L	5		03/24/98
	Bromodichloromethane	<5	µg/L	5		03/24/98
	Bromoform	<5	µg/L	5		03/24/98
	Bromomethane	<10	µg/L	10		03/24/98
	2-Butanone	<50	µg/L	50		03/24/98
	Carbon disulfide	<100	µg/L	100		03/24/98
	Carbon tetrachloride	<5	µg/L	5		03/24/98
	Chlorobenzene	<5	µg/L	5		03/24/98
	Chlorodibromomethane	<5	µg/L	5		03/24/98
	2-Chloroethylvinyl ether	<10	µg/L	10		03/24/98
	Chloroethane	<10	µg/L	10		03/24/98
	Chloroform	<5	µg/L	5		03/24/98
	Chloromethane	<10	µg/L	10		03/24/98
	1,2-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,3-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,4-Dichlorobenzene	<5	µg/L	5		03/24/98
	1,1-Dichloroethane	<5	µg/L	5		03/24/98
	1,2-Dichloroethane	<5	µg/L	5		03/24/98
	1,1-Dichloroethene	<5	µg/L	5		03/24/98
	cis-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	trans-1,2-Dichloroethene	<5	µg/L	5		03/24/98
	1,2-Dichloropropane	<5	µg/L	5		03/24/98
	cis-1,3-Dichloropropene	<5	µg/L	5		03/24/98
	trans-1,3-Dichloropropene	<5	µg/L	5		03/24/98

Sample: 98-0778-007 continued...

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	
EPA 8260B	Ethylbenzene	<5	µg/L	5		03/24/98	
	2-Hexanone	<50	µg/L	50		03/24/98	
	Methylene chloride	<5	µg/L	5		03/24/98	
	4-Methyl-2-pentanone	<50	µg/L	50		03/24/98	
	Methyltert-butylether	<5	µg/L	5		03/24/98	
	Styrene	<5	µg/L	5		03/24/98	
	Tetrachloroethene	<5	µg/L	5		03/24/98	
	1,1,1,2-Tetrachloroethane	<5	µg/L	5		03/24/98	
	1,1,2,2-Tetrachloroethane	<4	µg/L	4		03/24/98	
	Toluene	<5	µg/L	5		03/24/98	
	Trichloroethene	<5	µg/L	5		03/24/98	
	Vinyl acetate	<50	µg/L	50		03/24/98	
	Vinyl chloride	<2	µg/L	2		03/24/98	
	Xylenes (Total)	<15	µg/L	15		03/24/98	
	Dibromofluoromethane (SS)	* 128%	86-118%			03/24/98	
	Toluene-d8 (SS)	100%	88-110%			03/24/98	
	4-Bromofluorobenzene (SS)	102%	86-115%			03/24/98	
	EPA 8151A	2,4-D	<0.0004	µg/L	0.0004		04/07/98
		2,4-DB	<0.0002	µg/L	0.0002		04/07/98
2,4,5-T		<0.0006	µg/L	0.0006		04/07/98	
2,4,5-TP (Silvex)		<0.0005	µg/L	0.0005		04/07/98	
Dalapon		<0.0003	µg/L	0.0003		04/07/98	
Dicamba		<0.0003	µg/L	0.0003		04/07/98	
Dichloroprop		<0.0004	µg/L	0.0004		04/07/98	
Dinoseb		<0.0003	µg/L	0.0003		04/07/98	
MCPA		<0.0003	µg/L	0.0003		04/07/98	
MCPP		<0.0002	µg/L	0.0002		04/07/98	
EPA 8081A		4,4'-DDD	<0.022	µg/L	0.022	03/25/98	04/05/98
	4,4'-DDE	<0.015	µg/L	0.015	03/25/98	04/05/98	
	4,4'-DDT	<0.017	µg/L	0.017	03/25/98	04/05/98	
	Aldrin	<0.024	µg/L	0.024	03/25/98	04/05/98	
	alpha-BHC	<0.011	µg/L	0.011	03/25/98	04/05/98	
	alpha-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98	
	beta-BHC	<0.020	µg/L	0.020	03/25/98	04/05/98	
	delta-BHC	<0.019	µg/L	0.019	03/25/98	04/05/98	
	Dieldrin	<0.011	µg/L	0.011	03/25/98	04/05/98	
	Endosulfan I	<0.012	µg/L	0.012	03/25/98	04/05/98	
	Endosulfan II	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endosulfan sulfate	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin	<0.013	µg/L	0.013	03/25/98	04/05/98	
	Endrin aldehyde	<0.010	µg/L	0.010	03/25/98	04/05/98	

<u>Sample: 98-0778-007 continued...</u>		Result	Units	Reporting Limit	Date Prepared	Date Analyzed
EPA 8081A	Endrin ketone	<0.013	µg/L	0.013	03/25/98	04/05/98
	gamma-BHC	<0.012	µg/L	0.012	03/25/98	04/05/98
	gamma-Chlordane	<0.14	µg/L	0.14	03/25/98	04/05/98
	Heptachlor	<0.014	µg/L	0.014	03/25/98	04/05/98
	Heptachlor epoxide	<0.042	µg/L	0.042	03/25/98	04/05/98
	Methoxychlor	<0.057	µg/L	0.057	03/25/98	04/05/98
	Toxaphene	<0.097	µg/L	0.097	03/25/98	04/05/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	102%	60-140%		03/25/98	04/05/98
	Decachlorobiphenyl (SS)	137%	60-140%		03/25/98	04/05/98
EPA 8082	Aroclor-1016	<0.17	µg/L	0.17	03/25/98	04/07/98
	Aroclor-1221	<0.016	µg/L	0.016	03/25/98	04/07/98
	Aroclor-1232	<0.025	µg/L	0.025	03/25/98	04/07/98
	Aroclor-1242	<0.38	µg/L	0.38	03/25/98	04/07/98
	Aroclor-1248	<0.11	µg/L	0.11	03/25/98	04/07/98
	Aroclor-1254	<0.11	µg/L	0.11	03/25/98	04/07/98
	Aroclor-1260	<0.15	µg/L	0.15	03/25/98	04/07/98
	2,4,5,6-Tetrachloro-m-xylene (SS)	102%	60-140%		03/25/98	04/07/98
	Decachlorobiphenyl (SS)	137%	60-140%		03/25/98	04/07/98
EPA 8270C	Acenaphthene	<1	µg/L	1	03/24/98	03/24/98
	Acenaphthylene	<1	µg/L	1	03/24/98	03/24/98
	Anthracene	<1	µg/L	1	03/24/98	03/24/98
	Benzo(a)anthracene	<2	µg/L	2	03/24/98	03/24/98
	Benzo(b)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Benzo(k)fluoranthene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Benzo(g,h,i)perylene	<2	µg/L	2	03/24/98	03/24/98
	Benzo(a)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Chrysene	<1	µg/L	1	03/24/98	03/24/98
	Dibenzo(a,h)anthracene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Fluoranthene	<1	µg/L	1	03/24/98	03/24/98
	Fluorene	<1	µg/L	1	03/24/98	03/24/98
	Indeno(1,2,3-cd)pyrene	<1.5	µg/L	1.5	03/24/98	03/24/98
	Naphthalene	<1	µg/L	1	03/24/98	03/24/98
	Phenanthrene	<1	µg/L	1	03/24/98	03/24/98
	Pyrene	<1	µg/L	1	03/24/98	03/24/98
	Nitrobenzene-d5 (SS)	45%	35-114%		03/24/98	03/24/98
	2-Fluorobiphenyl (SS)	43%	43-116%		03/24/98	03/24/98
	p-Terphenyl-d14 (SS)	* 6%	33-141%		03/24/98	03/24/98

* Surrogate recovery is out of range

Results of Analyses - Laboratory Quality Control

File No.: 98-0778
 Report Date: 04/07/98

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	LCS % Rec	LCSD % Rec.	LCS/LCSD RPD
--	-----------	-----------------	---------------------	----------------	--------------	----------------	-----------------

Pesticides (ug/L)

Heptachlor	PSTL-0020	<0.014	---	0.5	117	---	---
Aldrin	PSTL-0020	<0.024	---	0.5	101	---	---
Dieldrin	PSTL-0020	<0.011	---	1.0	116	---	---

PCB's (ug/L)

Aroclor-1260	PSTL-0020	<0.15	---	5.0	118	119	1
--------------	-----------	-------	-----	-----	-----	-----	---

Chlorinated Herbicides (ug/L)

2,4,5-TP (Silvex)	98EN0896	<0.19	NS96LGS	---	99	---	---
-------------------	----------	-------	---------	-----	----	-----	-----

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	BS % Rec	BSD % Rec.	BS/BSD RPD
--	-----------	-----------------	---------------------	----------------	-------------	---------------	---------------

Oxygen (%)	T032498-1	<0.010	N/A	21.0	98	96	2
Nitrogen (%)	T032498-1	<0.010	N/A	79.0	100	100	0

µg/l = micrograms per liter (ppb)
 µg/kg = micrograms per kilogram (ppb)
 < = less than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Sample
 BS = Blank Spike
 µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)
 mg/kg = milligrams per kilogram (ppm)
 % = percent
 RPD = Relative Percentage Difference
 RW - Reagent Water
 LCSD = Laboratory Control Sample Duplicate
 BSD = Blank Spike Duplicate

Certes Environmental Laboratories

2209 Wisconsin Street, Suite 200 Dallas, Texas, 75229 • 972-620-7966 • 800-394-2872 • FAX 972-620-7963 • Email: certes@aol.com

Results of Analyses - Laboratory Quality Control

File No.: 98-0778
 Report Date: 04/07/98

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	LCS % Rec	LCSD % Rec.	LCS/LCSD RPD
Pesticides (ug/L)							
Heptachlor	PSTL-0020	<0.014	---	0.5	117	---	---
Aldrin	PSTL-0020	<0.024	---	0.5	101	---	---
Dieldrin	PSTL-0020	<0.011	---	1.0	116	---	---
PCB's (µg/L)							
Aroclor-1260	PSTL-0020	<0.15	---	5.0	118	119	1
Chlorinated Herbicides (µg/L)							
2,4,5-TP (Silvex)	98EN0896	<0.19	NS96LGS	---	99	---	---

µg/l = micrograms per liter (ppb)
 µg/kg = micrograms per kilogram (ppb)
 < = less than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Sample
 BS = Blank Spike
 µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)
 mg/kg = milligrams per kilogram (ppm)
 % = percent
 RPD = Relative Percentage Difference
 RW - Reagent Water
 LCSD = Laboratory Control Sample Duplicate
 BSD = Blank Spike Duplicate

Certes Environmental Laboratories

2209 Wisconsin Street, Suite 200 Dallas, Texas. 75229 • 972-620-7966 • 800-394-2872 • FAX 972-620-7963 • Email: certes@aol.com

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	MS % Rec	MSD % Rec.	MS/MSD RPD
Volatile Organic Compounds (µg/L)							
1,1-Dichloroethene	98CW191	<5	0778-07	50	80	87	8
Benzene	98CW191	<5	0778-07	50	90	94	4
Trichloroethene	98CW191	<5	0778-07	50	95	99	4
Toluene	98CW191	<5	0778-07	50	90	97	7
Chlorobenzene	98CW191	<5	0778-07	50	100	103	4
Polynuclear Aromatic Hydrocarbons (µg/L)							
1,4-Dichlorobenzene	SVW033	<10	LCS	100	47	53	12
n-Nitroso-di-n-propylamine	SVW033	<10	LCS	100	48	54	12
1,2,4-Trichlorobenzene	SVW033	<10	LCS	100	60	65	9
Acenaphthene	SVW033	<10	LCS	100	62	65	6
2,4-Dinitrotoluene	SVW033	<10	LCS	100	47	50	7
Pyrene	SVW033	<10	LCS	100	74	80	7
Total Metals (mg/L)							
Aluminum	W032498	<0.050	0778-04	1.0	102	93	9
Arsenic	W032498	<0.015	0778-04	0.50	95	90	5
Barium	W032498	<0.010	0778-04	0.50	85	76	11
Cadmium	W032498	<0.005	0778-04	0.50	96	91	5
Chromium	W032498	<0.005	0778-04	0.50	80	75	6
Iron	W032498	<0.15	0778-04	0.50	115	124	8
Lead	W032498	<0.015	0778-04	0.50	88	85	4
Manganese	W032498	<0.010	0778-04	0.50	84	75	11
Mercury	W032498	<0.0005	0778-07	0.0025	112	120	7
Selenium	W032498	<0.040	0778-04	0.50	98	90	8
Silver	W032498	<0.010	0778-04	0.50	85	79	6
Zinc	W032498	<0.050	0778-04	0.50	93	90	4

µg/l = micrograms per liter (ppb)
 µg/kg = micrograms per kilogram (ppb)
 < = less than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Sample
 BS = Blank Spike
 µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)
 mg/kg = milligrams per kilogram (ppm)
 % = percent
 RPD = Relative Percentage Difference
 RW - Reagent Water
 LCSD = Laboratory Control Sample Duplicate
 BSD = Blank Spike Duplicate

Certes

Environmental Laboratories, L.L.C.
2209 Wisconsin Street, Suite 200
Dallas, Texas 75229
972-620-7966 972-620-7963 Fax

Analysis(es) Requested

Client Name: **EMCON** Phone No. 817 478-8254

Client Address: **5701 E Loop 820 S.** Fax No. 817-478-8874

Billing Address: **Ft. Worth, TX 76119** City State Zip

Purchase Order No. **S3373\00** To ensure proper billing, please reference quotation number.

Project Manager: **Becky Richards** Site Location: **Etter Park Austin, TX**

Certes No.	Sample ID	Date	Time	Matrix	No. & Type of Container				
					V	G	J	O	P2
1	LFE1-8	3/20		A				✓	
2	MW-2	3/20		L	3	4		1	
3	MW-3	3/20		L	3	4		1	
4	MW-4	3/20		L	3	4		1	
5	MW-5	3/20		L	3	4		1	
6	MW-6x	3/20	3/14/98	L	3	4		1	
7	MW-7	3/20		L	3	4		1	

7 Day
7 Day
7 Day

metals (a inc. tg)
* Special Instructions

VOCs EPA - 8240
Herbicides 8150
Pest 8080
PCB 8140
PAH 8100 8270
Mercuric/CO2

Sampled By: **Ben Summers**

1 Matrix: A - Air Bag, G - Charcoal Tube, L - Liquid, OL - Oil, S - Soil, SD - Solid, SL - Sludge, WP - Wipe, W - Water/Wastewater
2 Container Type: V - 40ml VOA Vial, G - Amber or Glass 1 Liter, J - 250ml Wide-mouth Glass Jar, O - Other
3 Preservative: HCl - Hydrochloric Acid, HNO₃ - Nitric Acid, H₂SO₄ - Sulfuric Acid, O - Other

TAT Standard: Date Required <input checked="" type="checkbox"/>	Client Project ID 62760.002.001	Special Instructions (including specific detection limits) Metals → Al, As, Ba, Cd, Cr, Fe, Pb Mn, Hg, Se, Ag & Zn (4010 & 7000 Series)	Certes Job Number 98-0774
--	---	---	-------------------------------------

Relinquished by Samples Ben Summers	Date 3/20/98	Time 9:15	Received By
Relinquished by	Date	Time	Received By
Relinquished by	Date 3/22/98	Time 9:30 AM	Received By Laboratory <i>[Signature]</i>

NOTE: By submitting these samples, you agree to the terms and conditions contained in Certes' Schedule of Fees. Certes cannot accept verbal changes. Please FAX written changes to (972) 620-7963.

3-23-98 ; 9:29AM ; EMCON FT. WORTH ; 972 620 7963 ; # 2 / 2

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

Certes File Number: 98-1325

Client Project I.D.:

62786.002.001

Prepared for:

EMCON

5701 E Loop 820 S.

Fort Worth, TX 76119

Attention:

Becky Richards

Report Date:

05/06/98

Included are the results of chemical analyses for the samples submitted to Certes Environmental Laboratories, L.L.C., on 05/04/98. All analytical results met Quality Control requirements as set by the industry accepted criteria. Please refer to the Laboratory Quality Control Results section of this report.

Sincerely,

Certes Environmental Laboratories, L.L.C.



**Chase A. Thibodaux
Laboratory Manager**

		Date Prepared	Date Analyzed	Reporting Limit	Result	Units
Sample Number:	98-1325-001	Client Sample ID:		LFG-8		
Date Sampled:		Sample Matrix:		Air		
Time Sampled:		Sampled By:				
SM D1945	Carbon Dioxide		05/04/98	0.010	.15.1	%
SM D1946	Methane		05/04/98	0.010	45.4	%
EPA 8260B	Benzene		05/05/98	4.0	26.3	µg/L-Air
	Bromomethane		05/05/98	4.0	< 4.0	µg/L-Air
	Carbon tetrachloride		05/05/98	4.0	< 4.0	µg/L-Air
	Chlorobenzene		05/05/98	4.0	< 4.0	µg/L-Air
	Chloroethane		05/05/98	4.0	< 4.0	µg/L-Air
	Chloroform		05/05/98	4.0	< 4.0	µg/L-Air
	Chloromethane		05/05/98	4.0	98.1	µg/L-Air
	Diclorotetrafluoroethane		05/05/98	4.0	107	µg/L-Air
	Dibromomethane		05/05/98	4.0	< 4.0	µg/L-Air
	1,3-Dichlorobenzene		05/05/98	4.0	< 4.0	µg/L-Air
	1,4-Dichlorobenzene		05/05/98	4.0	< 4.0	µg/L-Air
	Dichlorodifluoromethane		05/05/98	4.0	< 4.0	µg/L-Air
	1,1-Dichloroethane		05/05/98	4.0	20.3	µg/L-Air
	1,2-Dichloroethane		05/05/98	4.0	< 4.0	µg/L-Air
	1,1-Dichloroethene		05/05/98	4.0	< 4.0	µg/L-Air
	cis-1,2-Dichloroethene		05/05/98	4.0	< 4.0	µg/L-Air
	trans-1,2-Dichloroethene		05/05/98	4.0	< 4.0	µg/L-Air
	1,2-Dichloropropane		05/05/98	4.0	< 4.0	µg/L-Air
	1,3-Dichloropropane		05/05/98	4.0	< 4.0	µg/L-Air
	Ethyl benzene		05/05/98	4.0	< 4.0	µg/L-Air
	Hexachlorobutadiene		05/05/98	4.0	< 4.0	µg/L-Air
	Methylene chloride		05/05/98	4.0	< 4.0	µg/L-Air
	Styrene		05/05/98	4.0	< 4.0	µg/L-Air
	1,1,2,2-Tetrachloroethane		05/05/98	4.0	< 4.0	µg/L-Air
	Tetrachloroethene		05/05/98	4.0	< 4.0	µg/L-Air
	Toluene		05/05/98	4.0	< 4.0	µg/L-Air
	1,2,4-Trichlorobenzene		05/05/98	4.0	< 4.0	µg/L-Air
	1,1,1-Trichloroethane		05/05/98	4.0	< 4.0	µg/L-Air
	1,1,2-Trichloroethane		05/05/98	4.0	< 4.0	µg/L-Air
	Trichloroethene		05/05/98	4.0	< 4.0	µg/L-Air
	Trichlorofluoromethane		05/05/98	4.0	< 4.0	µg/L-Air
	1,2,4-Trimethylbenzene		05/05/98	4.0	< 4.0	µg/L-Air
	Vinyl chloride		05/05/98	4.0	< 4.0	µg/L-Air
	Xylenes (Total)		05/05/98	4.0	< 4.0	µg/L-Air

Quality Control Surrogate Spike (SS)

<u>Sample: 98-1325-001 continued...</u>		<u>Date</u>	<u>Date</u>	<u>Reporting</u>	<u>Result</u>	<u>Units</u>
		<u>Prepared</u>	<u>Analyzed</u>	<u>Limit</u>		
EPA 8260B	Dibromofluoromethane (SS)		05/05/98		99%	86-118%
	4-Bromofluorobenzene (SS)		05/05/98		108%	86-115%

	Batch No.	Method Blank	Spiked Sample ID	Spike Level	BS % Rec	BSD % Rec.	BS/BSD RPD
Carbon Dioxide/Methane (%)	T050498-1	<0.010	---	21.0	93	93	0
Volatile Organic Compounds (µg/L)							
1,2-Dichloroethene	S050598-1	<0.20	---	10.0	112	110	2
Benzene	S050598-1	<0.20	---	10.0	85	85	0
Trichloroethene	S050598-1	<0.20	---	10.0	99	96	3
Toluene	S050598-1	<0.20	---	10.0	100	97	3
Chlorobenzene	S050598-1	<0.20	---	10.0	92	89	4

µg/l = micrograms per liter (ppb)
 µg/kg = micrograms per kilogram (ppb)
 < = less than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Sample
 BS = Blank Spike
 µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)
 mg/kg = milligrams per kilogram (ppm)
 % = percent
 RPD = Relative Percentage Difference
 RW - Reagent Water
 LCSD = Laboratory Control Sample Duplicate
 BSD = Blank Spike Duplicate

440-5170

Anderson, Rachel

From: Von-Wupperfeld, Mike
Sent: Wednesday, September 15, 1999 10:12 AM
To: Anderson, Rachel
Cc: Maddox, Kathy; Valera-Lema, Juan
Subject: RE: old pistol range

new long budget - how much

**Albert's Copy
Pistol Range**

Rachel -

My recollection of the use of the range was that it was used from mid-40's to the late 60's as an active range. I personally shot on it during the 60's. It was heavily used by both the Austin Police Department and civilians. People were shooting on the range essentially on a daily basis. Lead contamination of the soil should be heaviest in two areas, at the firing line itself where the lead staphinate primers and muzzle flash deposited lead from both the bullets and primers and in the impact area down range where the bullets impacted. My guess is that when APD moved from the range they did minimal clean-up. Also the bullets they shot on this range were lead bullets, not the newer cupro-nickel jacketed bullets

I suggest that you get Juan Vasquez from the Operations Division to arrange for soil sampling from the site. Initially I would take at least 3 samples from the old firing line, 3 samples from the impact area, and two samples from elsewhere in Zilker. The elsewhere sites could be the ballfield immediately west of the old range and somewhere on the Nature and Science Center grounds. Sampling should be both surface samples and subsurface samples.

The entire site is going to have a certain level of "background" lead. This is due to several reasons. One the soil in the area has trace levels of lead normally, and two, the years of motor vehicle traffic passing by burning leaded gasoline put lead into the air, which settled out on nearby grounds.

Based on lead levels discovered, a mitigation plan can be developed. It could be as simple as spreading a foot or so of new soil on the area and re-seeding, or it might require excavation / removal of the contaminated soils.

Without testing the soils to determine the lead levels, I wouldn't even consider using the site for any programs involving children, due to their vulnerability to lead poisoning. If lead is still present as I suspect it is, any stirring up of dust would aerosolize it, and allow children to inhale it. I'd also be happy to be proven wrong on my suspicions on the lead, but just can't see APD doing the right thing in the late 60's / early 70's in terms of site mitigation. That kind of ethic didn't come along until a bunch of laws were passed in the late 80's, early 90's. In my 16+ years with PARD, no testing of the site has been done to my knowledge. We did do some testing elsewhere in Zilker at the train tunnel. We found lead and other nasties to a depth of about three feet. The off site sample from that testing, which was taken elsewhere on Zilker, showed trace or background levels of lead. It may be in the 20+ years since the range closed enough rain has fallen that has washed the area clear of lead, if we're lucky.

Unfortunately, testing is going to be the first step on solving this problem. Hopefully, Operations has budget monies set aside for just this kind of thing.

Finally, as a suggestion for your proposed ropes course, the site should be fenced to provide unauthorized access / possible injuries. We looked at ropes courses about 6 years ago and they were either fencing the area and/or removing all apparatus access at the end of the day.

Call me at 918-1014 or page me at 613-2373 if you have any questions.

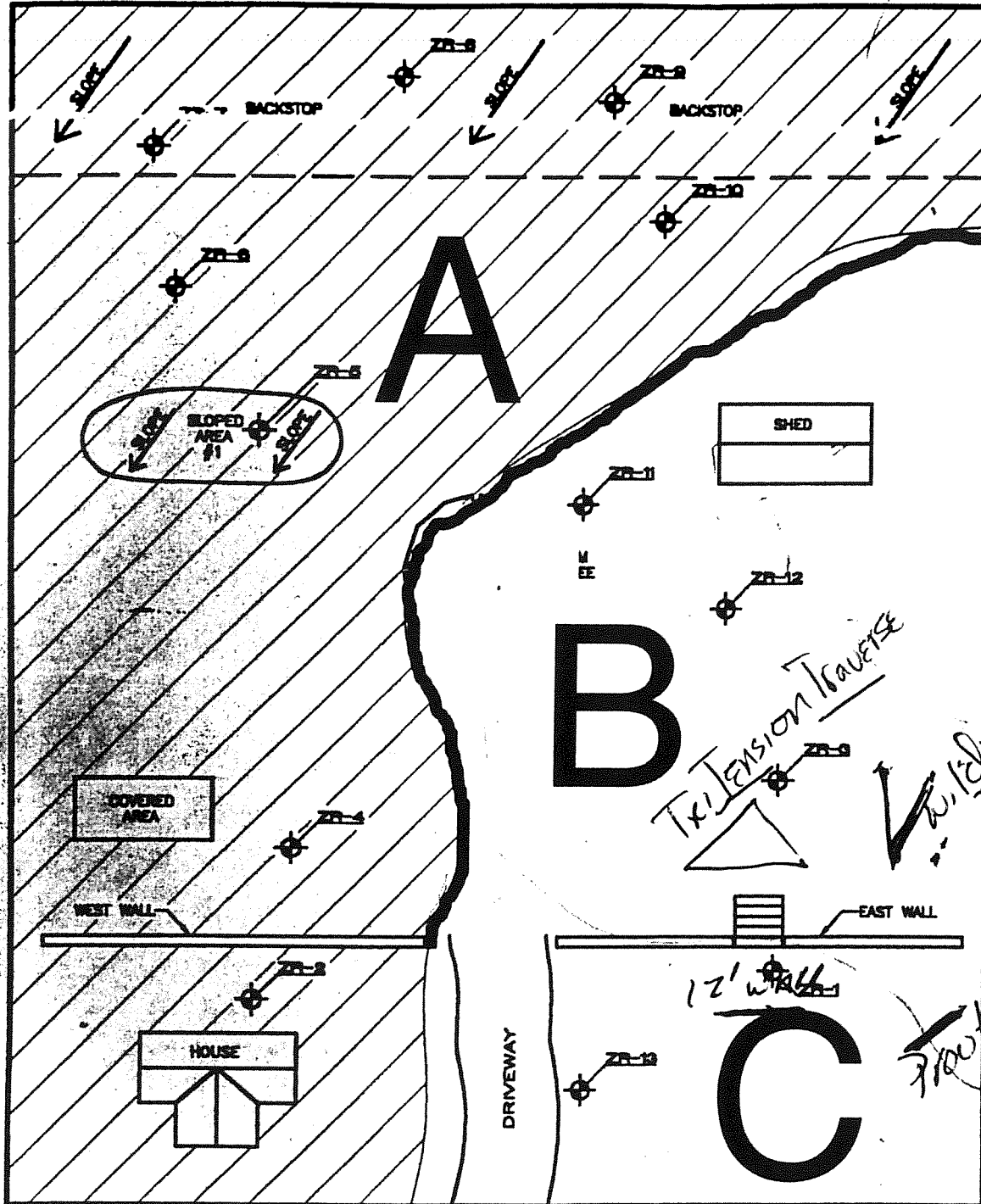
Mike vW

-----Original Message-----

From: Anderson, Rachel
Sent: Tuesday, September 14, 1999 4:16 PM
To: Von-Wupperfeld, Mike
Subject: old pistol range

Mike,

Kathy Maddox suggested that I talk with you about the old pistol range at the corner of Barton Springs and Rollingwood. I'm trying to find out to what extent it was used as a pistol range (when began, when ended, how often, etc.) More importantly, I need to know whether any tests were run to determine the lead content and whether or not



Whale watch

TP Shuff

V. White Wood Spine

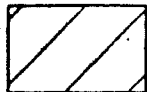
TRUST

Tension Traverse

12' walls

TS

LEGEND



ELEVATED LEAD IN SOIL



SOIL SAMPLE LOCATIONS

SCALE: N.T.S.

LEAD IN SOIL SURVEY - CITY OF AUSTIN

AUSTIN NATURE CENTER - PISTOL RANGE
AUSTIN, TEXAS

HBC
ENGINEERING, INC.

3913 Todd Lane
Suite 312
Austin, Texas 78744
(512) 442-1122
Fax (512) 442-1181

SOIL REPORTING No. 000038L
P&S PROJECT No. 00007344

DATE 11-10-00

PROJECT No.

HBC

ENGINEERING, INC.

C. HUARD DEC 8 1999

RECEIVED

DEC 2 1999

ARCH./ENG. SERVICES
DIVISION

LEAD IN SOIL SURVEY
For Assessment of
Potential Lead Contaminated Soil

CITY OF AUSTIN REQUEST NO: 990039L
FORMER PISTOL RANGE
AUSTIN NATURE CENTER
Rollingwood Drive
Austin, Texas



Prepared for:

THE CITY OF AUSTIN
Austin, Texas

HBC Project Number:
96997344

Prepared by:

HBC ENGINEERING, INC.
Environmental, Geotechnical and Construction Material Services
Austin, Texas

November 30, 1999

Houston
11555 Clay Road
Suite 100
Houston, TX 77043

Dallas
8901 Carpenter Frwy.
Suite 100
Dallas, TX 75247

Fort Worth
2301 E. Loop 820 North
Flagstone & Loop 820
Fort Worth, TX 76118

Austin
3913 Todd Lane
Suite 312
Austin, TX 78744

Wichita Falls
3100 Seymour Hwy.
Suite 105
Wichita Falls, TX 76310



Ms. Christina Huard
 Asbestos Management Group
 Department of Public Works and Transportation
 City of Austin
 Austin, Texas 78767

On October 19, 1999, a lead in soil survey was conducted at the former Nature Center Pistol Range located on Rollingwood Drive in Austin, Texas. The survey was conducted and soil samples were obtained by Mr. Michael Van Zandt, a TDH licensed and EPA accredited Lead Risk Assessor employed by HBC Engineering, Inc. Random soil samples were collected at various locations around the property which were deemed to possibly have elevated lead concentrations. Soil samples were collected in areas which were used as possible bullet backstops, areas which were used as shooting rests and areas specifically identified by the Nature Center Representative as proposed areas of construction of play areas for children. An initial set of ten soil samples revealed the areas where shooting was most likely to have occurred did have elevated concentrations of lead in the soil. An additional set of three soil samples was collected to further evaluate this area of lead contaminated soil. A criteria of 400 parts per million was used as the threshold for elevated concentrations in soil.

The following general assumption have been made upon review of the soil samples collected. The samples collected in the southeastern quarter of the property revealed no elevated lead concentrations in the soil. This area is planned as a playground or recreation area for children and was the biggest area of concern. The western half of the property and the northern backstop or sloped area consistently had elevated lead concentrations in the soil. Many areas with elevated lead concentrations have either storage sheds or equipment stored in these areas and have low potential for child contact. A detailed drawing is included which shows the general areas known or suspected to have elevated lead concentrations. All soil samples were analyzed by Environmental Hazards Services and the analytical results are attached to this report.

We appreciate the opportunity to perform these services for you, and do not hesitate to contact HBC if you have any questions regarding this project.

Respectfully Submitted,

HBC ENGINEERING, INC.

Michael Van Zandt
 TDH Accredited Risk Assessor
 Certification Number 2070309
 State of Texas

Hilary D. Johns
 Senior Technical Review

TABLE OF CONTENTS

	<u>SECTION</u>
BULK SAMLE LOG.....	1
REPORT OF LABORATORY ANALYSIS.....	2
LEAD IN SOIL LOCATION MAP.....	3
PHOTOGRAPHY LOG	4



LEAD SAMPLE SUMMARY

Project Name: Austin Nature Center – Pistol Range **Samples Collected by:** Michael Van Zandt

Project Number: 96997344 **Samples Analyzed by:** Environmental Hazards Services

Date: 9-19-99 & 10-5-99

Sample No.	Sample Type	Sample Location	Lab Results
ZR-1	Soil Sample	3' South of East steps	250 PPM
ZR-2	Soil Sample	Between N.E. corner of house and West wall	540 PPM
ZR-3	Soil Sample	12' North of East wall	240 PPM
ZR-4	Soil Sample	3' North of paved area – near covered area	1500 PPM
ZR-5	Soil Sample	8' East of West end of slope #1	2400 PPM
ZR-6	Soil Sample	4' North of slope#1	880 PPM
ZR-7	Soil Sample	Base of backstop – 20' North of slope#1	810 PPM
ZR-8	Soil Sample	6' South of fence – ¾ of way up backstop	130 PPM
ZR-9	Soil Sample	10' South of fence – 50' East of stone wall	3400 PPM
ZR-10	Soil Sample	Base of backstop – 50' East of stone wall	1300 PPM



LEAD SAMPLE SUMMARY

Project Name: Austin Nature Center – Pistol Range **Samples Collected by:** Michael Van Zandt
Project Number: 96997344 **Samples Analyzed by:** Environmental Hazards Services
Date: 9-19-99 & 10-5-99

Sample No.	Sample Type	Sample Location	Lab Results
ZR-11	Soil Sample	20' east of Elm tree	95 PPM
ZR-12	Soil Sample	15' S.W. of East storage shed	< 60 PPM
ZR-13	Soil Sample	East side of driveway – near gate	< 53 PPM

COPY

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237
804-275-4788 FAX 804-275-4907



LEAD IN SOIL ANALYSIS SUMMARY

CLIENT: HBC Engineering
3913 Todd Ln., Ste. 312
Austin, TX 78744

DATE OF SAMPLING: 19 OCT 1999
DATE OF RECEIPT: 21 OCT 1999
DATE OF ANALYSIS: 21 OCT 1999
DATE OF REPORT: 21 OCT 1999

CLIENT NUMBER: 45-3685
EHS PROJECT #: 10-99-2175
PROJECT: 96997344

<u>EHS SAMPLE#</u>	<u>CLIENT SAMPLE#</u>	<u>CONCENTRATION PPM (mg/kg)</u>
01	ZR-1	250
02	ZR-2	540
03	ZR-3	240
04	ZR-4	1500
05	ZR-5	2400
06	ZR-6	880
07	ZR-7	810
08	ZR-8	130
09	ZR-9	3400
10	ZR-10	1300

QUALITY CONTROL DATA

BATCH#:	102199S-1
INCLUSIVE EHS SAMPLE NUMBERS:	01-10
Initial Calibration Verification (5.00ppm Pb)	106% Recovery
Continuing Calibration Verification 10 (10.0ppm Pb)	99.5% Recovery
Continuing Calibration Verification 5 (5.00ppm Pb)	105% Recovery
Laboratory Control Standard	96.9% Recovery
Matrix Spike	99.0% Recovery
Duplicate Relative Percent Difference	4.67 RPD
Reporting Limit	25.0ug
Method Detection Limit	4.65ug

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 45-3685
EHS PROJECT #: 10-99-2175
PROJECT: 96997344

PREPARATION METHOD: EPA 600/R-93/200
ANALYSIS METHOD: EPA SW846 7420

ANALYST: Aubrey Simonds



Reviewed By Authorized Signatory: *Howard D. Varner*
Howard Varner, Laboratory Director
Irma Faszewski, Quality Assurance Coordinator
David Xu, MS, Senior Chemist
Feng Jiang, MS, Senior Geologist

Sample results denoted with a "less than" (<) sign contain less than 25.0ug total lead, based on a 50ml sample volume.

Results represent the analysis of samples submitted by the client. Sample location, description, area, volume etc., was provided by the client. This report shall not be reproduced, except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319

LEGEND	ug = microgram	ppm = parts per million	mg/kg = milligrams per kilogram
	ml = milliliter	Pb = lead	

soilpb3.dot/02JUN1999/ DPB

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

LEAD IN SOIL ANALYSIS SUMMARY

CLIENT: HBC Engineering
3918 Todd Ln., Ste. 312
Austin, TX 78744

DATE OF SAMPLING: 05 NOV 1999
DATE OF RECEIPT: 10 NOV 1999
DATE OF ANALYSIS: 10 NOV 1999
DATE OF REPORT: 10 NOV 1999

CLIENT NUMBER: 45-3685
EHS PROJECT #: 11-99-1055
PROJECT: 96997344




EHS SAMPLE#	CLIENT SAMPLE#	CONCENTRATION PPM (mg/kg)
01	ZR-11	95
02	ZR-12	<60
03	ZR-13	<53

QUALITY CONTROL DATA

BATCH#:	111099S-1
INCLUSIVE EHS SAMPLE NUMBERS:	01-03
Initial Calibration Verification (5.00ppm Pb)	101% Recovery
Continuing Calibration Verification 5 (5.00ppm Pb)	100% Recovery
Laboratory Control Standard	95.1% Recovery
Matrix Spike	102% Recovery
Duplicate Relative Percent Difference	0.00 RPD
Reporting Limit	25.0ug
Method Detection Limit	4.65ug

PREPARATION METHOD: EPA 600/R-93/200
ANALYSIS METHOD: EPA SW846 7420

ANALYST: Aubrey Simonds

Reviewed By Authorized Signatory: 
Howard Varner, Laboratory Director
Irma Faszewski, Quality Assurance Coordinator
David Xu, MS, Senior Chemist
Feng Jiang, MS, Senior Geologist

Sample results denoted with a "less than" (<) sign contain less than 25.0ug total lead, based on a 50ml sample volume.

Results represent the analysis of samples submitted by the client. Sample location, description, area, volume etc., was provided by the client. This report shall not be reproduced, except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319

LEGEND ug = microgram ppm = parts per million mg/kg = milligrams per kilogram
ml = milliliter Pb = lead

CHAIN OF CUSTODY FORM

1-800-347-4010

10Pb(Soil)

Company Name: HBC Engineering, Inc. Date: 10-19-99
 Address: 3913 TODD LN Ste 312 Contact Name: Mike VanZandt
 City, State, Zip: Austin TX 78744 Sampler Name: Mike VanZandt
 EHS Client Account #: _____ Project #: 96997344
 Phone#: 512-442-1122 Fax#: 512-442-1181 P.O. #: _____

Sample Number	Sample Date	Asbestos					Lead					Other Metals (Specify metals below)				Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)	Comments
		Bulk ID by PLM	Asbestos Wipe	Fiber Count (PCM)	TEM Air	TEM Chatfield (Bulk)	Air	Paint	Soil	Wipe	TCLP (Pb)	Waste Water	TCLP RCRA 8				
1 ZR-1	10-19-99							X									
2 ZR-2								X									
3 ZR-3								X									
4 ZR-4								X									
5 ZR-5								X									
6 ZR-6								X									
7 ZR-7								X									
8 ZR-8								X									
9 ZR-9								V									
10 ZR-10								X									

Released by: Michael VanZandt Signature: [Signature] Date: 10-19-99
 Received by: _____ Signature: _____ Date: _____
 Released by: _____ Signature: [Signature] Date: _____
 Received by: _____ Signature: _____ Date: 10/21/99

COPY

850AM

CHAIN OF CUSTODY FORM

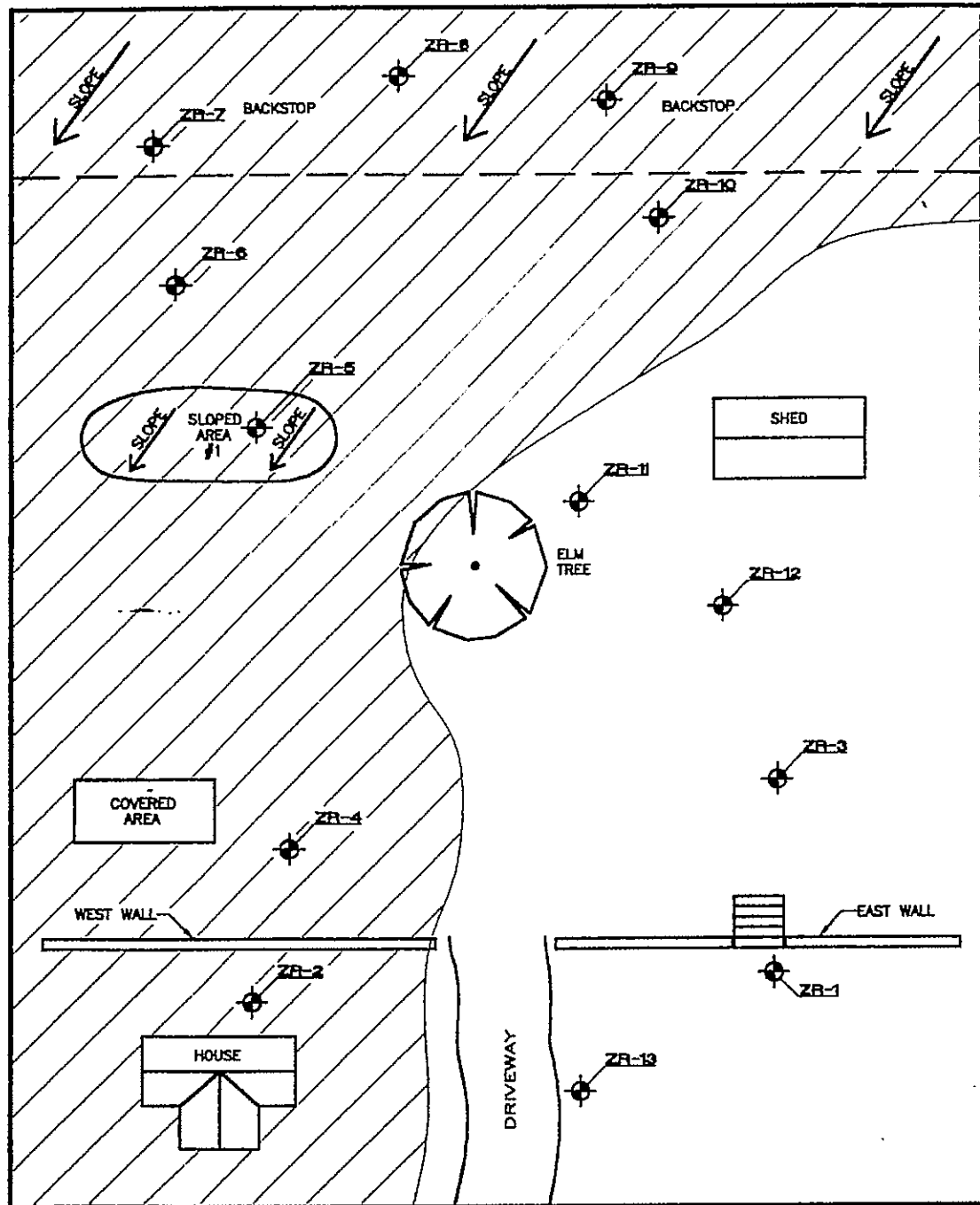
3PB (soil)

Company Name: HBC Engineering
 Address: 3913 TODD LN Ste 312
 City, State, Zip: Austin TX
 EHS Client Account #:
 Phone#: 512 442 1122 Fax#: 512 442 1181

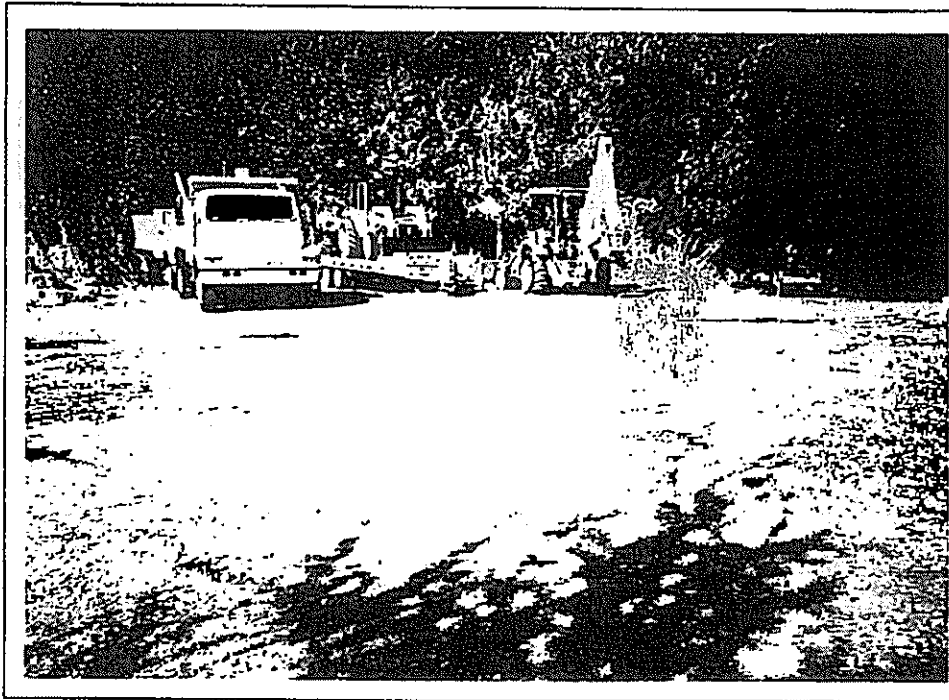
Date: 11-5-99
 Contact Name: Mike Van Zandt
 Sampler Name: Mike Van Zandt
 Project #: 96997344
 P.O. #:

Sample Number	Sample Date	Asbestos					Lead					Other Metals (Specify metals below)				Air Volume (L) OR Wipe Area (ft ²) OR Scrapo Area (cm ²)	Comments
		Bulk ID by PLM	Asbestos Wipe	Fiber Count (PCM)	TEM Air	TEM Chatfield (Bulk)	Air	Paint	Soil	Wipe	TCLP (Pb)	Waste Water	TCLP RCRA 8				
ZR-11	11-5-99							X									Normal Turnaround please
ZR-12								X									I
ZR-13								X									
Released by: <u>[Signature]</u>		Signature: <u>[Signature]</u>					Signature: <u>[Signature]</u>				Signature: <u>[Signature]</u>				Date: <u>11-9-99</u>		
Received by: <u>[Signature]</u>		Signature: <u>[Signature]</u>					Signature: <u>[Signature]</u>				Signature: <u>[Signature]</u>				Date: <u>11/10/99 8:40 AM</u>		





COPY



East central portion of site

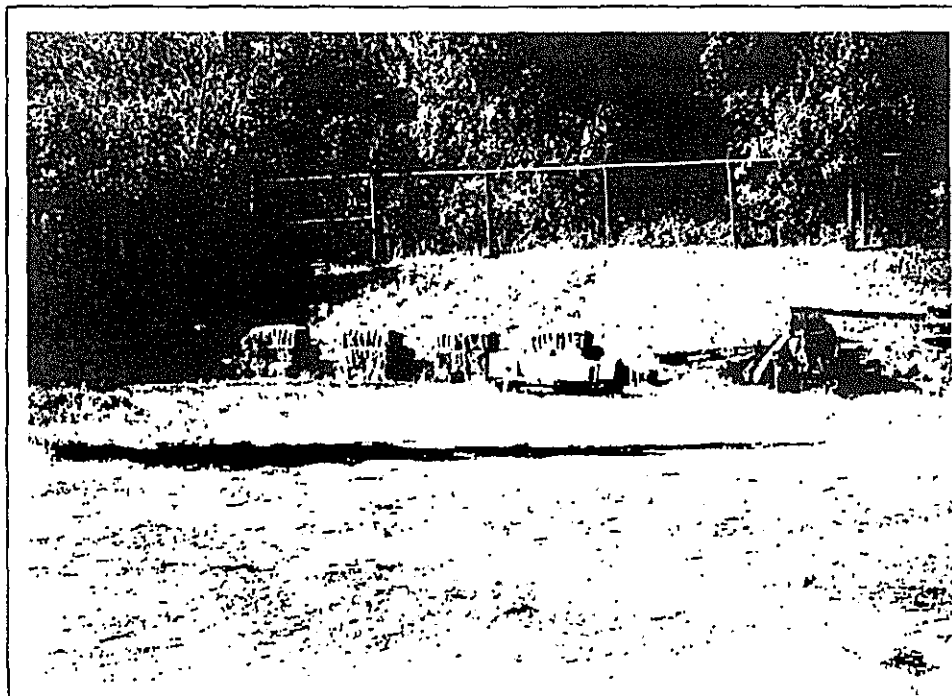


Sloped shooting area west central portion of site

COPY



View of Eastern wall and driveway



Northwest portion of site

CITY OF AUSTIN

LEAD BASED PAINT INSPECTION REQUEST

NOTE: A WORK REQUEST OR A LEAD BASED PAINT INSPECTION REQUEST MUST BE SUBMITTED FOR ALL RENOVATION, REMODELING, DEMOLITION OR MAINTENANCE WORK, WHETHER OR NOT LEAD BASED PAINT MIGHT BE DISTURBED. THE REQUEST FORM MUST BE APPROVED AND RECEIVED BEFORE ANY WORK CAN BE PERFORMED. THIS FORM SHOULD BE USED FOR PROJECTS WHICH EXCEED THAT WORK WHICH CAN BE DONE BY ONE WORKER IN ONE WORKING DAY.

DATE OF REQUEST: 9-17-99
DEPARTMENT / DIVISION: PARD
NAME OF PROJECT: Austin Nature Center Pistol Firing Range
NAME OF REQUESTER: Rachel Anderson
TITLE:
TELEPHONE NUMBER: 327-8180 FAX NUMBER:
SIGNATURE:

EMERGENCY DECLARATION ATTACH AFFIDAVIT
FOR ASBESTOS/LEAD BASED PAINT MANAGEMENT GROUP USE
DATE RECEIVED: 9-17-99
REQUEST NUMBER: 9900392
PRIORITY RATING: 191
INSPECTION SCHEDULED:
INSPECTION BY:

AREA TO BE INSPECTED:
STREET ADDRESS: Intersection of Barton Springs Road and Rollingwood Drive
AREA OF BUILDING: Entire Facility
APPROXIMATE FLOOR AREA OF AREA TO BE INSPECTED: SQ. FT.
PLEASE ATTACH A FLOOR PLAN NO LARGER THAN 11" by 17" INDICATING THE AREA TO BE INSPECTED.

REASON FOR INSPECTION: (INDICATE THE MAIN REASON FOR INSPECTION, THEN ANSWER THE QUESTIONS FOR THAT REASON)
1. DEMOLITION, REMODELING OR RENOVATION OF BUILDING MATERIALS
2. REQUIRED TO PERFORM MAINTENANCE WORK THAT IS LARGER THAN SMALL SCALE/SHORT DURATION
3. REQUIRED TO PERFORM CUSTODIAL WORK THAT IS LARGER THAN SMALL SCALE/SHORT DURATION
4. REQUIRED PROJECT THAT INVOLVES RUNNING COMMUNICATION / COMPUTER LINES THAT IS LARGER THAN SMALL SCALE/SHORT DURATION
5. BUILDING MATERIAL IS IN DAMAGED CONDITION, BUT THERE IS NO INTENTION TO DISTURB IT.
6. OTHER (DESCRIBE): New Child Program has been developed. Austin Nature Center wants to use this facility for the program. They have been using the site for storage.

PRIORITY OF PROJECT: THERE IS A LIMITED NUMBER OF RESOURCES AVAILABLE FOR INSPECTIONS. PLEASE DESCRIBE HOW SOON THE INSPECTION IS REQUIRED AND WHAT COULD HAPPEN IF THE INSPECTION WERE NOT DONE WITHIN THE INDICATED TIME FRAME.
XX 1 WEEK TO 1 MONTH
OTHER:

CONTACT PERSON: IDENTIFY A PERSON WHO WILL BE AVAILABLE TO ANSWER QUESTIONS ABOUT THIS PROJECT AND CAN MAKE ARRANGEMENTS TO MAKE THE BUILDING ACCESSIBLE TO AN INSPECTOR.
NAME: Rachel Anderson
TELEPHONE NUMBER: 327-8180 FAX NUMBER:

APPROVAL
GRANTED WITHOUT CONDITIONS
GRANTED WITH CONDITIONS * (SEE COMMENTS)
DENIED (SEE COMMENTS)
COMMENTS: SPECIFIC AREAS OF SOIL HAVE ELEVATED LEAD
AUTHORIZED BY: Wade Mullin
TITLE: ASBESTOS MANAGER
SIGNATURE: Wade Mullin
DATE: 12/13/99

* ALL WORK THAT MAY DISTURB THESE MATERIALS MUST BE PERFORMED BY PROPERLY TRAINED, EQUIPPED AND LICENSED PERSONNEL EMPLOYING PREVIOUSLY APPROVED WORK PROCEDURES.

AUSTIN NATURE & SCIENCE CENTER
Improvements to the Adventure Activity Program
A proposal for the addition of a Low Ropes Challenge Course
January 19, 2000

As part of the Austin Nature & Science Center's Adventure Activity Programs, a Low Ropes Challenge Course is proposed for installation at the Pistol Range site on Rollingwood Dr. The installation of such a course would provide a unique resource for the Parks & Recreation Department while developing this under utilized location.

Objective:

A challenge course is an excellent opportunity for groups to participate in hands-on team building activities. It is a safe, fun and exceptional way to build self-confidence in both youth and adults. For the past several years the ANSC Summer Camp Program has included the use of Low Ropes Course activities by contract with other organizations. In 1997 the cost to the Summer Camp Budget was \$3500.

The Pistol Range is the obvious choice for such an installation being securable and within walking distance of the ANSC. It is large enough to allow for future expansion of our Challenge and skill curriculum. The trees around the perimeter provide shade and are far enough apart for elements to be included. We have used this space primarily as an archery range and this is an activity that will be compatible with Challenge Course elements. Future expansion may include the construction of a covered pavilion, high ropes elements, and a climbing wall. This is consistent with the 1979 Nature Center Master Plan that proposed the creation of the Outpost Day Camp at this location.

Currently the Pistol Range is being used for archery, ANSC storage, and Preserve Equipment storage. Since 1995, this site has also been available to Zilker Park as construction staging area that has resulted in the accumulation of discarded equipment and debris. (see illustrations)

In the fall of 1999, HBC Engineering, Inc. completed a soil survey. It was determined that a large section of the area had elevated lead content due to its original use. To address this situation Christina Huard of the Department of Public Works has suggested that the contaminated area be covered with new sod. This would effectively separate this environmental hazard from visitor contact. It will also be necessary to prohibit vehicle use to limit destruction of the sod and the creation of contaminated dust. Furthermore, proximity to unsecured heavy equipment, construction debris and materials is incompatible with children's instructional activity. Such use needs to be curtailed.

The construction of a challenge course at the proposed site would benefit ANSC and PARD in several ways. It would reduce the expense of providing high quality adventure and challenge programs by the ANSC and will be available to other PARD programs through a minimum equipment and training fee. It would contribute to the re-development of this part of Zilker Park for public use. It would guarantee that program participants would experience high-quality activities specifically designed to complement our curriculum, and, most importantly, a ropes course would provide a safe tool for encouraging teamwork and self-esteem.

Action Plan: (see map)

Phase 1: Remediation and initial installation

Site preparation:

- Remove equipment structures and debris from areas A & B
- Move ANSC storage buildings to Maintenance compound
- Move Preserve equipment to area D
- Have Zilker crew remove all of their equipment, debris, and material
- Re sod areas A & B
 - Cover area with sandy loam approx. 120 yd. @ \$14 = \$1680
 - Seed with winter rye (in Feb.) #200 = \$120
 - Seed with Bermuda (in April) #200 = \$700
- Remove debris from area C

Design and Construction of Course:

Initiatives and low elements will be included in our course. The initiatives, such as the *Spider Web* and the *Trolley*, will provide an opportunity for the group to develop their communication skills and their ability to listen and follow directions. Some of the low elements, such as the *Triangular Tension Traverse* and *The Wall*, will strengthen the trust of the group and teach teamwork. Others, such as the *Wild Woozie*, will increase concentration, confidence and balance.

Below is a summary of the suggested elements that could be constructed and the prices set by Ropes Works.

Initiatives

	Price
*All Aboard	\$50
*Prouty's Landing	\$200
T.P. Shuffle	\$500
*Trolley (one 12 foot set)	\$200
*Spider Web	\$100

Low elements

Trust Fall	\$800
*Triangular	\$550
Tension Traverse	
*Wild Woozie	\$525
*The Wall	\$2850
Islands	\$625
Mobi Deck	\$900
Total	\$7300
*Total	\$4475

This is a general breakdown. Depending on which elements we do include, the price may vary. All materials, including anchors and poles, will be supplied by Ropes Works as well as needed staff for construction. ANSC will be accountable for installation of the anchors and poles.

Staff training ~\$300 to \$475/ person.

Total cost Phase 1:

Clearing/ Cleaning of site:	Actual expenses incurred by Jose
Construction of elements:	\$5000 - \$7500
Re sod	\$2500
Training of 4 staff:	\$1200 - \$1900

Total: \$8700 – \$11900 + expenses for staff

Phase 2:

- Engineering evaluation of existing structures
- Repair of existing fences and gates
- Installation of retaining wall along target berm
- Creation of site development plan that includes program needs assessment.

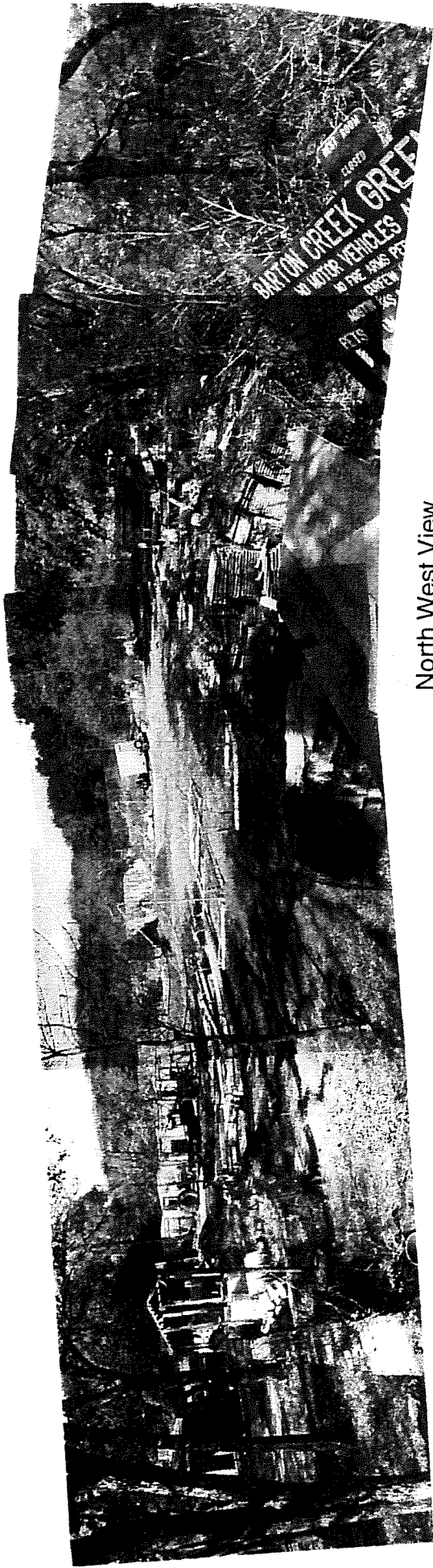
Annual Maintenance and Usage:

Annual maintenance will include yearly training for coordinators and other leaders, mowing grass, replacement of mulch, removal of debris and security checks of fence and gate. An annual inspection of the site is required.

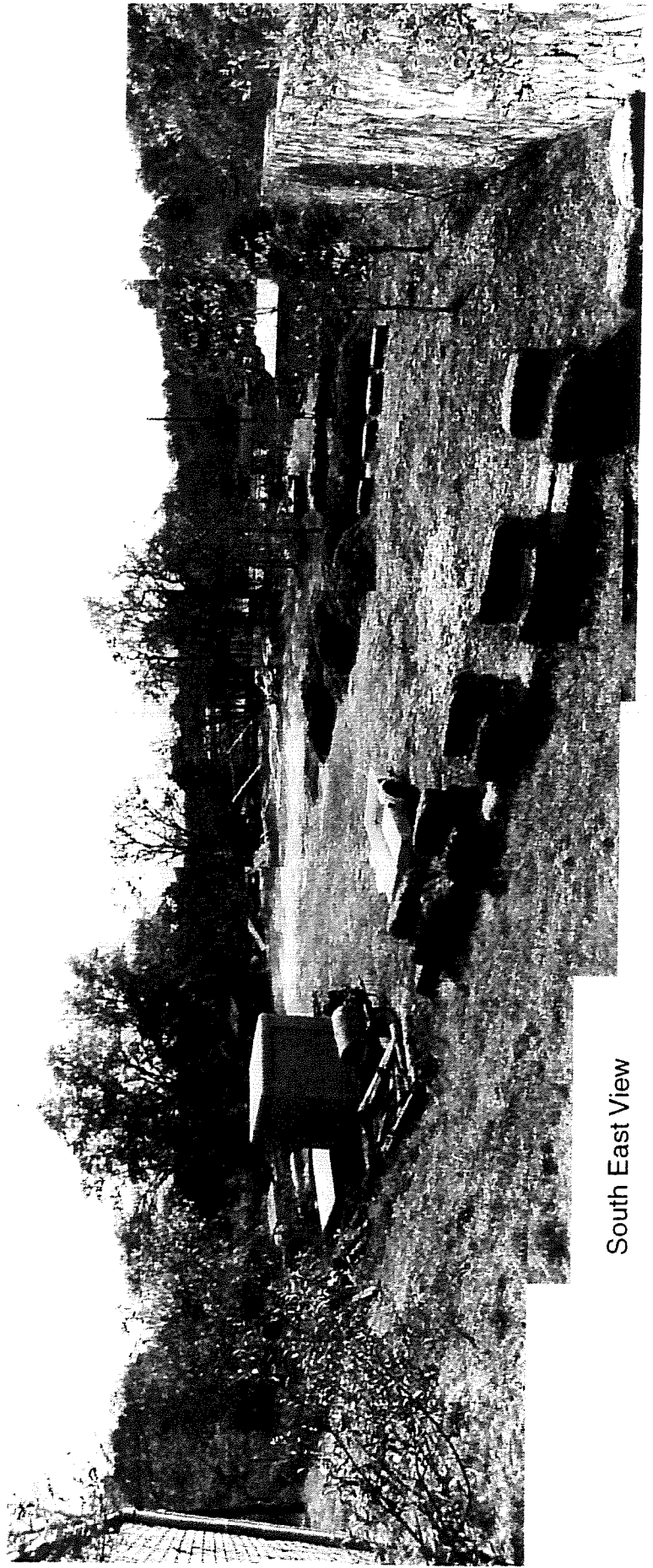
During the summer, the course will be used extensively by Austin Nature & Science Center camps, specifically Adventure II & I. For the remainder of the year, other public programs, community outreach and eventually school programs will use the course.

Summary:

The construction of a ropes course will turn this underutilized, neglected facility into a safe, fun recreational area. Austin Nature & Science Center will be able to expand its challenge and adventure programming and in the future add more elements to the course, including low and high challenges. The construction of a ropes course as described above would provide all the necessary components to strengthen the skills and confidence of its users.



North West View



South East View



AUSTIN NATURE AND SCIENCE CENTER

301 NATURE CENTER DR., AUSTIN, TX 78746

PHONE (512) 327-8181 FAX (512) 327-8745

DATE: May 1, 2000

TO: Jay Stone, Darrell Farr, Merv Griffin, Victor Davis, Roger Davis, Ernest Espinosa, Jason McCarty, Pedro Patlan

CC: Robert Armistead

FROM: Robin Gose

RE: ROPES course

The new low ROPES course, located at the Dry Creek Adventure Outpost at 2500 Rollingwood Drive, will be ready for use beginning May 15, 2000. Please read the following guidelines for its use.

1. All programs must be scheduled in advance. Call Robin Gose at 327-8181 x23 to schedule and to get gate combination.
2. There is a \$10/participant fee for use of the course, with a minimum of \$50. Non-PARD groups will be charged \$20/participant, with a minimum payment of \$160.
3. There must be at least 1 certified facilitator for every 8-12 people. You must have 2 facilitators to do the Wall. Maximum number of participants at one time is about 30 (this means 2 groups could go at the same time, if there are enough facilitators).
4. All equipment must be properly put away after program. All equipment should be clean and dry. For everyone's safety, please notify Robin immediately if there is any damage to the equipment or the elements.
5. Participants must stay within defined activity areas. Avoid the building and the porch. Do not enter fenced-off areas.
6. The gate must be locked when you leave the site.
7. Please do not drive vehicles into the Outpost. There is parking outside of the gate.
8. All participants, excluding employees, must have a signed liability waiver on file with PARD.
9. The following PARD employees have received ROPES facilitator certification as of April 15, 2000: Darrell Farr, Merv Griffin, Victor Davis, Roger Davis, Ernest Espinosa, Jason McCarty, Pedro Patlan, ~~Rachel Anderson, Robin Gose, Teresa McDonold, and Craig Blumenthal.~~
10. At this time we are not scheduling overnight programs.



Austn Nature and Scinece Center

compiled 12-10

Ropes Course Use--ANSC Summer Camps

Year	What	Day	Date	Time	# of people
2006	Summer Staff Training	Wed	17-May	9:00-5:00	30 adults
	Do not have a daily schedule of this summer. Ropes Course was used for older kids in camps.				
2007	Summer Staff Training	Wed	16-May	9:00-5:00	30 adults
	Do not have a daily schedule of this summer. Ropes course was used for older kids in camps.				
2008	Summer Staff Training	Wed	28-May	9:00-5:00	30 adults
	Archery	Mon	16-Jun	9:00-12	12 kids
	Archery	Tues	17-Jun	9:00-12	12 kids
	Ropes Course	Mon	23-Jun	9:00-12	12 kids
	Ropes Course	Tues	24-Jun	9:00-12	12 kids
	Archery	Wed	23-Jul	9:00-12	12 kids
	Ropes Course	Fri	8-Aug	9:00-12	12 kids
	Ropes Course	Wed	13-Aug	9:00-12	12 kids
	Ropes Course	Fri	14-Aug	9:00-12	12 kids
	Ropes Course	Tues	12-Aug	9:00-12	12 kids
2009	Summer Staff Training	Wed	28-May	10:00-3:00	30 adults
	Ropes Course	Mon	22-Jun	9:00-12	12 kids
	Ropes Course	Tues	23-Jun	9:00-12	24 kids
	Archery	Mon	15-Jun	9:00-12	12 kids
	Archery	Tues	16-Jun	9:00-12	12 kids
	Archery	Mon	20-Jul	9:00-12	12 kids
	Ropes Course	Mon	3-Aug	9:00-12	12 kids
	Ropes Course	Tues	4-Aug	9:00-12	24 kids
2010	Summer Staff Training	Wed	27-May	10:30-3	30 adults
	Archery	Mon	14-Jun	9:00-12	12 kids
	Archery	Fri	18-Jun	9:00-12	12 kids
	Archery	Mon	21-Jun	9:00-12	12 kids
	Ropes Course	Mon	21-Jun	9:00-12	12 kids
	Ropes Course	Tues	22-Jun	9:00-12	24 kids
	Archery	Tues	29-Jun	9:00-12	12 kids
	Ropes Course	Mon	2-Aug	9:00-12	12 kids
	Ropes Course	Tues	3-Aug	9:00-12	24 kids
	Archery	Wed	4-Aug	9:00-12	12 kids
	Archery	Tues	10-Aug	9:00-12	24 kids

**2004 SUPPLEMENTAL ASSESSMENT
LANDFILLS IN THE VICINITY OF AUSTIN, TEXAS**

Austin, Texas

Prepared for:

City of Austin Public Works Department

One Texas Center, Suite 900

505 Barton Springs Road

Austin, Texas 78704

March 2005

Project 10069

**2004 SUPPLEMENTAL ASSESSMENT
LANDFILLS IN THE VICINITY OF AUSTIN, TEXAS**

Austin, Texas

Prepared for:

City of Austin Public Works Department

One Texas Center, Suite 900
505 Barton Springs Road
Austin, Texas 78704

Prepared by:

Geomatrix Consultants, Inc.

5725 Hwy 290 West, Suite 200B
Austin, Texas 78735

March 2005

Project 10069

TABLE OF CONTENTS

	Page
EXECUTIVE SUMMARY	iii
1.0 INTRODUCTION	4
2.0 OBJECTIVES & SCOPE	6
3.0 IDENTIFIED CONDITIONS	8
3.1 #1, AIRPORT	8
3.2 #2, BALCONES RESEARCH CENTER.....	12
3.3 #3, BERGSTROM AIR FORCE BASE.....	13
3.4 #4, BERGSTROM AIR FORCE BASE.....	14
3.5 #5, BLUFF SPRINGS/KNUCKLES CROSSING	15
3.6 #6, BRINKLEY-ANDERSON.....	16
3.7 #7, BUTLER	18
3.8 #8, GROVE.....	18
3.9 #9, HIGHWAY 71, PRECINCT 3	20
3.10 #10, HOG HILL/HANDY'S.....	20
3.11 #11, INDUSTRIAL WASTE MATERIALS MANAGEMENT.....	21
3.12 #12, JONESTOWN, PRECINCT 2.....	22
3.13 #14, MABEL DAVIS	22
3.14 #15, MCGUIRE	24
3.15 #16, M. E. RUBY	25
3.16 #17, MONTOPOLIS BRIDGE	26
3.17 #18, MOSES GUERRERO.....	27
3.18 #19, OLD 290 LANDFILL.....	27
3.19 #20, SPRINKLE.....	28
3.20 #21, ST. STEPHEN'S.....	29
3.21 #25, TEXACO CHEMICAL COMPANY	29
3.22 #26, TURNER	30
3.23 #27, WEBBERVILLE-GOVALLE	31
3.24 #28, WHISENHUT.....	32
3.25 #29, WILD BASIN	33
3.26 #30, WINGFIELD AND # 33, HARMON	34
3.27 #31, WINN-COOK	35
3.28 #32, LOOP 360.....	36
4.0 RECOMMENDATIONS	38
5.0 ASSESSMENT LIMITATIONS.....	43

TABLES

Table 1	List of Landfill Sites Included in 2004 Supplemental Assessment
Table 2	Landfill Data
Table 3	References

FIGURES

Figure A	Landfill Location Map
Figures 1a through 33a	Individual Landfill Location Maps based on COA topo files provided with boundaries of landfills as shown in URM or other available reports.
Figures 1b through 33b	Individual Landfill Location Maps based on COA aerial files provided with boundaries of landfills as shown in URM or other available reports.

APPENDICES

Appendix A	Site Visit Forms
Appendix B	Site Photographs
Appendix C	URM Report

2004 SUPPLEMENTAL ASSESSMENT LANDFILLS IN THE VICINITY OF AUSTIN, TEXAS

EXECUTIVE SUMMARY

In 1984, the City of Austin (COA) retained Underground Resource Management (URM) to identify and locate waste disposal sites (i.e. landfills and dumps) in and around the City. As part of that effort, the COA also requested that URM gather available information to characterize environmental conditions or potential conditions, and provide recommendations, as appropriate. In October 2004, as part of the City's continuing efforts to monitor conditions associated with the vicinity landfills, the COA retained Geomatrix Consultants, Inc. (Geomatrix) to perform this Supplemental Assessment. The primary objective of this project was to update the current understanding of environmental conditions at each of the URM prioritized sites as well as others identified since the 1984 assessment and, where appropriate, provide recommendations regarding any additional actions that may be warranted to address identified environmental conditions that, in our opinion, may pose a material threat to human health or the environment or represent a regulatory violation.

To perform the Supplemental Assessment, Geomatrix reviewed readily available state and City file documents for 29 waste sites. Other documentation, including the data base of Closed or Abandoned Municipal Solid Waste Sites for Travis County prepared by SW Texas State University, were available but beyond the scope of this project. Site visits were conducted at 28 of the sites. Landfill #1, Airport was not visited because Geomatrix was already familiar with the site due to our recent work and experience at this site. Of the 29 sites assessed, 27 are inactive sites identified as priority sites in the URM report and two are new sites that were identified and added during the course of the Supplemental Assessment, at the request of the COA. The waste sites that were the subject of this assessment include both City-owned/operated and non-City-owned/operated sites.

Based on the information gathered and/or reviewed during this Supplemental Assessment, we have concluded that environmental conditions that may pose a material concern to human health or the environment, or conditions that may represent a regulatory violation, are present at several waste sites. For many of these sites, the owners are already addressing the identified concerns. For 13 of these sites, however, we have identified conditions that are not currently being addressed. For these sites, recommendations for additional investigation and/or

corrective actions are provided herein. At the remaining 16 sites, either environmental concerns have not been identified, are considered to have been adequately addressed, or are being addressed and, therefore, no new or additional investigation or corrective actions have been recommended. Recommendations for each individual site are tabulated in Section 4 of this report.

If the owner of property containing a landfill has not already done so, notice should be filed in the real property records of the existence of the landfill per 30 TAC 330, Subchapter T. Owners should also be advised to review the requirements for notification to buyers, lessees, and occupants as well as lease restrictions provided in 30 TAC 330, Subchapter T.

Five of the sites may have structures over the landfill which might require either registration or permitting in accordance with 30TAC Chapter 330, Subchapter T as follows:

- Enclosed structures developed prior to September 1, 1993, over deposited waste are required to obtain a registration following the requirements in 30 TAC §330.959.
- Enclosed structures developed after September 1, 1993, over deposited waste are required to obtain a permit for development following the requirements in 30 TAC §330.956.

These regulations apply to persons owning, leasing, or developing property or structures overlying a closed municipal solid waste landfill. Structures which are subject to these rules include any permanent enclosed structure intended for the use or occupation of people. The only structures excluded from these requirements are single-family homes or duplexes, unless they are part of a subdivision. A closed municipal solid waste facility includes permitted municipal solid waste landfills that are no longer in post-closure care, closed landfills that were developed before permitting requirements, and closed, unauthorized landfills.

Although many of the findings presented herein are considered material from an environmental perspective, within the limitations of this assessment, none of our findings indicate an obvious and imminent threat to public safety. We also report, however, that in response to the preliminary findings of this SA, the property owner of one of the landfill sites (Webberville-Govalle) has already expedited investigative actions and has discovered the presence of elevated levels of methane gas in the subsurface and is communicating findings with the appropriate regulatory agencies. These proactive measures taken by the property owner, illustrate the types of conditions that can exist undetected in the vicinity of closed landfill sites, and the importance of additional assessment, where warranted. Because most of the landfills

are not owned by the COA, we note that implementation of certain of our recommendations may be beyond the COA's control.

2004 SUPPLEMENTAL ASSESSMENT LANDFILLS IN THE VICINITY OF AUSTIN, TEXAS

1.0 INTRODUCTION

In 1984, the City of Austin (COA) retained Underground Resource Management (URM) to identify and locate active and inactive waste sites (landfills and dumps) in and around Austin. As part of that effort, the COA also requested that URM gather available information (e.g. waste types, geologic setting, etc.) to characterize environmental conditions or potential conditions, and provide recommendations accordingly. URM's assessment targeted all known or suspected waste sites in the area, including City-owned/operated and non-City owned/operated sites. URM's assessment resulted in the identification of 66 waste sites, 39 active and 27 inactive. Active and inactive landfill locations in the vicinity of Austin are shown on Figure A. The sites ranged in significance from large landfills or those with known hazardous contents, to small recreational area trash dumps. Based on their perceived environmental significance and accessibility, URM prioritized 31 (27 inactive and 4 active) of the 66 sites for field inspections, including environmental sampling and analyses being conducted at three of the sites. URM's assessment, including recommendations for further investigation and/or monitoring actions, as appropriate, was documented in their report titled *Landfills in the Vicinity of Austin, Texas, November 1984*.

Since the URM report, the COA has conducted a variety of assessment, remediation, and/or monitoring activities associated with certain of the identified landfills. In October 2004, as part of their continuing efforts to monitor conditions associated with the vicinity waste sites, the COA retained Geomatrix Consultants, Inc. (Geomatrix) to update the current information. As detailed herein, this Supplemental Assessment (SA) focused primarily on the 27 inactive priority sites identified by URM. During the course of our assessment, however, 2 new sites (i.e. sites not addressed in the URM report) were added at the request of the COA. The updated information provided by this SA will be used by the COA to evaluate the need for, and prioritize, further assessment or monitoring actions, and will also be useful in future decision making regarding land use planning.

Section 2 of this report discusses the SA objectives and scope of work. Section 3 provides a summary description of the conditions observed at each of the landfills, as well as a discussion of any pertinent information obtained from our file reviews. Section 4 of this report provides recommended actions for each landfill based on the results of our assessment. Section 5

presents the SA limitations. Supporting information and documents are provided in the attached Tables, Figures, and Appendices.

2.0 OBJECTIVES & SCOPE

This 2004 SA was designed to supplement the information contained in the 1984 URM report, with a particular focus toward assessing the waste sites for changed conditions that could represent a material environmental concern or regulatory violation. Where such conditions were identified, recommendations regarding additional actions have been developed. It is noted that this SA did not attempt to re-assess such waste site factors that would not have changed since the URM report, such as the waste site operational history, the types of wastes disposed, or the geologic/hydrogeologic setting or suitability.

The waste sites that were the focus of this Supplemental Assessment are listed with their respective URM reference numbers in Table 1. A summary of the pertinent landfill data is provided in Table 2. Landfill locations are shown on Figure A. The SA activities are described as follows:

- A review of pertinent city and state records, including aerial photographs, to aid in identifying possible past, current, or planned activities of potential interest (e.g. development, environmental monitoring, etc.) at or near the site. A summary of the records reviewed is provided as Table 3.
- Site inspections to assess for evidence of adverse environmental conditions (e.g. the presence of leachate, odors, excessive erosion, visible wastes, etc.), including the presence of structures built on or adjacent to the site and evidence of ongoing dumping.
- Photographic documentation of environmental conditions that were considered to represent, or potentially represent, a material environmental concern.
- Informal interviews with property owners, when available, to obtain site-specific information not otherwise available.

With regard to the site inspections, where permission to access the waste site property was granted by the current property owner, the inspections were made by walking the readily accessible portions of the properties. Where the property owner(s) were either unreachable, or did not grant access, however, the properties were viewed to the extent practicable from adjacent public properties, or adjacent private properties where access was granted.

The site inspections were designed to observe for conditions that could indicate an environmental concern or potential concern with regard to human health or the environment, or those conditions that could represent a regulatory violation (e.g. ongoing illegal dumping). These indicators included, but were not limited to:

- Site accessibility
- Cap/cover integrity, adequacy, and drainage
- Evidence of ongoing or recent illegal dumping
- Development on and around the site
- Observed presence of visible waste materials and/or leachate
- Evidence of vegetative stress
- Presence of near-by sensitive receptors

To provide consistency in the documentation of the observed site conditions, a detailed standardized Site Visit Form (SVF) was completed in the field at the time of each inspection. The information presented in the field SVFs were then transposed into a MS Word™ document for inclusion in this report in Appendix A. In addition, where environmental concerns were observed during the site inspections, photographs were taken. The photographs are referenced within the text of this report where applicable, and are included in Appendix B.

3.0 IDENTIFIED CONDITIONS

The following sections highlight the results of our site inspections and any pertinent information obtained from our record reviews and property owner interviews. For additional site-specific details regarding the results of the SA inspections, the reader is directed to the individual SVFs, which are provided in Appendix A. We again note that, because this report is designed to supplement the 1984 URM report, the following discussions do not attempt to re-present the information contained in the URM report in its entirety. For information regarding unchanged conditions or conditions that were not the focus of this assessment (e.g. site geologic/hydrogeologic setting), the reader is referred to the URM report, a copy of which is provided in Appendix C.

3.1 #1, AIRPORT

The City of Austin (COA) operated Robert Mueller Municipal Airport (RMMA) as a civil and military aviation facility continuously from 1929 until 1999. With the opening of the new Austin-Bergstrom International Airport in 1999, the COA terminated aviation operations at RMMA. As part of the RMMA closure process, the COA has performed environmental assessment and remediation of the property under the Texas Commission on Environmental Quality's (TCEQ's) Voluntary Cleanup Program (VCP). The goal of this assessment and remediation is to achieve regulatory environmental closure to facilitate the redevelopment of the property for both residential and commercial use. The current plans for redevelopment of the airport property include a multi-use neighborhood including single-family residential areas as well as commercial areas and a hospital.

During the extensive assessment and remediation activities performed at RMMA, three waste disposal areas were identified in addition to Landfill #1, the Airport Dump that is identified in the URM report. The RMMA investigation report identified these disposal areas as; WD1 (Landfill #1) and WD4, WD5, and WD7 (see Figures 1a and 1b). According to TCEQ records, three of the waste disposal areas were completely removed from the property in 2001 and 2002, and the fourth, WD7, is currently being investigated further. These waste disposal areas are further described in the following paragraphs.

#1a, Environmental Site WD1, Waste Disposal Area

WD1 is located on the southeast portion of RMMA near Manor Road and adjacent to the Long Term Parking Area (see Figures 1a and 1b). The landfill area is a mounded area located on an undulating grass-covered surface adjacent to the RMMA Perimeter Road. Although the exact

location and extent of WD1 as determined during remediation (see below) was slightly different from the Landfill #1 described in the URM report, WD1 does appear to be the same landfill as Landfill #1 based on other factors.

WD1 was reportedly used for the disposal of general wastes and demolition debris until 1964. Historical records indicate that waste was disposed in the WD1 area without current standard landfill construction and controls. There is minimal information regarding the types and amounts of waste disposed in this area. Assessment activities performed in the late 1990's by the COA indicated that buried waste materials were present between approximately 7 and 12 feet below ground surface, with approximately 4 feet of soil as a cap. Groundwater was encountered during the installation of soil borings at depths of 16 to 26 feet below ground surface.

Response actions performed by COA or its consultants at WD1 consisted primarily of the excavation and off-site disposal of soil and buried waste materials (see photos #1 and #2 for this landfill). Buried wastes were excavated from an elliptical area measuring approximately 300 feet long and 135 feet wide to a maximum depth of 10 feet. Analysis of final remedial confirmation samples indicated no detectable concentrations of BTEX, SVOCs, TPH, and inorganic constituents (i.e. metals) were not present at concentrations greater than the cleanup levels. Groundwater was not encountered in this area during response action activities. Remedial activities were completed at WD1 in February of 2002. Risk Reduction Standard No. 1 Closure criteria were met.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

#1b, Environmental Site WD4, COA Interdepartmental Fill Area

WD4 is located on the northeastern perimeter of RMMA near the National Guard Facility; adjacent to the intersection of Old Manor Road and 51st Street (see Figures 1a and 1b). The area was, until approximately 2000, utilized by the COA's Solid Waste Services as a staging area for street sweeper waste. Reportedly, the street sweepers would unload debris at this location for eventual transfer into trucks and transport to the municipal solid waste landfill. Buried waste materials were encountered in a circular area approximately 150 feet in diameter, and extending to a depth of approximately 3 feet below the present surface. The waste

materials at this location consisted of plastic, paper, and scrap metal, similar to the materials observed in the street sweeper waste piles.

The shallow soils and fill materials overlie the Taylor Formation at this location. No groundwater was encountered during the installation of soil borings or during remedial activities.

At the request of the COA, the response action was expedited at this site to allow immediate redevelopment by the COA as an Emergency Communication Center. Response actions performed at WD4 consisted primarily of the excavation and off-site disposal of soil and buried waste materials (see photo #3 for this landfill). Analysis of remedial confirmation samples indicated the presence of mercury and selenium in the excavation floor and sidewalls at concentrations slightly greater than the site-specific background concentrations. However, there are no other corresponding chemical or visual indications of environmental impact, and these exceedances were considered to be a localized variation in background levels. No organic compounds were detected in the confirmation samples. Risk Reduction Standard No. 1 Closure criteria were met.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

#1c, Environmental Site WD5, Former Asphalt Plant Tailings / Ash Disposal Pit

WD5 is located on the eastern portion of RMMA near the northwestern end of the former Remote Parking Area (see Figures 1a and 1b). WD5 is located on an undulating grass-covered surface adjacent to the RMMA Perimeter Road.

The landfill area was reportedly used for the disposal of tailings and ash generated by an on-property asphalt plant until the early 1970s. Historical records indicate that waste was disposed in this area without current standard landfill construction and controls. Waste materials consist of wood, asphalt, vegetation, concrete rubble, rubber, and small quantities of other materials. Assessment activities indicated that buried waste materials were present in a roughly circular area approximately 150 feet in diameter, and extending to a depth of approximately 10 feet.

During the assessment phase, monitoring well WD5-MW-03 was installed adjacent to WD5. Toluene was detected in a soil sample collected at a depth of 15 feet during well installation.

The installed monitoring well was located in the area of a local bedrock high, and groundwater was not present.

Response actions by COA or its consultants consisted primarily of the excavation and disposal of soil and buried waste materials (see photos #4 through #6 for this landfill). Analysis of final confirmation samples indicated that constituents of concern were not present at concentrations greater than the cleanup levels. In conjunction with the WD5 response action, WD5-MW-03 was plugged and abandoned, and the soil around the well was excavated and disposed.

Groundwater was not encountered in this area during response action activities. Remedial activities were completed at WD1 in February of 2002. Risk Reduction Standard No. 1 Closure criteria were met.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

#1d, Environmental Site WD7, Waste Disposal Area

WD7 is located on the northern portion of RMMA near East 51st Street and extends below pavement and Buildings 2662, 2494, and 2498 (see Figures 1a and 1b and photos #7 through #9 for this landfill). The full aerial extent and depth of this landfill has yet to be determined.

WD7 is located within the Tannehill Branch watershed. The exact dates the landfill was in use are not known. Based on available historical information, the former landfill consists of a gravel borrow pit excavated during airport construction in the 1940s and 1950s. The pit was apparently used for disposal of general “household” trash and construction debris starting in the 1950s, and was then covered over with fill soil in the early to mid 1960s.

Landfill gas (primarily methane) is present in this area, and is currently being monitored. A plume of impacted groundwater is present at and immediately downgradient of the disposal area.

Seven groundwater monitoring wells were installed and tested and groundwater in this area was determined to contain elevated levels of metals and organics. All groundwater constituents present at levels above background are below residential Medium-Specific Concentrations (MSCs), except arsenic, which exceeds residential and industrial MSCs.

Long-term engineering controls are proposed to be implemented for site WD7, following completion of a Conceptual Exposure Assessment Model and development of a Remedial Action Plan. The COA is currently preparing an application for registration with the TCEQ of the buildings above the landfill, pursuant to the requirements specified in 30 TAC §§330.951 – 330.963 (Chapter 330, Subchapter T: Use of Land Over Closed Municipal Solid Waste Landfills). The Subchapter T registration application addresses monitoring and venting of landfill gases and site operating requirements to meet TCEQ standards for municipal solid waste landfills with enclosed structures located above the buried waste.

Based on the information reviewed during this SA, beyond those conditions already being addressed by the COA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.2 #2, BALCONES RESEARCH CENTER

The Balcones Research Center landfill is owned by the University of Texas and is located in northwest Austin, at 10,000 Burnet Road. The acid neutralization waste site and the radioactive waste disposal area remain essentially as they are described in the URM report, with the exception that the acid neutralization waste site (aka lime slurry disposal area) is no longer active. The University of Texas's Balcones Research Center Staff have indicated that, although attempts have been made by staff to locate the buried research monkey waste that is reported in the 1984 URM report, they have been unable to do so. The locations of the two known disposal areas are shown on Figure 2a.

The radioactive waste disposal area (site #2a) is a grassy, level area enclosed by a chain link fence. Inside the fenced area are three small storage buildings (see photos #1 and #2 for this landfill). Two of the storage buildings are used to store miscellaneous equipment and materials. No chemicals or hazardous materials are stored in these buildings. The third (largest) building is used to store low level radioactive waste prior to its shipment and disposal off site at an authorized facility. In August 2001, (Reference # 34), the TCEQ determined that the radioactive waste disposal area is in compliance with the requirements of 30 TAC 336, subchapter G (relating to the licensing requirements and decommissioning standards for inactive radioactive waste disposal sites), and that the disposal area meets the decommissioning standards for Unrestricted Use, and that no further cleanup is required.

The acid neutralization waste area (site #2b) is partially covered with grass and weeds, with large areas of white chalky-appearing material with little or no plant growth (see photo #3 for

this landfill). The acid neutralization waste area In July 2004, the TCEQ accepted the acid neutralization waste site into the Voluntary Cleanup Program (VCP). Balcones Research Center is moving through the closure process within the VCP program and is currently in the process of evaluating what approach would be most appropriate for this site.

Based on the information reviewed during this SA, beyond those conditions already being addressed by the UT Balcones Research Center, current conditions associated with this site do not appear to pose a material concern to human health, or the environment, or represent a regulatory violation.

3.3 #3, BERGSTROM AIR FORCE BASE

The Bergstrom Air Force Base landfills are on property owned by the Austin and are located in southwest Austin, at the Austin-Begstrom International Airport. Bergstrom Air Force Base was closed in 1984. As part of the base closure, numerous waste areas were investigated and remediated. Post-closure care for these landfills includes soil gas venting and groundwater monitoring. Following closure of the air force base, the property was purchased by the City of Austin for the construction of the airport present there today.

Landfill # 3 includes five landfilling areas identified as Landfills 03, 04, 05, 06, and 07 by the Air Force. Each of these landfills was investigated in 1994 as part of the base closure, and was closed under the Installation Restoration Program. These landfills are located in close proximity to each other on the eastern portion of the property, near FM 973 (Figures 3a and 3b). The landfills, their approximate size, and period of operation are:

<u>Landfill</u>	<u>Acres</u>	<u>Period of Operation</u>
03	10	1952 – 1957
04	10	1957 – 1965
05	12	1965 – 1971
06	12	1971 – 1976
07	7	1976 – 1980

Following the completion of remediation activities and base closure, the property was sold to the COA. The COA has since redeveloped the property as a municipal airport. The landfills are located within Airport property and, therefore, are not accessible by the general public.

Landfills 03, 04, 05, 06, and 07 received primarily domestic solid waste, but also construction debris and possibly empty pesticide containers, paint cans, and incidental quantities of waste paints, thinners, and other materials from the industrial shops area. The wastes were burned and then buried in trenches. Reportedly, two asphalt storage tanks also had been located at Landfill 05. No staining, vegetative stress, or other indicators that these tanks had leaked were observed during the investigations performed as part of the Base closure in 1994 (Reference #36). Seven abandoned 55-gallon drums of DDT were reportedly found at and removed from Landfill 06 in the early 1970's. Four additional abandoned drums were reported found and removed in 1983. A small quantity of antifreeze also was reportedly poured into Landfill 07 in 1978.

At the time of the site visit conducted for this SA, the landfills were capped, well graded and grass covered. The grass appeared to be mowed regularly. No trees or shrubs were growing on the landfill caps. Landfills 03 and 04 are bound on the west by the Bergstrom Municipal Golf Course, on the north by a correctional facility, and on the south by Landfill 05 and undeveloped property containing a pond. The east side is bound by FM 973 with agricultural land across FM 973. Landfills 05, 06, and 07 are separated by large grass covered drainage channels (see photos #1 and #2 for this landfill). Landfills 05, 06, and 07 are bound on the west by airport runways, on the east by FM 973 and undeveloped land, and on the south by undeveloped land. The nearest structure to the landfills is an FAA Tower constructed immediately north of Landfill 05. The FAA tower was constructed as part of the conversion of the Air Force Base into a municipal airport facility. Extensive soil and soil gas sampling were performed at the proposed tower site prior to its construction to evaluate potential safety issues as a result of landfill gas. The investigations concluded that landfill gas was not present in concentrations that presented a safety issue at this location.

Based on the information reviewed during this SA, beyond those conditions already addressed by the Air Force and/or known by the COA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.4 #4, BERGSTROM AIR FORCE BASE

The Bergstrom Air Force Base landfills are on property owned by the Austin and are located in southwest Austin, at the Austin-Begstrom International Airport. Bergstrom Air Force Base was closed in 1984. As part of the base closure, numerous waste areas were investigated and

remediated. Post-closure care for these landfills includes groundwater monitoring. Following closure of the air force base, the property was purchased by the City of Austin for the construction of the airport present there today.

As indicated previously, as part of the Base closure, numerous waste areas were investigated and remediated. Landfill # 4 includes two landfilling areas identified as Landfills 01 and 02 by the Air Force (Figure 4a and 4b). Both of these landfills were investigated in 1994 as part of the Base closure, and were closed under the Installation Restoration Program. Following the completion of remediation activities and Base closure, the property was sold to the COA. The COA has since redeveloped the property as a municipal airport. The landfills are located within Airport property, and therefore are not accessible by the general public.

Landfill 01 was reported to have been operated from 1943 to 1946 and is approximately 2 acres in size. The landfill reportedly received empty pesticide containers, paint cans, and incidental quantities of waste paints, thinners, solvents, and oils from the industrial shops area. The material was reportedly burned and then placed in trenches and buried. Landfill 01 is located on the western end of the cargo hangers, and is adjacent to parking areas and a taxiway. The landfill has been graded smooth, and has been capped with asphalt. There are no structures on this landfill (see photo #2 for this landfill).

Landfill 02 was reported to have been operated from 1946 to 1952 and was approximately 16 acres in size. The landfill reportedly received primarily domestic waste, but also received other materials that may have included empty pesticide containers, paint cans, and incidental quantities of waste paints, thinners, solvents, and oils from the industrial shops area. Landfill 02 is located on the north end of the runway that parallels Hwy 183. A taxi-way crosses the southern end of the landfill. The landfill has been graded smooth, and the portions not covered by the concrete taxi-way have been capped with asphalt (see photo #1 for this landfill). With the exception of the runway portions, there are no structures on or near this landfill.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.5 #5, BLUFF SPRINGS/KNUCKLES CROSSING

The Bluff Springs/Knuckles Crossing landfill is owned by a private entity and is located in south Austin, at 9000 Knuckles Crossing. This site remains essentially unchanged from the

conditions described in the 1984 URM report with the exception that the property owner is using the property to store various equipment and materials (see photos #1 through #4 for this landfill). No residences or permanent structures are present at the site (Figures 5a and 5b). The site is overgrown with weeds and brush. The remote site is fenced and gated, restricting public access.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.6 #6, BRINKLEY-ANDERSON

The Brinkley-Anderson landfill has been subdivided and is owned by several private entities. The landfill is located in northeast Austin just west of Hwy 183, at 21,000 Anderson Lane. Reportedly, the City of Austin operated one portion of the landfill and Travis County operated another. Although there is some uncertainty about which portion was operated by the City or County, the 1984 URM report indicates that landfilling on the west side of the creek was operated by the COA, and the landfilling on the east side of the creek was operated by Travis County. The area around the Brinkley-Anderson landfill (aka the Little Walnut Creek Landfill) has been developed extensively since 1984. Additional studies performed since 1984 indicate that the landfill extends further north of that shown in the 1984 URM report (see Figure 6a and 6b). The surface of the portion of the landfill at Exchange Drive and Centre Plaza is elevated approximately 10 feet above the surrounding ground surface. The material above the surrounding natural grade is reported to be spoil material placed at this location by the developer of surrounding properties. Borings advanced indicate that landfill materials do lie below the natural grade at this location.

Portions of the landfill along the east side of Walnut Creek and north of Salado at Walnut Creek (previously named Watersbend) Apartments are hummocky, indicative of differential settlement typical of landfills. Seeps, as are described in the 1984 URM report, are still present along the embankments of Walnut Creek (see photo #4 for this landfill). Erosion along the embankment of Walnut Creek has exposed landfill materials in several places (see photos #1 and #2 for this landfill). There are also areas of minor erosion occurring along the western slope of the spoil material. Other than landfill materials exposed by erosion along the creek banks, no landfill wastes were observed and there was no evidence that illegal dumping is occurring.

Several large office complexes have been developed along the west and north sides of the landfill. A day care center is located immediately north of the landfill along Exchange Drive. A semi-active soil venting system has recently been installed at the day care center along the property line shared by the landfill. The Salado at Walnut Creek Apartments are located adjacent to and above portions of the landfill. This apartment complex is registered under 30 TAC 330, Subchapter T as a structure over a landfill (Reference #19). The Salado at Walnut Creek apartment complex includes a site-wide semi-active soil venting system, as well as active gas monitors and alarm system within each ground-floor apartment.

Various investigations and studies (References # 12, 13, 14, and 15) have been performed since 1984. The most recent was performed in 2004. Investigation activities performed included placing borings through the landfill, groundwater sampling, leachate sampling, and soil gas sampling. Investigations detected the presence of benzene, aldrin, PCBs, TPH, and metals in the groundwater at concentrations that exceed the Texas Risk Reduction Program (TRRP) Tier 1 Groundwater Protective Concentration Levels (PCLs). Leachate (seep) and surface water sampling indicated that the concentrations of metals, VOCs, pesticides and PCBS are similar to those detected in the groundwater samples collected, but are not at levels hazardous to human health. Soil gas sampling indicated elevated concentrations of methane typical for landfills, primarily in the central and eastern portions of the landfill.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to the landfill,
- exposed landfill materials due to erosion at the stream bank,
- presence of Walnut Creek within the landfill,
- presence of seeps/ leachate from the landfill, and
- unrestricted public access.

Although certain actions are being, and have been, implemented to address certain of the cited concerns, as described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site.

3.7 #7, BUTLER

The Butler landfill is owned by the City of Austin and is located in south Austin along the shore of Town Lake and the MoPac bridge. The Butler landfill remains essentially as described by URM in 1984. The portion of the landfill east of the MoPac Bridge appears to have had some grading improvements, but ponding still occurs at the eastern end where the hike and bike trail approaches Lou Neff Road (see photos #1, 2, and #13 for this landfill). The area west of the bridge exhibits erosion along the banks of Eanes Creek and Town Lake which has resulted in the exposure of landfill materials (Figures 7a and 7b). Stockpiles of fill material and four 55-gallon drums of what appeared to be monitoring well purge water were stored in the area west of the bridge (see photos #11 and #12 for this landfill). No evidence of illegal dumping was evident.

Since 1984, the COA has conducted field investigations and a risk assessment for groundwater. Three monitoring wells have been installed; 2 east of the MoPac bridge, 1 west of the MoPac bridge. Design of erosion control improvements and remediation of the exposed landfill waste at Eanes Creek is currently in progress, with construction scheduled to begin in 2005 (see photos #4, 5, and #10 for this landfill).

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future concern to human health or the environment, based on the following factors:

- proximity of recreational uses to landfill,
- exposed landfill materials due to erosion at the stream and river banks,
- unrestricted public access.

Based on the actions already being undertaken by the COA at this site, as described in Section 4 of this report, no additional actions have been recommended.

3.8 #8, GROVE

The Grove landfill is owned by a non-profit agency, and is located in south Austin, at 500 Kemp Street. The site is relatively unchanged from the description provided by URM in 1984 (Figures 8a and 8b). The landfill surface is hummocky, indicative of differential settlement typical of landfills. The landfill surface is grass covered with a few small trees (see photos #1, 2, and #8 for this landfill). The land immediately surrounding the landfill is heavily wooded.

Depressions that would tend to retain rainfall runoff are located on the landfill surface. The land on the east side of the landfill slopes steeply upward, 15 to 20 feet, to residential properties. This slope between the residences and the landfill is covered with construction debris, tires, appliance, house hold trash, etc. that appear to be long term and on-going illegal dumping (see photos #10 through #13 for this landfill). Apparent illegal dumping is most severe at locations where dead end roads terminate above the landfill. A seep was present during the site visit on the slope above the landfill (see photos #16 and #17 for this landfill). The land on the west side of the landfill slopes steeply downward to Country Club Creek (see photos #5, 6, and #9 for this landfill). The slopes and heavily wooded nature of the creek channel make the creek bottom inaccessible to vehicles. A large shallow pond is present in the creek bed of Country Club Creek. A rusted 55-gallon drum is present within the pond. The creek bottom is littered with cans, plastic bottles and drink cups that appear to have been washed down from upstream areas during rain events. Large blocks of concrete rubble lie half buried in the creek bottom below the landfill (see photos #3 and #4 for this landfill). Large sections of concrete pipe lie half buried in the southwestern end of the landfill (see photo #14 for this landfill).

Since 1984 several groundwater and soil investigations have been conducted in regard to this site (References # 8, 9, 10, and 20). Soil borings advanced in 1984 indicated the depth of landfill material to be as much as 16.5 feet, and groundwater ranged in depth from 6 feet to approximately 25 feet below ground surface. Three monitoring wells installed in 2001 detected 1,4 dichlorobenzene, chlorobenzene, naphthalene, and barium in the groundwater at concentrations less than the TRRP Residential Tier 1 Groundwater PCLs.

The Grove Landfill site was entered in the VCP program as VCP site Number G020. Correspondence from the TCEQ to the COA dated July 19, 2001 indicates that the site was eligible for a Certificate of Completion under the VCP program following removal of the drum in the creek area, and removal and disposal of the appliances, tires, and miscellaneous construction-like debris (apparently inert) in the southeastern portion of the property. Based on observations made during the site visit conducted for this report, however, it does not appear that the actions required for a Certificate of Completion have been completed.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to the landfill,
- presence of surface water bodies within the landfill,
- presence of exposed landfill materials in streambed below the landfill,
- presence of seeps/ leachate from the landfill, and
- unrestricted public access.

In addition, based on the apparently on-going illegal dumping, this site may represent a regulatory violation. As described in Section 4 of this report, based on these findings, additional actions may be warranted at this site.

3.9 #9, HIGHWAY 71, PRECINCT 3

The Highway 71 landfill is owned by a private entity, and is located west of Austin, on Hwy 71 approximately 1.5 miles west of Hamilton Pool Road. The Precinct 3 landfill appears today essentially as described in the 1984 URM report (see Figures 9a and 9b). The rural site is grass covered with scattered small trees (see photos #1 through #4 for this landfill). The site is fenced to restrict public access. There is very limited exposed landfill waste, the site has been roughly graded but still has low areas that could collect rainfall runoff. The COA map (see Figure 9a) indicates the head waters of Limekiln Branch Creek begins just upstream of the site, and crosses through the site. During the site visit, no stream flow was observed across the site, and there was no well defined stream channel. No significant erosion or leachate was observed. Travis County Parks and Natural Resources Department is currently requesting funding from the County to perform cap and drainage improvements at this landfill.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material threat to human health or the environment, or represent a regulatory violation.

3.10 #10, HOG HILL/HANDY'S

The Hog Hill landfill is owned by a private entity, and is located in east Austin, at 6410 Harold Court, just west of Hwy 183. Hog Hill/Handy's appears today essentially as described in the 1984 URM report, however, significant amounts of on-going illegal dumping is apparent. The landfill is located on one or both of two adjacent land tracts owned by Mr. Emmitt Jones; lot #52 (Travis County Account Number 0207240229), and lot #53 (Travis County Account Number 0207240230). Access to the tracts is through lot #52, identified as 3110 Harold Court

by a sign on the entrance gate. There is a single residence and a storage shed located on lot #52 (see Photos 7 and 8). It is not clear from observations of the site whether this residence has been constructed over landfill material or not. Recent trash and debris (generally inert) have been dumped in significant quantities down a slope on the west side of the two properties (see photos #1 through #6 for this landfill). This slope leads to an unnamed tributary to Fort Branch Creek. Evidence of the recent nature of the dumping include tree limbs and brush freshly broken or pushed over by debris with leaves still green (see photo # 2 for this landfill). See Figures 10a and 10b.

The East MLK Neighborhood Plan (Reference # 30) lists conditions at this landfill as a limiting constraint to development in the area. The plan proposes to allow mixed use development in the vicinity of the site, and mixed residential to the west and commercial use to the south and east.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- significant amounts of illegal dumping,
- proximity of drainage way to on-going illegal dumping.

In addition to the environmental concerns, the illegal dumping that is on-going at this site may represent a regulatory violation. As described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site.

3.11 #11, INDUSTRIAL WASTE MATERIALS MANAGEMENT

The Industrial Waste Materials Management landfill is owned by a commercial entity, and is located in northeast Austin, at Hwy 290 and Giles Road. The Industrial Waste Materials Management landfill appears today essentially as described in the 1984 URM report. The closed landfill site is situated within an active landfill and near several other active and closed commercial landfills (See Figures 11a and 11b). The landfill is evident as a raised cap and is well graded with a grass cover (see photos #1 and #3 for this landfill). No trees or brush are growing on the landfill surface. The site is fenced to restrict public access.

This closed site is monitored by Waste Management Inc. under an agreement with the City of Austin that requires groundwater monitoring and periodic inspection of the adjacent creek bank for seeps and erosion. The surrounding active landfill (WMI, Austin Community Disposal Landfill) operates a leachate collection system and a soil gas venting system.

Based on the information reviewed during this SA, beyond those conditions already being addressed by Waste Management Inc., current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.12 #12, JONESTOWN, PRECINCT 2

The Jonestown landfill is owned by a private entity, and is located northwest of Austin, at FM 1431 and Williamson Road. The Precinct 2 landfill is much as described by URM in 1984, except the 10-foot quarry wall visible on the southwest side in 1984 was not observed during the site visit conducted for this report. The owner reports the area of landfill to be approximately six acres (Figure 12a). The site is fenced and has a locking gate. The landfill is evident as a raised grass-covered mound with a few scattered trees (see photos #1 through #6 for this landfill). The landfill surface is gently undulating as a result of subsidence. Travis County Parks and Natural Resources Department is currently requesting funding from the County to perform cap and drainage improvements at this landfill.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.13 #14, MABEL DAVIS

Mabel Davis landfill is located in south Austin along Parker Lane. The portion of Mabel Davis landfill east of Parker Lane is owned by the City of Austin, and is located at 3,500 Parker Lane. The portion of Mabel Davis landfill west of Parker Lane has been subdivided and developed and is owned by private entities. The location map for this landfill in the 1984 URM report shows the area of the landfill as undeveloped. Today the portion of the landfill east of Parker Lane has been developed as a neighborhood park and the portion of the landfill west of Parker Lane is now densely developed with apartment complexes. Another apartment complex has been constructed immediately adjacent to the landfill on the northern side of the landfill east of Parker Lane (see Figures 14a and 14b). COA inspection findings in 1992 (Reference #4)

indicate that the apartments north of the landfill were checked for methane by the Fire Department and no methane was detected. The apartments west of Parker Lane have been evaluated and a soil gas venting system has been installed.

As in 1984, the far eastern park property is bordered by residential properties. The southwestern end of the park property is developed with a paved parking lot, baseball field, swimming pool, picnic areas and a basketball court. The remainder of the park property is heavily wooded with a north-south gravel walk path along West Country Club Creek, which passes through the park. An unnamed tributary to West Country Club Creek flows from Parker Lane eastward through the park property and landfill to join West Country Club Creek in the northeastern portion of the park property. Stream flow increased across the site indicating that leachate was likely contributing to the creek flow. There is a pond on park property downstream of the confluence of the creeks (see photo #4 for this landfill).

At the time of the SA inspection, the park had been enclosed by a chain link fence to prevent access except for the parking lot and swimming pool. However, it was observed that the fence at the creek crossings, and a long section of fence between the park and the apartments to the north, was down. Also, landfill wastes were observed along the unnamed tributary, both on the land surface and in erosional areas located along the stream banks (see photos #1 through #3 for this landfill). Elongated ridges were observed in an open field north of the park basketball court, indicating the presence of landfill trench cells. Several groundwater monitoring wells, and clusters of wells were observed in various portions of the park property.

Investigations performed by the COA in 1999 and 2000 indicated the presence of elevated concentrations of lead and pesticides in a number of areas of the park. As a result of these findings, the park, except for the pool, was closed to the public. The site was accepted into the VCP program, and an Affected Property Assessment Report (APAR) was submitted to the TCEQ for review in 2002. The COA is moving forward with remediation designs, and remediation is expected to begin in the fall of 2004.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- unknown extent of landfill below structures west of Parker Lane,

- exposed landfill materials due to erosion at the stream banks,
- presence of West Country Club Creek within the landfill,
- presence of seeps/ leachate from the landfill, and
- compromised security fence.

The COA has initiated substantial investigation and corrective action efforts to address the identified concerns within the park boundaries. Therefore, the environmental concerns within the park boundaries are considered to have been adequately addressed and no new or additional investigation or corrective actions have been recommended. However, if the apartments west of Parker Lane, are located over the landfill, they should be registered or permitted under Subchapter T, TAC 330. As described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site.

3.14 #15, MCGUIRE

The McGuire landfill is owned by the University of Texas, and is located in south Austin, at 4500 Freidrich Lane. The location map for this landfill in the 1984 URM report shows the area of the landfill and surrounding properties as undeveloped. Today commercial developments are located adjacent to the north, east, and west, of the site. In addition, immediately south of the site is an apartment complex and a church (see Figures 15a and 15b). A water quality pond is currently under construction on COA property immediately north of the site at Freidrich Lane and the easement for Sponberg Road (see photo #6 for this landfill). Reportedly, some landfill waste was excavated and disposed of from this location in 1992 to accommodate the construction of a building and this water quality pond. Soil gas sampling performed prior to the removal of the waste and construction of the building and pond indicated a 4 to 6-foot layer of landfill waste with approximately 4 feet of cover across this approximately ½ acre area (References #32 and #33).

The 1984 URM report indicated that the landfill surface contained undulating ridges 6 to 10 feet high spaced 50 to 80 feet apart. Reportedly, in 1988 clean fill from the SEMATECH and Wal-Mart construction projects was placed to level the site. Today, the site appears to be roughly graded, although there is still some evidence of ridges (see photos #1 and #2 for this landfill). There are some medium sized trees and brush along a drainage way near the center of the site (see photos #3 through #5 for this landfill).

The URM report estimated the size of the landfill to be approximately 13 acres. Several investigations have been performed at this property and adjacent properties to delineate the extent of the landfill. Partial copies of these reports (primarily figures and data tables) were provided to Geomatrix by the property owner at the time of the site visit (Reference Items 24 through 27). The investigations indicated that the depth of trash extends from approximately 5 to 20 feet below ground surface and covers an area of approximately 7 acres, as shown on Figures 15a and 15b. Shallow groundwater is reported at depths of 3 to 17 feet below the ground surface.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to the landfill,
- presence of surface water bodies within the boundary of the landfill,
- unrestricted public access.

As described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site.

3.15 #16, M. E. RUBY

The M.E. Ruby landfill is owned by a private entity, and is located in north Austin, at 4,400 Braker Lane. Attempts to contact the property owner were unsuccessful and, therefore, field observations were made from the publicly accessible areas of the property. The location map for this landfill in the 1984 URM report shows the area of the landfill and surrounding properties as undeveloped. Today the landfill property, located in the northeastern corner of the intersection of Braker Lane and Seton Center Drive, is completely developed (Figures 16a and 16b). A large office building has been constructed on the landfill site, including a stormwater detention and filtration pond (see photos #1 through #3 for this landfill). An apartment complex has been constructed immediately north of the site, and commercial properties are located west and southwest of the site. Immediately east of the site is a large pond with a jogging trail around the perimeter. The pond, with its tall limestone bluffs, appears to be located in the portion of the quarry not filled with waste materials (see photo #5 for this landfill). There are several ridges of soil and trees in the open grassy area between an office building constructed on the landfill property and the quarry pond (see photos #1 and #2 for this

landfill). It is not clear whether these are due to landfill settlement or landscaping. There was no evidence of exposed landfill materials or illegal dumping. Anecdotal evidence suggests that all or a portion of the landfill may have been excavated and disposed off site at the time the office building was constructed, however, the property owner could not be reached for confirmation.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- presence of surface water body adjacent to the landfill used for recreational purposes,
- unrestricted public access.

In addition, if the building is located over the landfill, it should be registered or permitted under Subchapter T, TAC 330. As described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site.

3.16 #17, MONTOPOLIS BRIDGE

The Montopolis Bridge landfill is located in southeast Austin, along the north bank of the Colorado River just west of the Montopolis Bridge. Since 1984, the property was purchased by the COA and has been designated as the Colorado River Preserve. The property is much as described by URM in 1984. The URM report indicates that the site was an area of illegal surface dumping rather than an operated landfill where materials were buried below grade. Although the URM report indicates that the property was cleaned up by the property owner, there are still large pieces of concrete and other debris scattered and partially buried across the site. Because materials were reportedly dumped on the surface, it isn't anticipated that the depth of trash and debris is very deep, and that burial is the result of natural processes. The site is a low lying area adjacent to the river and appears to be periodically inundated (Figures 17a and 17b). The site is heavily wooded with areas of marshy soil. A couple of large underground cavities were noted during the site walk (see photos #3, 4, 5, and #10 for this landfill). An abandoned car was partially submerged in the large river inlet into the preserve. Several piles of trash and debris were present on the property near the Montopolis Bridge that appear to be more recent illegal dumping (see photo #8 for this landfill).

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to the landfill,
- exposed waste materials,
- presence of surface water and groundwater in contact with the landfill,
- presence of seeps from the landfill that may be in contact with buried waste material if present, and
- unrestricted public access.

Based on the apparently on-going illegal dumping, this site may also represent a regulatory violation. As described in Section 4 of this report, based on these findings, additional actions may be warranted at this site.

3.17 #18, MOSES GUERRERO

The Moses Guerrero landfill is owned by a private entity, and is located in southeast Austin, at 6,000 Hwy 183 South. Attempts to contact the property owner for permission to access the site were unsuccessful and, therefore, field observations were made from Hillmore Drive. At the time of the site visit the site appeared to be graded and grass covered, with some shallow depressions that could collect runoff (see photos #1 and #2 for this landfill). The site had been recently mown. Some clumps of small trees and bushes are growing on the site. The area is still rural with scattered residences (Figures 18a and 18b). Several residences are present north of the site across Hillmore Drive. No evidence of landfill wastes or illegal dumping was observed.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.18 #19, OLD 290 LANDFILL

The Old 290 landfill is owned by Travis County, and is located in northeast Austin, on Hwy 290 at Giles Road. The Old 290 landfill (see Figures 19a and 19b) is essentially as described by URM in 1984. The landfill today appears as an elevated fairly well graded cap. As

described by URM, a flea market complex is located and still in operation on a portion of the landfill surface (see Figure 19b). The undulating roof and floor line of the flea market structures and parking lots indicate subsidence has occurred (see photos #1, 3, and #4 for this landfill). Two low spots, one in the middle of the flea market complex and one in the parking lot, collect rainfall. Inside the flea market complex, near the low spot, an area of exposed landfill debris is present (see photo #2 for this landfill).

The closed landfill is managed by Travis County. Post-closure care activities include on-going groundwater monitoring and leachate collection. Collected leachate is disposed of at the COA's wastewater collection system. The county has indicated that drainage improvements to the site are planned. These drainage improvements will include a French drain system designed to collect shallow groundwater that will be pumped to the leachate collection system. Major improvements to repair subsidence problems are planned for fiscal year 2004.

Based on the information reviewed during this SA, beyond those conditions currently being addressed by Travis County, current conditions associated with this site do not appear to pose a material threat to human health or the environment, or represent a regulatory violation.

3.19 #20, SPRINKLE

The Sprinkle landfill is owned by a private entity, and is located northeast Austin, at 11015 Sprinkle Cutoff Road. The site is essentially as described by URM in 1984. The properties surrounding the landfill remain rural and undeveloped (Figures 20a and 20b). The site is fenced and has a locking gate. At the time of the SA inspection, the site was grass covered with ridges caused by subsidence evident across much of the landfill (see photos #1 and #2 for this landfill). Two large radio antennae and a small portable storage/maintenance building have been erected on the site (see photo #5 for this landfill). The only evidence of landfill debris was some small piles of broken concrete block and other construction debris on the southeastern portion of the site and a few scattered cans and bottles along the northwestern edge of the landfill at the tree line (see photos #3, 4, and #8 through #10 for this landfill). Walnut Creek is located on the western side of the landfill, and an unnamed tributary is located on the eastern side of the landfill. The landfill does not appear to extend to the bank of either creek, and no landfill materials were observed on or in the creek banks.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.20 #21, ST. STEPHEN'S

The St. Stephen's landfill is owned by the Protestant Episcopal Schools, and is located west Austin, at 2900 Bunny Run. The landfill is essentially as described in the 1984 URM report. At the time of the SA inspection, the landfill was grass covered and well graded, except for an approximately 25-foot diameter area around a small grove of large trees near the center of the landfill (see photos #1 through #3 for this landfill). The ground surface in this area is approximately 2 feet lower than the surrounding capped area. There are no structures on or in the vicinity of the landfill. See Figures 21a and 21b.

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.21 #25, TEXACO CHEMICAL COMPANY

The Texaco Chemical Co. landfill is owned by a private entity, and is located north Austin, at 7114 N. Lamar Blvd. The location map for this landfill in the 1984 URM report shows the area of this landfill to be a roughly triangular area in an open field adjacent to the railroad tracks. At the time of the SA inspection, the Texaco staff indicated that they believed the landfill area might be significantly larger. Texaco staff indicated that the landfill includes the area identified by URM but also might extend further east and south and below several buildings (Figures 25a and 25b and photos #3 and #5 for this landfill). No borings or other investigations have been performed to determine the extent of the landfill. The area reported by URM to be landfill area is level with a good cover of grass (see photos #1 and #4 for this landfill). To the east, in the extended area identified by Texaco staff, there also is an emergency Firewater holding pond (see photo #2 for this landfill).

A portion of the landfill, if not all, achieved final closure in March 2002 under Risk Reduction Standard No. 2 in accordance with 30 TAC 335. Cleanup under Risk Reduction Standard No. 2 relieves the property owner from post-closure care and engineering control measures (Reference #28).

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.22 #26, TURNER

The Turner landfill is owned by a private entity, and is located northeast Austin, at 7000 Hwy 183 and Turner Lane. The location map for this landfill in the 1984 URM report shows the area of the landfill and surrounding properties as predominantly undeveloped. Today, a commercial development exists immediately north of the site and a residential development is adjacent to the west, and apartment complexes have been constructed to the south (Figures 26a and 26b). A Phase I Environmental Site Assessment prepared in 2000 (Reference #6) indicates that these nearby developments were constructed in the 1970s and 1980s. The site is bounded on the east side by Hwy 183. At the time of the SA inspection, the landfill was covered with dense brush and trees. There is a single residence on the landfill property at the end of Turner lane although it isn't clear if the house is constructed over the landfill. There is a large quantity of household trash dumped behind the residence (see photos #1, 2, and #10 for this landfill). There were also large piles of trash in around the creek channel near the house. The ground surface of the landfill is hummocky, with numerous areas of exposed landfill trash, including concrete rubble, brick, and tires (see photos #3 through #6, photos #8, 9, 11, 12, and #13 for this landfill). There is a dry creek bed that drains the landfill area to a small pond located within the landfill (see photo #7 for this landfill). Surface water ultimately flows south off the site to Little Walnut Creek located approximately 1,000 feet west.

A Phase II Environmental Site Assessment performed in 2000 indicated that no TPH, VOCs, or SVOCs were detected in the soil or groundwater at the site. Metals were detected, but not at concentrations greater than TRRP Tier 1 PCLs. An additional soil and groundwater investigation, conducted in 2001 (Reference # 7), indicated groundwater at the site meets the criteria for a Class 3 groundwater, and that lead and benzo(a)pyrene concentrations in soils at a tire pile exceeded the residential Tier 1 PCLs.

The site was entered into the VCP as site G049, and achieved a Certificate of Completion (COC) under this program in August 2002. The COC, however, was conditioned on the requirement that two feet of soil cover remains on the closed landfill, and that tires, empty drums, and other obvious debris that were dumped must be removed and disposed (Reference #15).

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- exposed landfill materials,
- presence of surface water bodies within the landfill,
- unrestricted public access.

In addition, based on the apparently on-going illegal dumping, this site may also represent a regulatory violation. As described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site.

3.23 #27, WEBBERVILLE-GOVALLE

The Webberville-Govalle landfill is owned by Austin Community College, and is located in east Austin, northeast of the intersection of Webberville Road and Govalle Ave. COA inspection findings in 1992 (Reference #4) indicate that structures around the landfill were checked for methane by the Fire Department and no methane was detected. In the late 1990's, ACC built several large buildings, a parking lot, and stormwater retention pond in the northeastern corner of the intersection of Webberville Road and Govalle Road. This development covers approximately one-third of the area identified by URM as the landfill (Figures 27a and 27b). ACC also recently constructed buildings in the southeastern corner of this same intersection. ACC reportedly encountered some landfill waste during the construction of this building across the road from the reported landfill location. Residences, a church, and a retail store also are located adjacent to the landfill on Goodwin Street and at the northern end of the landfill on Webberville Road. The landfill is not fenced and is accessible to the public.

During the SA inspection, exposed landfill trash, including battery cases and a car chassis, were observed in numerous locations within the landfill (see photos #2 through #8, and #10 and #11 for this landfill). Landfill debris was also observed in the area behind the homes near the intersection of Goodwin and Webberville Road, indicating the landfill may have extended farther north than indicated in URM's map. Household trash was observed dumped behind the homes north of the landfill on Goodwin Street. There are two stream channels on the property. One flows from the north to the south along the eastern portion of the landfill (see photos #12 and #13 for this landfill). The second flows from the retention pond at Webberville Road and Bedford Street and flows eastward to join the stream flowing southward (see photo #1 for this landfill). ACC is currently surveying and installing silt fence along this creek in preparation for

construction of a parking area on the southern portion of the landfill at Govalle Road (see photos #9 and #16 for this landfill). Landfill debris was evident in the side walls of an excavation recently dug on the property of a landscaping business (Ted's Trees, 1116 Tillery Street) adjacent to the end of Linden Street (see photos #14 and #15 for this landfill), indicating the landfill may extend farther east than indicated in URM's map.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- exposed landfill materials,
- presence of unnamed stream within the landfill, and
- unrestricted public access,

In addition, based on the apparently on-going illegal dumping, this site may also represent a regulatory violation. If non-residential buildings are located over the landfill, they should be registered or permitted under Subchapter T, TAC 330. As described in Section 4 of this report, based on the SA findings, additional actions may be warranted at this site. As a result of the preliminary findings of this SA, ACC has hired a consultant to assess environmental conditions associated with this property.

3.24 #28, WHISENHUT

The Whisenhut landfill is owned by a private entity, and is located southeast Austin, at 8922 Lane. Attempts to contact the property owner for permission to access the site were unsuccessful and, therefore, field observations were made from Hergotz Lane. At the time of the SA inspection, the site was mostly obscured by a privacy fence located approximately 150 feet back from the roadway. There appears to be a residence within the fenced area (see photo #2 for this landfill). Some concrete debris and piles of mixed soil and waste were present on the 150 feet of property outside the fence (see photos #1 and #2 for this landfill). The area in the vicinity of the site is dominated by quarries (Figures 28a and 28b). The property to the north consists of commercial storage buildings and semi-tractors. The URM report indicates that municipal, industrial, as well as inert wastes were received at the site. A survey of closed landfills performed by the Texas Water Commission in 1992 (Reference # 3) notes that "white

goods” were also received, and that the site was not covered, and there was possible contamination of the groundwater.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- unauthorized interment of potentially hazardous materials,
- reported lack of adequate cover,
- presence of shallow groundwater.

As described in Section 4 of this report, based on these findings, additional actions may be warranted at this site.

3.25 #29, WILD BASIN

The Wild Basin landfill is owned by the Committee for Wild Basin, and is located on the east side of Loop 360, at 1000 Loop 360. The landfill area is essentially as described in the 1984 URM report. The landfill is located along the northern side of the entrance road to the park, beginning at the edge of the Hwy 360 right-of-way and extending approximately 600 feet along the entrance road (Figures 29a and 29b). In this area there was broken glass and several glass bottles. An area covered with small pieces of broken glass was observed on the south side of the entrance road, closer to the park headquarters (see photos #3 through #12 for this landfill). The park staff reports that this area of broken glass is hand cleaned on a regular basis, but more glass appears following each rain event (see photo #2 for this landfill). No streams or ponds were observed on or adjacent to the landfill area. However, runoff from the landfill area will flow northward approximately 300 feet to an unnamed tributary of Bee Creek. A single corroded drum was observed in the woods along Hwy 360 (see photo #1 for this landfill).

Based on the information reviewed during this SA, current conditions associated with this site do not appear to pose a material concern to human health or the environment, or represent a regulatory violation.

3.26 #30, WINGFIELD AND # 33, HARMON

The Wingfield landfill and Harmon landfill are each owned by a private entity, and are located adjacent to each other in south Austin, just northeast of the interchange at Hwy 71 and Hwy 183. The Wingfield and Harmon landfills are landfills operated by different entities on two different (but abutting) tracts of land. It appears that both operations were placing waste in the same quarry that extended across both properties (Figures 30a and 30b). The Wingfield landfill is described in the 1984 URM report. The Harmon landfill was not identified in that report.

URM describes the Wingfield landfill as being behind a wrecking yard business on 20 acres of land. The 1984 URM reports that both domestic and commercial wastes were accepted at the Wingfield site. COA's 1992 Inspection Summary indicated that exposed construction debris, metal auto parts, and wood filled about one half of the quarry, with illegal dumping into the quarry still occurring. An inspection by the TCEQ in 1992 reported observing non-inert construction debris in the water and some current illegal dumping. The TCEQ cited this landfill as needing significant and/or prompt attention (Reference # 3).

A review of TCEQ files revealed a landfill permit application for "Harmon", MSW# 1569. No records were available at the TCEQ for the Wingfield landfill. However, the Harmon application included a 1980 tax appraisal map which showed the SB Wingfield tract to be a 19.2-acre tract located behind a 4.2 acre tract of land (currently occupied by AAAuto Salvage) and immediately adjacent to the northern side of the Harmon tract. The Harmon tract is shown as a 22.3-acre tract identified as owned by Harmon Properties, Inc. Current tax appraisal maps indicate that the Wingfield property has been subdivided into two approximately 10 acre tracts and sold to Edward Martin and East Travis Inc. The Harmon property remains undivided but was also sold, to Willard and Patricia Polston. These records would appear to indicate that there were two side-by-side landfills at this location being operated independently.

The road frontage along Hwy 183 in front of the landfill sites is occupied by commercial buildings and a church.

The Edward Martin tract is currently occupied by VeeDub Auto Junk Yard, the East Travis Inc., and the Polston properties are undeveloped (see photos #4 and #5 for landfill #30). The back portion of the East Travis and Polston properties are covered by a single large pond that appears to be the location of the old quarry. Mr. Martin, East Travis, Inc. and the Polstons were each contacted by the COA to request access to the properties. The East Travis Inc. and the Polston property owners denied the COA's request to access the properties, but each told

the COA representative that they were not aware of any landfill on their property. Mr. Martin did grant access for a site visit. The Martin property is almost totally occupied by the auto salvage business. No evidence of a landfill was observable in this area. A close inspection was made of the creek that bisects the Polston tract and separates the Martin and East Travis tracts (see photo #1 for landfill #30). Dense brush prevented adequate viewing of the Polston and East Travis tracts from the Martin tract. Inspection of the creek showed a deep channelized creek, landfill trash was visible in the embankments on both side of the creek between the Martin and East Travis tracts (see photos #2 and #3 for landfill #30). Some debris was observed on the land surface of both the Polston and the East Travis tracts adjacent to the Martin property line (see photos #1 through #6 for landfill #33).

Following the site visit to the Martin property, a nearby business on Dalton road whose rear property line backs up to the Polston property and over looks the pond was visited. The business had several aerial photos of their property displayed in their office lobby that showed portions of the Polston property. The aerial photographs showed clear evidence of landfilling activities on the Polston property.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to the landfills,
- exposed landfill materials due to erosion at the stream bank,
- presence of surface water bodies within the landfills,
- reported use of the pond by nearby residents for fishing and swimming, and
- presence of seeps/leachate from the landfills.

As described in Section 4 of this report, based on these findings, additional actions may be warranted at this site.

3.27 #31, WINN-COOK

The Winn-Cook landfill is owned by the Austin Independent School District, and is located northeast Austin, at 3500 Susquehanna Lane. The landfill remains essentially as described in the 1984 URM report. However, continued development around Winn-Cook School has

resulted in additional residences having been constructed over the reported location of the landfill on Val Drive, Lynridge Drive, and Susquehanna Drive (Figures 31a and 31b).

Subsidence continues to be a problem in the school parking lot, sidewalks and buildings (see photos #1, 2, 3, and #6 for this landfill). In the COA's FY 00-001 Annual Report it was noted that the Teacher's parking lot on the north side of the school was uneven, with 1 to 2 inch cracks running north-south, and that a landfill cell was very visible with 1 to 2 foot of relief (Reference #16). Repairs were made during the summer of 2004 to the school parking lot and sidewalks. Long, parallel depressions are still evident across the school play ground (see photos #2, 3, and #6 for this landfill). Soil cavities were observed at the base of the school building (see photo #7 this landfill).

An investigation of the subsurface in Rockhurst Street, one block south of the school, was conducted in July 2004 for the COA in preparation for wastewater line repairs. The investigation determined that landfill waste was present below Rockhurst Street between Tulane and Dubuque. This indicates that the landfill extends further south than previously thought. COA inspection findings in 1992 (References #4 and #31) indicate that the school and adjacent homes were checked for methane by the Fire Department and no methane was detected. An additional seven to 12 homes were constructed in the late 1990s over portions of the landfill.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of school buildings and residences adjacent to and possibly over the landfill,
- significant subsidence.

As described in Section 4 of this report, based on these findings, additional actions may be warranted at this site. If the permanent school buildings are located over the landfill, they should be registered or permitted under Subchapter T, TAC 330.

3.28 #32, LOOP 360

The Sprinkle landfill is owned by the City of Austin, and is located southwest Austin, in the Barton Creek Greenbelt behind the Brodie Oaks Shopping Center, at 4000 Loop 360. The

Loop 360 site was not included in the 1984 URM report, but was included in this report at the COA's request. The Loop 360 site is a historic illegal dump site located in the Barton Creek Greenbelt, immediately behind the ToysRUs store in the Brodie Oaks Shopping Center (Figures 32a and 32b). City staff estimate the waste to be spread over a three to four acre area. The area consists of steep, heavily wooded ground sloping down to Barton Creek. The wastes appear to never have been capped. However, over the years much of it has been buried by a shallow cover of soil and leaves through natural processes. Waste observed included construction debris, roofing material (potentially containing asbestos), and many glass bottles (see photos #1, 5, and #6 for this landfill). More recently, illegal dumping appears to be occurring over the retaining wall behind ToysRUs.

The area contains moderate to severe erosion, apparently aggravated by people digging for and collecting bottles (see photos #2, 3, and #4 for this landfill). The extent of the landfill material to the south is unknown, and could possibly extend under ToysRUs and parking areas.

Based on the information reviewed during this SA, it is our opinion that current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to and possibly over the landfill,
- exposed landfill materials due to erosion,
- proximity to Barton Creek, and use of area for recreation,
- unrestricted public access.

If buildings are located over the landfill, they should be registered or permitted under Subchapter T, TAC 330. In addition, based on the apparent on-going illegal dumping, this site may represent a regulatory violation. As described in Section 4 of this report, based on these findings, additional actions may be warranted at this site.

4.0 RECOMMENDATIONS

As described in Section 3, certain environmental conditions, or possible regulatory violations, have been identified at several of the vicinity waste sites and, accordingly, we have developed recommendations for certain additional actions. Although many of the findings presented herein are considered material from an environmental perspective, within the limitations of this assessment, none of our findings indicate an obvious and imminent threat to public safety. We also report, however, that in response to the preliminary findings of this SA, the property owner of one of the landfill sites (Webberville-Govalle) has already expedited investigative actions and has discovered the presence of elevated levels of methane gas in the subsurface and is communicating findings with the appropriate regulatory agencies. These proactive measures taken by the property owner, illustrate the types of conditions that can exist undetected in the vicinity of closed landfill sites, and the importance of additional assessment, where warranted. Because most of the landfills are not owned by the COA, we note that implementation of certain of our recommendations may be beyond the COA's control.

We recommend that the owners of all landfills included in this study should be advised that if the owner has not already done so, notice should be filed in the real property records of the existence of the landfill per 30 TAC 330, Subchapter T. Owners should also be advised to review the requirements for notification to buyers, lessees, and occupants as well as lease restrictions provided in 30 TAC 330, Subchapter T.

A summary of our recommendations for each of the subject waste sites is presented as follows:

Site #	Landfill Name	Recommendation
1a	Airport Dump, RMMA WD1, Waste Disposal Area	<ul style="list-style-type: none"> No Further Action, Area Remediated To Risk Reduction Std 1.
1b	RMMA WD4, Interdepartmental Fill Area	<ul style="list-style-type: none"> No Further Action, Area Remediated To Risk Reduction Std 1.
1c	RMMA WD5, Former Asphalt Plant Tailings / Ash Disposal Area	<ul style="list-style-type: none"> No Further Action, Area Remediated To Risk Reduction Std 1.

Site #	Landfill Name	Recommendation
1d	RMMA WD7, Waste Disposal Area	<ul style="list-style-type: none"> • Continue With Current Monitoring And Investigation Program Being Implemented By COA. • Buildings Over The Landfill Should Be Registered/Permitted As Required by 30 TAC 330, Subchapter T As A Structure Over A Landfill.
2a	Balcones Research Center, Radioactive Waste Site	<ul style="list-style-type: none"> • No Further Action, Identified By TCEQ As Requiring No Further Action.
2b	Balcones Research Center, Acid Neutralization Waste Site	<ul style="list-style-type: none"> • Continue Pursuit Of VCP Closure.
2c	Balcones Research Center, Research Monkey Waste Site	<ul style="list-style-type: none"> • No Further Action, Location Unknown.
3	Bergstrom AFB (ABIA) BAFB Landfills 03, 04, 05, 06, 07	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Continue Groundwater Monitoring And Post-Closure Care.
4	Bergstrom AFB (ABIA) BAFB Landfills 01 and 02	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Continue Groundwater Monitoring And Post-Closure Care.
5	Bluff Springs/Knuckles Crossing	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections.
6	Brinkley-Anderson	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Continue Periodic Analysis Of Leachate Seeps At Walnut Creek. • Perform Corrective Action To Creek Embankments To Prevent Erosion And Exposure Of Landfill Materials. • Conduct Sampling At Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures.
7	Butler	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Continue Groundwater Monitoring, Corrective Action To Creek Embankments To Prevent Erosion And Exposure Of Landfill Materials.
8	Grove	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Remove Illegal Dumped Materials To Achieve Certificate Of Completion Under VCP Program. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures.

Site #	Landfill Name	Recommendation
9	Highway 71, Precinct 3	<ul style="list-style-type: none"> • No Further Action.
10	Hog Hill/Handy's Dump	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Terminate Illegal Dumping By Property Owner. • Conduct Soil Gas Sampling At Adjacent Properties To Evaluate Presence of Methane In The Soil Gas And In Structures.
11	Industrial Waste Materials Management	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Continue Current Monitored Program.
12	Jonestown, Precinct 2	<ul style="list-style-type: none"> • No Further Action.
14	Mabel Davis	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Complete On-Going Investigation/Remediation Activities. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures. • If Buildings Are Over The Landfill They Should Be Registered/Permitted As Required by 30 TAC 330, Subchapter T As A Structure Over A Landfill.
15	McGuire	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Sample Surface Water In Stream. • Conduct Sampling At Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures.
16	M. E. Ruby	<ul style="list-style-type: none"> • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures. • If Buildings Are Over The Landfill They Should Be Registered/Permitted As Required by 30 TAC 330, Subchapter T As A Structure Over A Landfill. • Continue Sampling Of Groundwater By Owners.
17	Montopolis Bridge	<ul style="list-style-type: none"> • Conduct Periodic Site Inspections. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures. • Remove Illegally Dumped Materials.
18	Moses Guerrero	<ul style="list-style-type: none"> • No Further Action.
19	Old 290, Precinct 1	<ul style="list-style-type: none"> • No Further Action.

Site #	Landfill Name	Recommendation
20	Sprinkle	<ul style="list-style-type: none"> ● No Further Action.
21	St. Stephen's	<ul style="list-style-type: none"> ● No Further Action.
25	Texaco Chemical	<ul style="list-style-type: none"> ● No Further Action.
26	Turner	<ul style="list-style-type: none"> ● Conduct Periodic Inspections And Continued Monitoring Of Actions Stipulated In VCP Certificate Of Completion. ● Owner Should Take Measures To Prevent Continued Illegal Dumping Near Residence. ● Remove Recent Illegally Dumped Materials. ● Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures..
27	Webberville-Govalle	<ul style="list-style-type: none"> ● Conduct Periodic Inspections. ● Perform Further Investigations To Determine If The Landfill Extends Either Northward Or Eastward Under Residences. ● Perform Investigations To Determine If Hazardous Materials Are Present In The Landfill. ● Sample Surface Water In Stream. ● Conduct Soil Gas Survey To Determine If A Methane Plume Is Impinging On Developments. ● Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures. ● If Non-Residential Buildings Are Located Over The Landfill They Should Be Registered/Permitted As Required by 30 TAC 330, Subchapter T As A Structure Over A Landfill.
28	Whisenhut	<ul style="list-style-type: none"> ● Conduct Periodic Inspections. ● Conduct Soil And Groundwater Sampling To Determine If Hazardous Wastes Are Present In Landfill. ● Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures.
29	Wild Basin	<ul style="list-style-type: none"> ● Conduct Periodic Inspections.

Site #	Landfill Name	Recommendation
30	Wingfield	<ul style="list-style-type: none"> • Conduct Periodic Inspections. • Sample Surface Water In Stream And Pond. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures.
31	Winn-Cook	<ul style="list-style-type: none"> • Conduct Periodic Inspections. • Conduct Subsurface Investigation To Determine Extent Of Landfill. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures. • Notification And Methane Sampling In Residences Potentially Located Over Landfill. • Permanent School Buildings Over The Landfill Should Be Registered/Permitted As Required by 30 TAC 330, Subchapter T As A Structure Over A Landfill.
32	Loop 360 (ToysRUs)	<ul style="list-style-type: none"> • Conduct Periodic Inspections. • Install Fencing On Retaining Wall Behind Shopping Center And Between Hiking Trail And Waste, To Prevent Continued Dumping And To Limit Access To Bottle Collectors. • Grade Surface To Repair And Deter Erosion. • Remove And Dispose Of Visible Wastes. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures. • If Buildings Are Over The Landfill They Should Be Registered/Permitted As Required by 30 TAC 330, Subchapter T As A Structure Over A Landfill.
33	Harmon	<ul style="list-style-type: none"> • Conduct Periodic Inspections. • Sample Surface Water In Stream And Pond. • Conduct Sampling At Landfill And Adjacent Properties To Evaluate Presence Of Methane In The Soil Gas And In Structures.

5.0 ASSESSMENT LIMITATIONS

The following limitations apply to the information in and findings of this report:

This report provides information and findings obtained by Geomatrix from the sources identified herein. Although the information sources identified and utilized are consistent with industry standards for assessment performance, this report is not intended to provide any warranty that other sources of environmental information are not available for these properties.

In the formation of our opinions, Geomatrix has relied on information provided by third parties. Beyond the course of normal communications and information gathering procedures, Geomatrix has not independently verified the information provided.

The findings of this report should be considered a technical opinion, based on the available information and the experience of Geomatrix personnel with comparable properties and operations. It should also be recognized that other parties may render alternate opinions based on the same information, and that additional information may become available in the future that would alter this opinion.

This SA, consistent with industry standards for such assessments, did not include any intrusive investigation or sampling of site media. Environmental concerns or liabilities that were not documented in one of the information sources utilized, were not visibly apparent in a field reconnaissance (e.g. subsurface methane gas), or could not be readily measured, will not have been identified.

This report and all associated information and documentation generated by Geomatrix as a part of this project is for the sole use of COA and may not be relied upon by any other party without the express written permission of Geomatrix Consultants, Inc. (Geomatrix).

Table 1
List of Landfill Sites Included in 2004 Supplemental Assessment

COA / URM			COA / URM	
Ref #		Landfill Name	Ref #	Landfill Name
1	1a*	Airport (RMMA WD1)	16	M. E. Ruby
	1b*	RMMA WD4	17	Montopolis Bridge
	1c*	RMMA WD5	18	Moses Guerrero
	1d*	RMMA WD7	19	Old 290 Landfill
2		Balcones Research Center	20	Sprinkle
	2a*	Radioactive Waste Site	21	St. Stephens
	2b*	Acid Neutralization Waste Site	25	Texaco Chemical Co.
	2c*	Research Monkey Waste Site	26	Turner
3		Bergstrom Air Force Base	27	Webberville-Govalle
4		Bergstrom Air Force Base	28	Whisenhut
5		Bluff Springs/Knuckles Crossing	29	Wild Basin
6		Brinkley-Anderson	30	Wingfield
7		Butler	31	Winn-Cook
8		Grove	32	Loop 360
9		Highway 71, Precinct 3	33	Harmon
10		Hog Hill/Handy's		
11		Industrial Waste Materials Management		
12		Jonestown, Precinct 2		
14		Mabel Davis		
15		McGuire		

* Additional reference numbers to differentiate multiple non-contiguous landfills at same property.

TABLE 2
LANDFILL DATA

Map #	Site Name	TCEQ MSW # Landfill Type	Estimated Acreage	Site Address / Location	Property Owner / Contact	Landfill Operator
1	Airport	Municipal Solid Waste	~7	4500 Manor Rd. (Long Term Parking)	City of Austin, Chris Calvery, 974-7094	City of Austin
2	Balcones Research Center	Industrial, 3 sites; low level radioactive, liquid chemical, animal research waste	8	10,000 Burnet Road	UT Austin, Chip Rogers, 471-3511 (or Earl Jansen, Abe Yebara)	UT Austin, Balcones Research Center
3	Bergstrom AFB (7 landfills)	Domestic / Industrial Solid, Liquid, Hazardous	58	2,500 Hwy 71 East, ABIA	City of Austin, Dale Thompson, 530-5544	USAF / US DOD
4	Bergstrom AFB (7 landfills)	Domestic / Industrial Solid, Liquid, Hazardous	12	2,500 Hwy 71 East, ABIA	City of Austin, Dale Thompson, 530-5544	USAF / US DOD
5	Bluff Springs/Knuckles Crossing	Vegetative Debris	2.5	9000 Knuckles Crossing	Charles & Yvonne Spradling (1 lot), Thompson Family Ltd (2nd lot), Charles Spradling 736-0147	City of Austin Parks & Recreation
6	Brinkley-Anderson (aka Little Walnut Creek Landfill)	Municipal Solid Waste	23.98 acre 7-8 acres (COA)	2100 Anderson Ln (east of Hwy 183, both sides of Walnut Creek)	Private / Bank Foreclosure on undeveloped portion. Multiple Properties: Rio Vista Apts, MV Walnut Creek Ltd, Whitehall Ltd., Hardin Interest Inc.	West Side - City of Austin East Side - Travis County
7	Butler	Municipal Solid Waste	18	Zilker Park @ Stratford Drive (near Mopac Bridge)	City of Austin, Hani Michel, 974-1962	City of Austin
8	Grove	Municipal Solid Waste	3.6 acre landfill 9.8 acre site	500 Kemp Street	Rizome Collective, Scott Kellogg, 294-9580 (best number) or 385-3695.	City of Austin
9	Highway 71, Precinct 3	MSW # 686 Municipal Solid Waste	9.8 as per COA table 19 as per URM	1.5 mi west of Hw 71 & Hamilton Pool Rd.	Grumbles Family, 263-2508. Richard Grumbles, 636-6201.	Travis County

Map #	Site Name	TCEQ MSW # Landfill Type	Estimated Acreage	Site Address / Location	Property Owner / Contact	Landfill Operator
10	Hog Hill/Handy's Dump	Unknown, Illegal Dumping (construction, clean fill material, reports of glue & unknown chemicals)	3	2 lots: 6410 Harold Court 6110 Harold Court	Mr. Emmit Jones Jr., 670-3269	NA, Illegal Dump
11	Industrial Waste Materials Management	Industrial(liquid, solvents, acids, hydrocarbons)	16	Hwy 290 East (near flea market)	Waste Management Inc. Bubba Smith, 748-4235	Industrial Waste Management
12	Jonestown, Precinct 2	Municipal/Private (used by Universal Disposal, Cen-Tex Disposal, TX Highway Dept., Austin State Hospital, Jonestown)	8	FM 1431 & Williamson Rd.	Marion Shipman, 921-4163	Travis County
14	Mabel Davis (aka St. Edward's Landfill)	Municipal / Industrial (solid, liquid chemical, illegal unknown)	30	3500 Parker Lane	City of Austin, Hani Michel, 974-1962	City of Austin
15	McGuire	Municipal Solid Waste	7	4500 Freidrich Lane 1600 Spongberg Dr. ¹	University of Texas Kathy Libersat Real Estate Office 499-4336 Klibersat@Utsystem.Edu	City of Austin
16	M. E. Ruby	solid, liquid, hazardous	5	4400 Braker Ln ¹ 11000 Hwy 183	HUB Properties Trust ¹	Private - M. E. Ruby
17	Montopolis Bridge	Domestic/Construction Illegal Dumping	<16	Colorado River & Montopolis Rd.	City of Austin, Street and Bridge, Ed Poppitt , P.E., 974-8768	Centex Corporation
18	Moses Guerrero	Vegetative/Construction	5	6000 Hwy 183 South	Southview Hills Investments ¹	Private - Moses Guerrero
19	Old 290, Precinct 1	MSW # 684 Municipal / Industrial solid, liquid, hazardous	140	Hwy 290 East (near flea market)	Travis County, Keith Coburn, 854-5866	Travis County
20	Sprinkle	Municipal Solid Waste (City Only)	100	11015 Sprinkle Cutoff Rd.	Fiestas Patrias of Austin ¹ Julius Velasquez, julius.velasquez@capmetro.org	City of Austin

Map #	Site Name	TCEQ MSW # Landfill Type	Estimated Acreage	Site Address / Location	Property Owner / Contact	Landfill Operator
21	St. Stephen's	MSW # 1124 School Waste	2	2900 Bunny Run	Protestant Episcopal School ¹ 2900 Bunny Run, Roger Bowen (School Head) Brad Powell 801-0402	Private - St. Stephens School
25	Texaco Chemical	Industrial (solid, liquid)	11	7114 N. Lamar Blvd @ Airport Rd.	Huntsman Petrochemical Corp / Texaco Chemical Ravi Joseph, 483-0178	Private - Jefferson Chemical Company
26	Turner	Municipal (solid)	10.369 acres as per phase II ESA 27 acres as per COA table	Turner Lane ¹ 7000 Hwy 183 East	Balcones JV ¹ David Huff 255-7056 (home), 663-9339 (cell)	Private - Landowner
27	Webberville-Govalle	Unknown Waste Type	20	Webberville Rd. & Govalle Ave. (NE Corner)	Austin Community College, Bronson Dorsey, 223-1009 (cell: 657-9760)	Unknown
28	Whisenhut	Type V (solid, liquid)	5 acres as per COA table	8922 Hergotz ¹ NE of Dalton Ln. & Hergotz	Chase Manhattan Bank as Trustee, Sarkadi Charly	Private - Otis Whisenhut
29	Wild Basin (aka Davenport Ranch)	Municipal Solid Waste	3 - 6	1000 Loop 360	Committee for Wild Basin Georgian Foster, 327-7622	Travis County
30	Wingfield	MSW # 1390 Municipal Solid Waste (solid, liquid)	10 - 20	1000 Bastrop Hwy Address is 829 Bastrop Hwy	East-Travis Inc. Latus R. Prikryl, 476-9990 Edward G. Martin, (Austin VeeDub/Austin Auto), 264- 1524, 385-2464	Private - Landowner
31	Winn-Cook	Municipal Solid Waste	13	3500 Susquehanna Ln. Winn Elementary	AISS, Mary Alvirez, 414-2390 (School Principal), Dan Robertson, 414-3632, Winn Elementary School 3500 Susquehanna Ln.	City of Austin

Map #	Site Name	TCEQ MSW # Landfill Type	Estimated Acreage	Site Address / Location	Property Owner / Contact	Landfill Operator
32	Loop 360 (not in URM report, see 9-1-92 Inspection Summary Table)	Illegal Dump	3-4 acre	4000 Loop 360 Brodie Oaks Shopping Center (behind ToysRUs. Within Barton Creek Greenbelt)	COA Parks Department, Ray Navarez, 478-0905 John Cook, 472-4914	NA, Illegal Dump
33	Harmon	MSW # 1569 Unknown	16.5 acre	1111 Old Bastrop Hwy	Willard C & Patricia Polston, 444-1364	Private – Landowner

TABLE 3
REFERENCES

Reference #	Landfill #	Title	Author	Date
1	Multiple	Landfills in the Vicinity of Austin, Texas	Underground Resource Management, Inc.	November 1984
2	Multiple	Summary, Visual Inspection Report of Former Landfills in the Austin Area	City of Austin, Environmental and Conservation Services Department	September 1, 1992
3	Multiple	Letter to Joe Word Re Survey of Closed Landfills, Austin and Travis County	Nancy R. Frank, Municipal Solid Waste Division, Texas Water Commission	September 4, 1992
4	Multiple	Inspection of Former Landfills	Becky Gadell, Joe Word, Solid Waste Services, City of Austin	September 4, 1992
5	26	Report of Phase II Environmental Site Assessment, Turner Site, Austin, Texas	LawGibb Group for COA Solid Waste Services Department	December 2000
6	26	Report of Phase I Environmental Site Assessment, Turner Site, Austin, Texas	LawGibb Group for COA Solid Waste Services Department	April 2000
7	26	Balcones Joint Venture 301 (Former Turner Landfill) Sampling Results	Daniel B Stephens & Assoc. for TNRCC VCP Section	June 11, 2001
8	8	Report of Phase I Environmental Site Assessment, Grove Site, Austin, Texas	LawGibb Group for COA Solid Waste Services Department	March 2000
9	8	Grove Landfill Data 2001 Tables and Figures	IT Group for TNRCC VCP Section	July 9, 2001

Reference #	Landfill #	Title	Author	Date
10	8	Grove Landfill, VCP BSA G14, Phase II Site Assessment	IT Group for TNRCC VCP Section	October 18, 2000
11	6	Data Assessment Report, Brinkley-Anderson Landfill Site	Tetra Tech NUS, Inc. for US Army Corps of Engineers	April 2004
12	6	Site Investigation Report, Phase II Brownfields Investigation, Brinkley-Anderson Site	Tetra Tech NUS, Inc. for US Army Corps of Engineers	Mach 2003
13	6	Brinkley-Anderson Landfill, VCP GSA G051, Soil Vapor Survey	IT Group for TNRCC VCP Section	August 31, 2001
14	6	Report of Phase I Environmental Site Assessment, Brinkley-Anderson Site	LawGibb Group for COA Solid Waste Services Department	December 2000
15	26	Re: TNRCC review of Brownfields Site Assessment Reports, includes Certificate of Completion	Letter, TNRCC to City of Austin WPDR	September 24, 2001
16	Multiple	Electronic File "Inactive Landfill.doc"	Provided by COA, includes Annual Reports/Inspections for 98-2003	file date 9-27-04
17	Multiple	Electronic File "landfill-bufferdevelopment.xls"		file date 9/28/2004
18	Multiple	Electronic File "May 1983.pdf"	5-14-1983 Austin American Statesman article re 18 dump sites to be examined	file date 9/14/2004

Reference #	Landfill #	Title	Author	Date
19	6	Watersbend: A Brownfield Redevelopment Case Study <i>electronic file "Brinkley-Anderson AVCarticle2001apr.pdf"</i>	Rudy Robinson, Scott Lucas et al	April 1, 2001
20	8	Preliminary Geotechnical Investigation, Bill Greif and Larry Yount Property	Frank Bryant & Assoc	November 30, 1984
21	Multiple	COA Landfill Inspection Summaries included in the last 5 NPDES MS4 Annual Reports	City of Austin, delivered electronically via e-mail 9-15-04	FY 02-03 FY 01-02 FY 00-01 FY 99-00 FY 98-99
22	Multiple	TCEQ Central Registry Query: Regulated Entities in Travis County under "Municipal Solid Waste Disposal"		see print outs dated 9/29/2002
23	1	Response Action Completion Report, Robert Mueller Municipal Airport (RMMA)	Geomatrix Consultants	May 1, 2003
24	15	Teri Road Housing, LTD. (Figures and Data Tables only)	Engineering Consulting Service, LTD.	October 1, 2002
25	15	Phase II Environmental Site Investigation, 11.82 Acres Vacant Land, IH-35 Service Road and Teri Road	GZA GeoEnvironmental, Inc. for Altman, Kritzer & Levick, P.C.	August 14, 1998
26	15	Letter Report Re: 19.9357 Acre Tract, IH-35 and Teri Road	Jack Holt Ph.D. & Assoc. Inc. for UT System	July 10, 1987
27	15	Background Information Review, UT Tract - Teri Road	HBC Engineering for JW Capital Corp.	May 11, 2000

Reference #	Landfill #	Title	Author	Date
28	25	Approval of Closure Final Closure Report - Risk Reduction Std 2	TCEQ	March 22, 2002
29	31	Rockhurst Street Investigation and Work Plan	RMT Inc.	July 22, 2004
30	10	East MLK Neighborhood Plan, Ed Bluestein Area	Unknown	November 1, 2002
31	31	Winn-Cook Landfill	Unknown	July 1, 1998
32	15	Assessment of Methane Gas in Landfill, St. Elmo Maintenance Facility	Raba-Kistner-Brytest Consultants, Inc.	October 18, 1990
33	15	Assessment of Buried Refuse, St. Elmo Maintenance Facility	Raba-Kistner-Brytest Consultants, Inc.	May 2, 1991
34	2	Unrestricted Use Demonstration	Letter, TCEQ to UT JJ Pickle Research Campus	August 6, 2001
35	3, 4	Bergstrom Environmental Remediation, Status of Environmental Sites as of August 17, 1995	New Airport Project Team and Maxim Technologies, Inc.	August 17, 1995
36	3, 4	Basewide Environmental Baseline Survey	Department of the Air Force	September 1, 1993
37	9, 11, 12 and other	Closed County Landfills – Annual Status Report, 2003	Susan Spataro, Travis County Auditor	October 30, 2003

**Environmental Resource Inventory
For
Zilker Park
Austin City Limits Staging Area**

Submitted to:

**City of Austin
Planning & Development Review Department**

Prepared for :

**C3 Presents LLC
in cooperation with
Parks and Recreation Dept.**

Prepared by:

ATKINS

**11801 Domain Blvd., Suite 500
Austin, Texas 78758
TBPE Firm No. F-474**

December 2017



Table of Contents

I. General Site Information

II. Critical Environmental Features

III. Waiver to submittal of Hydrogeologic Report

IV. Environmental Resource Inventory Form

V. Waiver Request Form

VI. Maps

VII. Butler Landfill information

I. GENERAL SITE INFORMATION

Zilker Park ACL Staging Area is a proposed in Zilker Park between Stratford Lane and Lady Bird Lake, east of MOPAC on an 11.12 acre tract.

This site is in the defined Edwards Aquifer Recharge Zone, is within the Lady Bird Lake Watershed, which is classified as a Water Supply Suburban Watershed, is in the Lady Bird Lake Waterfront overlay zone, is zoned P, and is in the Barton Hills Neighborhood planning area. All of the project is within the 500-year flood plain but none of the proposed activities are within the 100 year base flood elevation. The City 100 year Fully Developed Flood Plain and the FEMA 100 year Flood Plain coincide with each other.

II. Critical Environmental Features

The entire project site is located on top of the existing Butler Landfill cap, see map and report attached. Although the site is located on the mapped Edwards Aquifer Recharge Zone, a geological investigation was not performed because the landfill and cap have covered any features that may have existing in this area. No critical environmental features exist on the cap. Borings were performed to determine the thickness of the cap and proximity to Stratford Lane. Boring Logs are attached.

Two Springs are identified in the City data base that appear to be at the edge of the cap along the lake. Both features are more than 150' from the proposed activities.

III. Waiver Request

Because the site is completely on the closed Butler landfill cap, a waiver to providing the Hydrogeologic Report is requested. Although the site is on the Edwards Aquifer Recharge Zone, no natural and traditional character of the land remains. No natural geologic formations remain. The site was excavated as a quarry and subsequently filled with mostly domestic waste and then covered with an imported clay cap approximately 4' thick. The attached City Bulter Landfill Report provides additional background on this property.

Case No.: _____
(City use only)

Environmental Resource Inventory

For the City of Austin
Related to LDC 25-8-121, City Code 30-5-121, ECM 1.3.0 & 1.10.0

The ERI is required for projects that meet one or more of the criteria listed in LDC 25-8-121(A), City Code 30-5-121(A).

1. SITE/PROJECT NAME: Austin City Limits Staging Area
2. COUNTY APPRAISAL DISTRICT PROPERTY ID (#'s): 105461
3. ADDRESS/LOCATION OF PROJECT: 2236 1/2 Stratford Drive, Austin TX 78746
4. WATERSHED: Lady Bird Lake Watershed
5. THIS SITE IS WITHIN THE (Check all that apply)
- Edwards Aquifer Recharge Zone* (See note below) YES No
 - Edwards Aquifer Contributing Zone* YES No
 - Edwards Aquifer 1500 ft Verification Zone* YES No
 - Barton Spring Zone* YES No
- *(as defined by the City of Austin – LDC 25-8-2 or City Code 30-5-2)

Note: If the property is over the Edwards Aquifer Recharge zone, the Hydrogeologic Report and karst surveys must be completed and signed by a Professional Geoscientist Licensed in the State of Texas.

6. DOES THIS PROJECT PROPOSE FLOODPLAIN MODIFICATION?..... YES** NO
- If yes, then check all that apply:
- (1) The floodplain modifications proposed are necessary to protect the public health and safety;
 - (2) The floodplain modifications proposed would provide a significant, demonstrable environmental benefit, as determined by a **functional assessment** of floodplain health as prescribed by the Environmental Criteria Manual (ECM), or
 - (3) The floodplain modifications proposed are necessary for development allowed in the critical water **quality zone under LDC 25-8-261 or 25-8-262, City Code 30-5-261 or 30-5-262.**
 - (4) The floodplain modifications proposed are outside of the Critical Water Quality Zone in an area determined to be in poor or fair condition by a **functional assessment** of floodplain health.

**** If yes, then a functional assessment must be completed and attached to the ERI (see ECM 1.7 and Appendix X for forms and guidance) unless conditions 1 or 3 above apply.**

7. IF THE SITE IS WITHIN AN URBAN OR SUBURBAN WATERSHED, DOES THIS PROJECT PROPOSE A UTILITY LINE PARALLEL TO AND WITHIN THE CRITICAL WATER QUALITY ZONE? YES*** NO

*****If yes, then riparian restoration is required by LDC 25-8-261(E) or City Code 30-5-261(E) and a functional assessment must be completed and attached to the ERI (see ECM1.5 and Appendix X for forms and guidance).**

8. There is a total of 2 (#s) Critical Environmental Feature(s)(CEFs) on or within 150 feet of the project site. If CEF(s) are present, attach a detailed **DESCRIPTION** of the CEF(s), color **PHOTOGRAPHS**, the **CEF WORKSHEET** and provide **DESCRIPTIONS** of the proposed CEF buffer(s) and/or wetland mitigation. Provide the number of each type of CEFs on or within 150 feet of the site (Please provide the number of CEFs):

2 (#s) Spring(s)/Seep(s) ____ (#s) Point Recharge Feature(s) ____ (#s) Bluff(s)
 ____ (#s) Canyon Rimrock(s) ____ (#s) Wetland(s)

Note: Standard buffers for CEFs are 150 feet, with a maximum of 300 feet for point recharge features. Except for wetlands, if the standard buffer is not provided, you must provide a written request for an administrative variance from LDC 25-8-281(C)(1) and provide written findings of fact to support your request. Request forms for administrative variances from requirements stated in LDC 25-8-281 are available from Watershed Protection Department.

9. The following site maps are attached at the end of this report (Check all that apply and provide):

All ERI reports must include:

- Site Specific Geologic Map with 2-ft Topography
- Historic Aerial Photo of the Site
- Site Soil Map
- Critical Environmental Features and Well Location Map on current Aerial Photo with 2-ft Topography

Only if present on site (Maps can be combined):

- Edwards Aquifer Recharge Zone with the 1500-ft Verification Zone
(Only if site is over or within 1500 feet the recharge zone)
- Edwards Aquifer Contributing Zone
- Water Quality Transition Zone (WQTZ)
- Critical Water Quality Zone (CWQZ)
- City of Austin Fully Developed Floodplains for all water courses with up to 64-acres of drainage

10. **HYDROGEOLOGIC REPORT** – Provide a description of site soils, topography, and site specific geology below (Attach additional sheets if needed):

Surface Soils on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups*. If there is more than one soil unit on the project site, show each soil unit on the site soils map.

Soil Series Unit Names, Infiltration Characteristics & Thickness			*Soil Hydrologic Groups Definitions (<i>Abbreviated</i>)
Soil Series Unit Name & Subgroup**	Group*	Thickness (feet)	
			A. Soils having a <u>high infiltration</u> rate when thoroughly wetted. B. Soils having a <u>moderate infiltration</u> rate when thoroughly wetted. C. Soils having a <u>slow infiltration</u> rate when thoroughly wetted. D. Soils having a <u>very slow infiltration</u> rate when thoroughly wetted. **Subgroup Classification – See <u>Classification of Soil Series</u> Table in County Soil Survey.

Description of Site Topography and Drainage *(Attach additional sheets if needed):*

List surface geologic units below:

Geologic Units Exposed at Surface		
Group	Formation	Member

Brief description of site geology *(Attach additional sheets if needed):*

Wells -- Identify all recorded and unrecorded wells on site (test holes, monitoring, water, oil, unplugged, capped and/or abandoned wells, etc.):

There are ___(##) wells present on the project site and the locations are shown and labeled
___(##s)The wells are not in use and have been properly abandoned.
___(##s)The wells are not in use and will be properly abandoned.
___(##s)The wells are in use and comply with 16 TAC Chapter 76.
There are ___(##s) wells that are off-site and within 150 feet of this site.

11. THE VEGETATION REPORT – Provide the information requested below:

Brief description of site plant communities (Attach additional sheets if needed):

Most of the project site is devoid of vegetation as can be seen on the attached photos. Bermuda Grass is dominate for hte areas will grass coverage. The existing depression has a variety of volunteer trees having grown since the last application of cap material in the 80s. The tree survey shows the types and sizes of the trees.

There is woodland community on site YES NO (Check one).

If yes, list the dominant species below:

Woodland species	
Common Name	Scientific Name
Hackberry	
Ash	
Willow	
Mesquite	
Cypress	

There is grassland/prairie/savanna on site..... YES NO (Check one).

If yes, list the dominant species below:

Grassland/prairie/savanna species	
Common Name	Scientific Name
Bermuda	

There is hydrophytic vegetation on site YES NO (Check one).

If yes, list the dominant species in table below (next page):

Hydrophytic plant species		
Common Name	Scientific Name	Wetland Indicator Status

A tree survey of all trees with a diameter of at least eight inches measured four and one-half feet above natural grade level has been completed on the site.

YES NO (Check one).

12. WASTEWATER REPORT – Provide the information requested below.

Wastewater for the site will be treated by (Check of that Apply):

- On-site system(s)
- City of Austin Centralized sewage collection system
- Other Centralized collection system

Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with City Code Chapter 15-12 and wells must be registered with the City of Austin

The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.

YES NO (Check one).

Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan.

YES NO Not Applicable (Check one).

Wastewater lines are proposed within the Critical Water Quality Zone?

YES NO (Check one). If yes, then provide justification below:

No on site wastewater facilities are proposed. Only temporary, port a potty, collection could be located on site.

Is the project site is over the Edwards Aquifer?

YES NO (Check one).

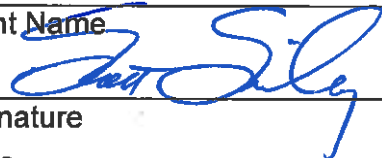
If yes, then describe the wastewater disposal systems proposed for the site, its treatment level and effects on receiving watercourses or the Edwards Aquifer.

No wastewater collection is provided. Any temporary wastewater generated on site will be hauled to appropriate disposal locations. Port a potty.

13. One (1) hard copy and one (1) electronic copy of the completed assessment have been provided.

Date(s) ERI Field Assessment was performed: 3/2017 and 6/2017
Date(s)

My signature certifies that to the best of my knowledge, the responses on this form accurately reflect all information requested.

Scott Smiley	512-342-3217
Print Name <u>Scott Smiley</u>	Telephone
Signature <u></u>	Email Address <u>scott.smiley@atkinglobal.com</u>
Atkins	Date <u>12/12/2017</u>
Name of Company	Date

For project sites within the Edwards Aquifer Recharge Zone, my signature and seal also certifies that I am a licensed Professional Geoscientist in the State of Texas as defined by ECM 1.12.3(A).

P.G.
Seal

**Environmental Resource Inventory
Waiver Request Form**
For The City of Austin
Related to LDC 25-8-121(D) or City Code 30-5-121(D)

GENERAL SITE INFORMATION:

1. SITE/PROJECT NAME: Austin City Limits Staging Area
2. COUNTY APPRAISAL DISTRICT PROPERTY ID (#'s): 105461
3. ADDRESS/LOCATION OF PROJECT: 2236 1/2 Stratford Drive, Austin TX 78746
4. WATERSHED: Lady Bird Lake

5. THIS SITE IS WITHIN THE (Check all that apply)
- Edwards Aquifer Recharge Zone* (See note below)..... YES No
- Edwards Aquifer Contributing Zone*..... YES No
- Barton Spring Zone* YES No
- *(as defined by the City of Austin – LDC 25-8-2 or City Code 30-5-2)

6. DOES THIS PROJECT PROPOSE FLOODPLAIN MODIFICATION? YES** NO
- IF YES, THEN DO ANY OF THE FOLLOWING CONDITIONS APPLY? (check all that apply):
- (1) The floodplain modifications proposed are necessary to protect the public health and safety;
- (2) The floodplain modifications proposed would provide a significant, demonstrable environmental benefit, as determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual (ECM), or
- (3) The floodplain modifications proposed are necessary for development allowed in the critical water quality zone under LDC 25-8-261 or 25-8-262, City Code 30-5-261 or 30-5-262.
- (4) The floodplain modifications proposed are outside of the Critical Water Quality Zone in an area determined to be in poor or fair condition by a functional assessment of floodplain health.

**** If yes, then a Functional Assessment must be completed and attached to the ERI (see ECM 1.7 and Appendix X in the Environmental Criteria Manual for forms and guidance) unless conditions 1 or 3 above apply.**

7. DOES THIS PROJECT PROPOSE AN UTILITY LINE PARALLEL TO AND WITHIN THE CRITICAL WATER QUALITY ZONE? YES*** NO

*****If yes, then riparian restoration is required by LDC 25-8-261(E) and a Functional Assessment must be completed and attached to the ERI (see ECM 1.5 and Appendix X in the Environmental Criteria Manual for forms and guidance).**

REQUIRED INFORMATION FOR WAIVER REQUEST:

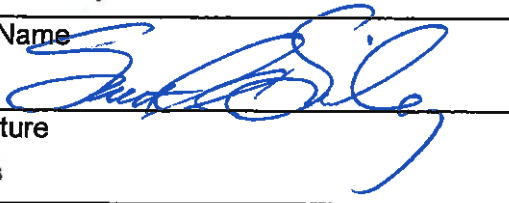
Pursuant to LDC 25-8-121(D) or City Code 30-5-121(D), the Director of the Watershed Protection Department (WPD) may permit an applicant to exclude information that is required in ERI report if the Director determines that the information is unnecessary because of the scope or nature of the proposed development. Please provide the requested information below to WPD for review. **Please be advised, if granted, this waiver may be rescinded in the future, if new information is discovered during the review process that requires that an ERI be completed for this site.**

1. A NARRATIVE DESCRIPTION of current site conditions and justifications to support the granting of the waiver request are attached at the end of this form.
2. The following MAPS of the site is attached:

(Map Information available at <http://www.austintexas.gov/GIS/DevelopmentWebMap/Viewer.aspx>)

- Site Location Map
- Historic Aerial Photo at least 15 years old
- Current Aerial Photo
- Topographic Map with a 2 feet contour interval

To the best of my knowledge, the responses to this form accurately and thoroughly reflect all information requested.

Scott A. Smiley	512-342-3217
Print Name 	Telephone
Signature	scott.smiley@atkinsglobal.com
Atkins	Email Address
Name of Company	12/12/2017
	Date

WATERSHED PROTECTION DEPARTMENT USE ONLY.

The waiver requested from LDC 25-8-121(D) of City Code 30-5-121(D) for the above reference project has been:

- Denied Approved Rescinded Approved with TCEQ Geologic Assessment

Reasoning for denial:

- Formal and/or administrative variances are required for this proposed development.
- Critical Environmental Features are present on or within 150 feet of site boundaries.
- The information provided is incomplete (see comments below).
- Denied, but the following sections can be omitted (see comments below).
- Other

Comments:

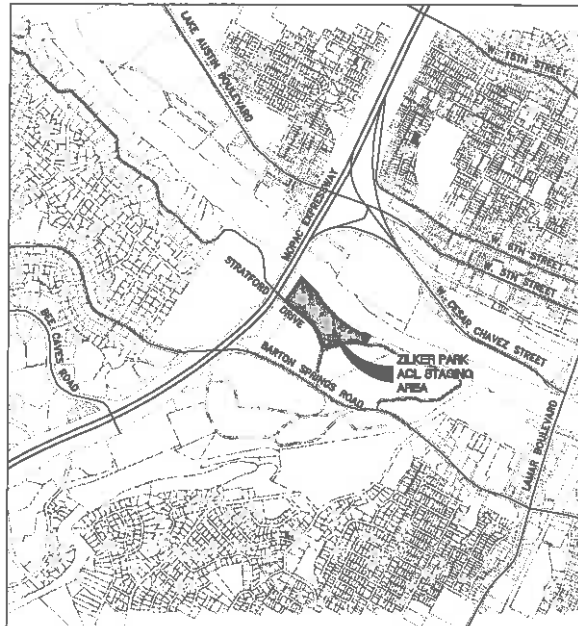
Reasoning for Approval (*This form must be included with submittal materials and referenced in your Engineer's Report and/or Summary*):

- No Critical Environmental Features are present on or within 150 feet of the site boundaries.
- The site has existing impervious cover and no significant undisturbed natural areas.
- No floodplains, slopes >15%, CWQZs, WQTZs, wetlands, and the Edwards Aquifer contributing zone are present on site and TCEQ Geologic Assessment has been completed and will be submitted (*Only for sites within the Edwards Aquifer*)
- Other:

Comments:

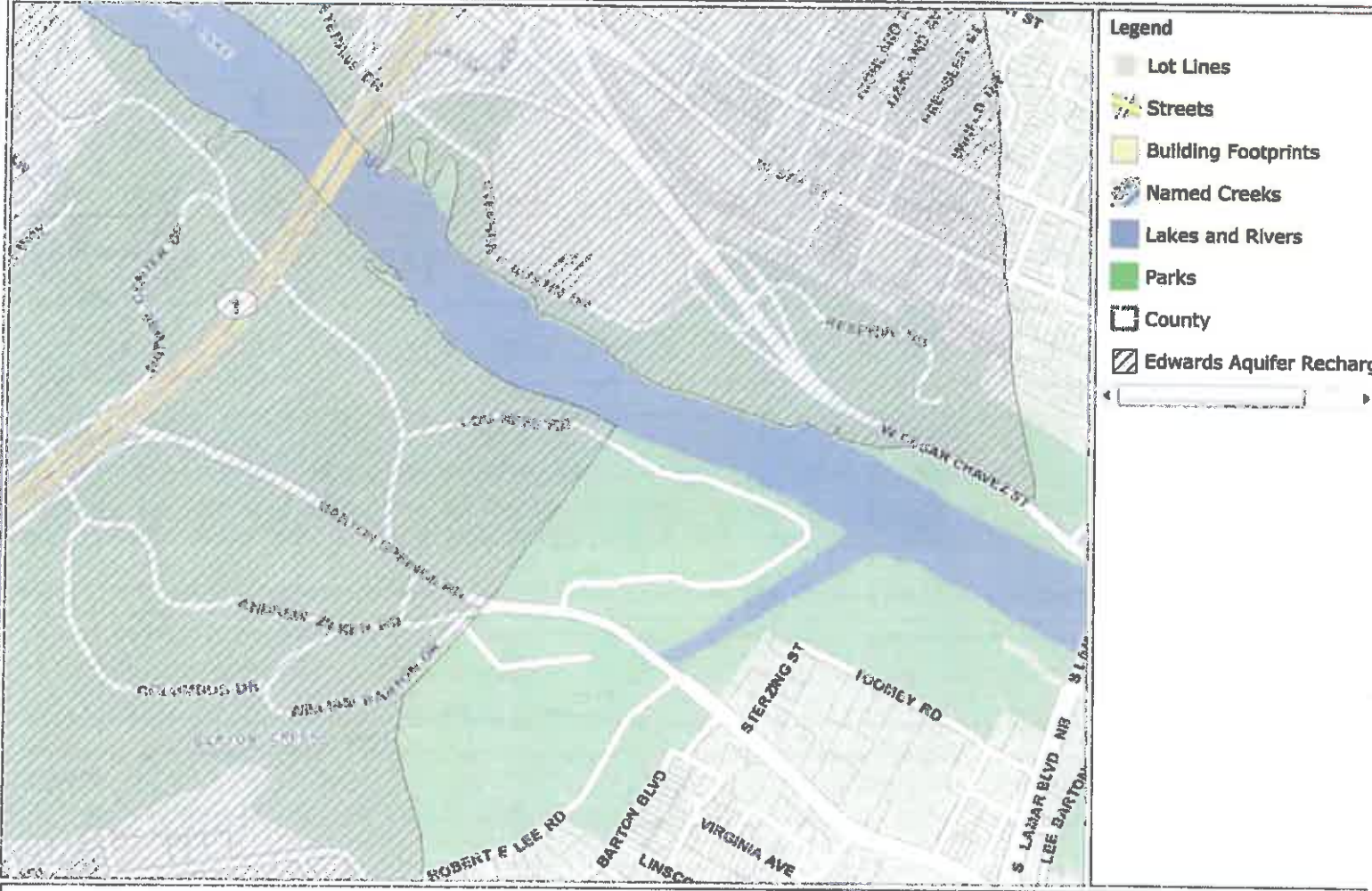
ERM Reviewer (Print Name)

If you have questions on how to fill out this form, please contact the Watershed Protection Department at 512/974-2550.



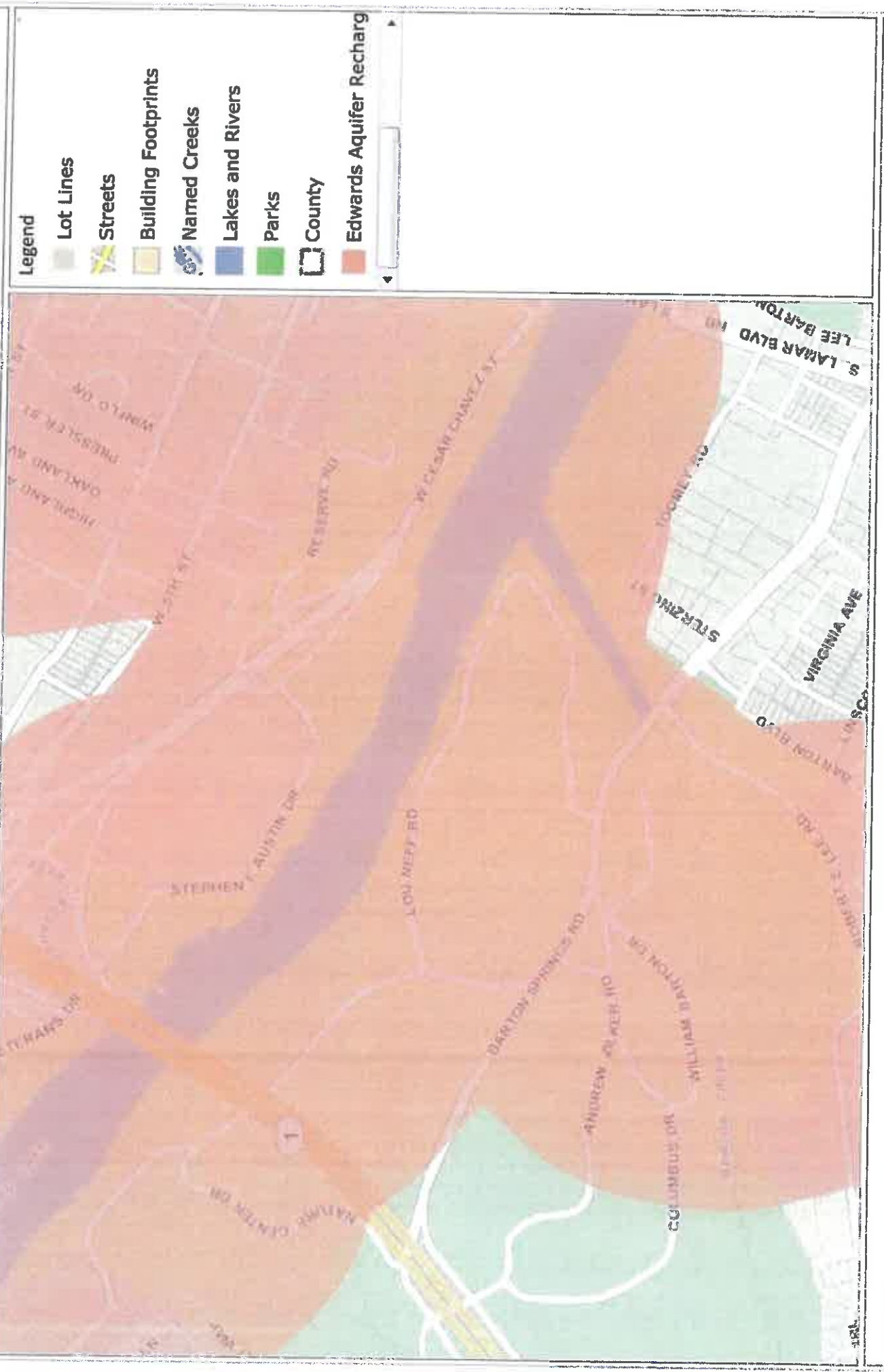
LOCATION MAP
N.T.S.

EA AQUIFER RECHARGE MAP



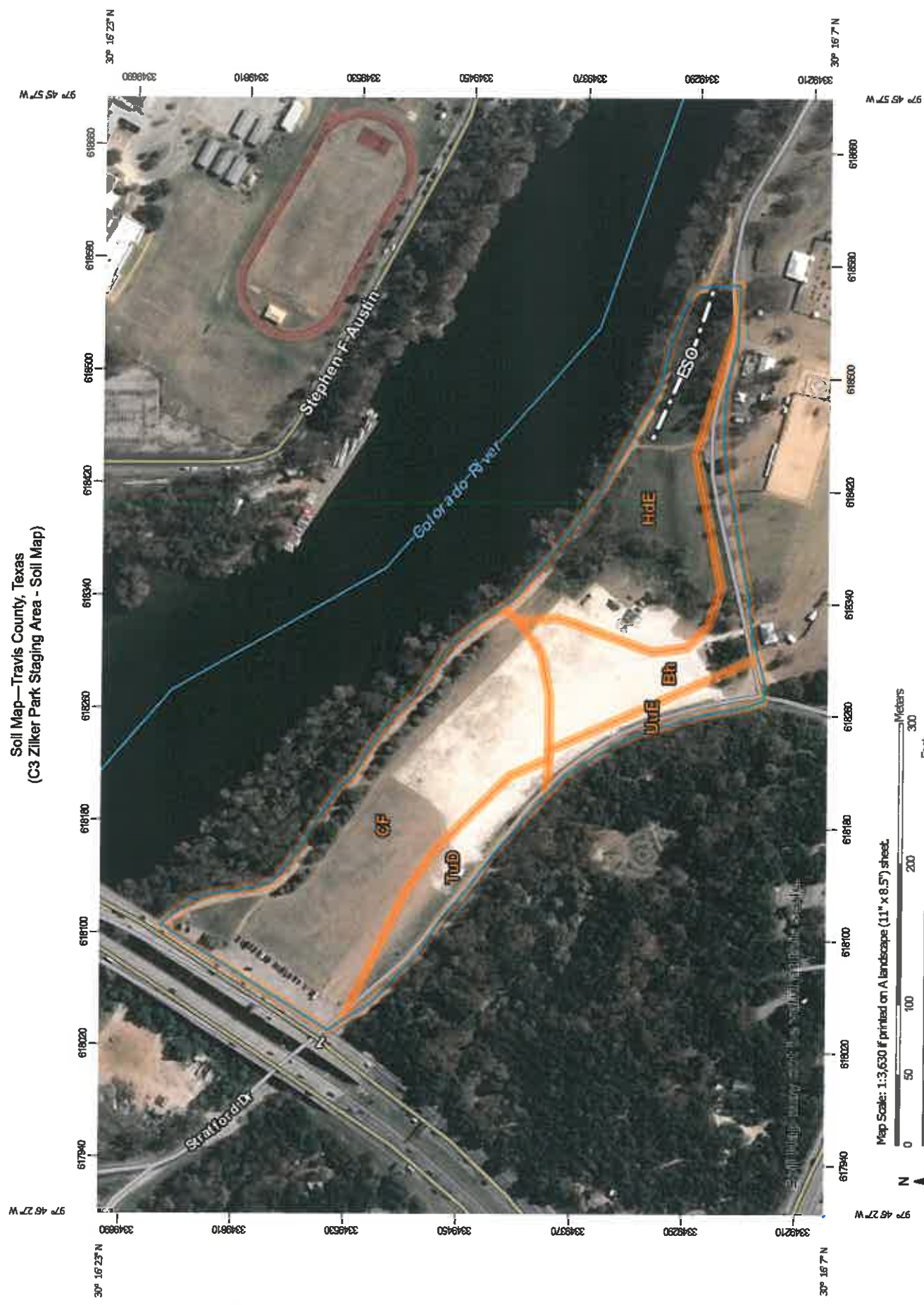
THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES. THIS PRODUCT HAS BEEN PRODUCED BY THE CITY OF AUSTIN FOR THE SOLE PURPOSE OF GEOGRAPHIC REFERENCE. NO WARRANTY IS MADE BY THE CITY OF AUSTIN REGARDING SPECIFIC ACCURACY OR COMPLETENESS.

EA AQUIFER RECHARGE VERIFICATION MAP



THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES. THIS PRODUCT HAS BEEN PRODUCED BY THE CITY OF AUSTIN FOR THE SOLE PURPOSE OF GEOGRAPHIC REFERENCE. NO WARRANTY IS MADE BY THE CITY OF AUSTIN REGARDING SPECIFIC ACCURACY OR COMPLETENESS.

Soil Map—Travis County, Texas
(C3 Zilker Park Staging Area - Soil Map)



Map Scale: 1:3,630 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/13/2017
Page 1 of 3

MAP LEGEND

- Area of Interest (AOI)
- Area of Interest (AOI)
- Soils**
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points
- Special Point Features**
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Water Features**
- Streams and Canals
- Transportation**
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads
- Background**
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Travis County, Texas
Survey Area Data: Version 19, Nov 8, 2017

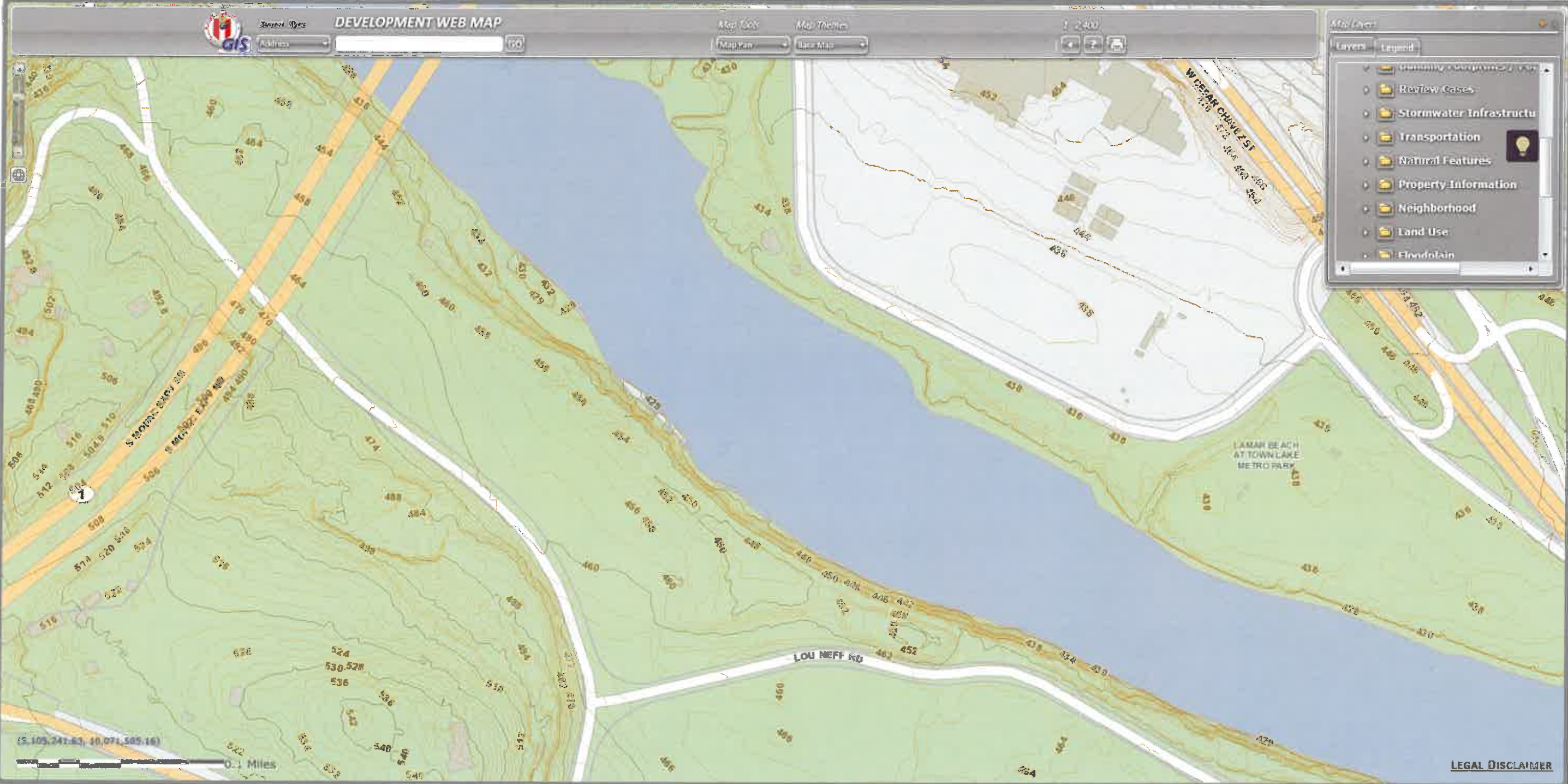
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres In AOI	Percent of AOI
Bh	Bergstrom soils and Urban land, 0 to 2 percent slopes, rarely flooded	2.7	16.2%
CF	Cut and fill land, 1 to 20 percent slopes	7.2	42.6%
HdE	Hardeman soils and Urban land, 3 to 12 percent slopes	4.7	27.6%
TuD	Travis soils and urban land, 1 to 8 percent slopes	1.5	8.6%
UuE	Urban land and Brackett soils, 1 to 12 percent slopes	0.8	5.0%
Totals for Area of Interest		16.9	100.0%



DEVELOPMENT WEB MAP

Search Type: Address

Map Tools: Map Pan | Map Themes: 2012 Trail Color | Scale: 1:2,400

Map Layers:

- Community Substructure
- Review Cases
- Stormwater Infrastructure
- Transportation
- Natural Features
- Property Information
- Neighborhood
- Land Use
- Floodplain

DEVELOPMENT WEB MAP

Search Type: Address:

Map Tools:

Map Layers

- Planning Information & Data
- Review Cases
- Stormwater Infrastructure
- Transportation
- Natural Features
- Property Information
- Neighborhood
- Land Use
- Fluvial/In

View all photos

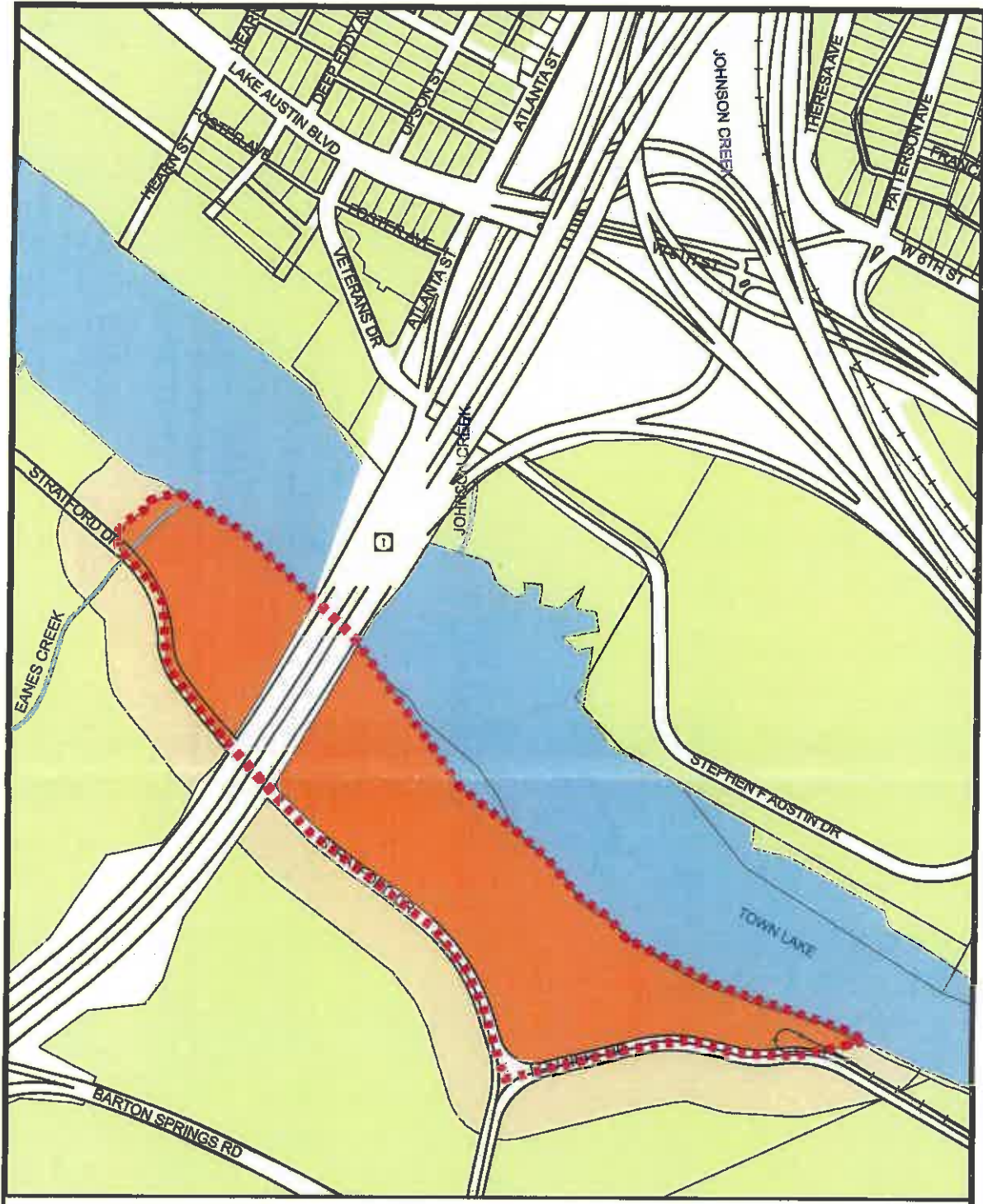
Share Zoom Slideshow Draw Edit Rotate





- District Development 2
- Regional Utilities - MUC
- 2014 Impact Fee Servi
- Austin Energy Electric
- Edwards Aquifer R
- Edwards Aquifer R
- Austin Watershed Regu
- Underground Storage T


DEVELOPMENT WEB MAP | Search: [] | Map Tools | Map Control | 1:0:00 | Layers Legend



#7. Butler



- | | | |
|-----------------------------------|------------------------------------|------------------|
| Landfill Features | City of Austin Jurisdiction | Lot Lines |
| Estimated Landfill Boundary | FULL | Roads |
| Landfill | LTD | Water features |
| Landfill Buffer | 2 MILE | |
| | 5 MILE | |



Watershed Protection Development Review

Watershed Protection & Development Review Department, The City of Austin produced this map for the sole purpose of use as a work resource and as an estimated boundary of landfills in & around Austin. The City of Austin does not warrant the map &/or information regarding its accuracy or completeness. Reproduction is not permitted without permission from the City of Austin-Watershed Protection & Development Review Department.

Date: 09.20.2009



Key

- Camper
- Counselor
- ⊗ Ropes Course Element
- ▭ Picnic Table
- Where the 12' stone wall was before removal



2016

3-6' camp

Key

- Camper
- Counselor
- Archery Target
- ▭ Picnic Table
- Where the 12' stone wall was before removal



Key

- Camper
- Counselor
- ⊗ Ropes Course Element
- ▭ Picnic Table
- Where the 12' stone wall was before removal

Stratford Drive Redevelopment

Parks and Recreation Board

Reynaldo Hernandez, PLA, Project Management Supervisor, Parks and Recreation Department

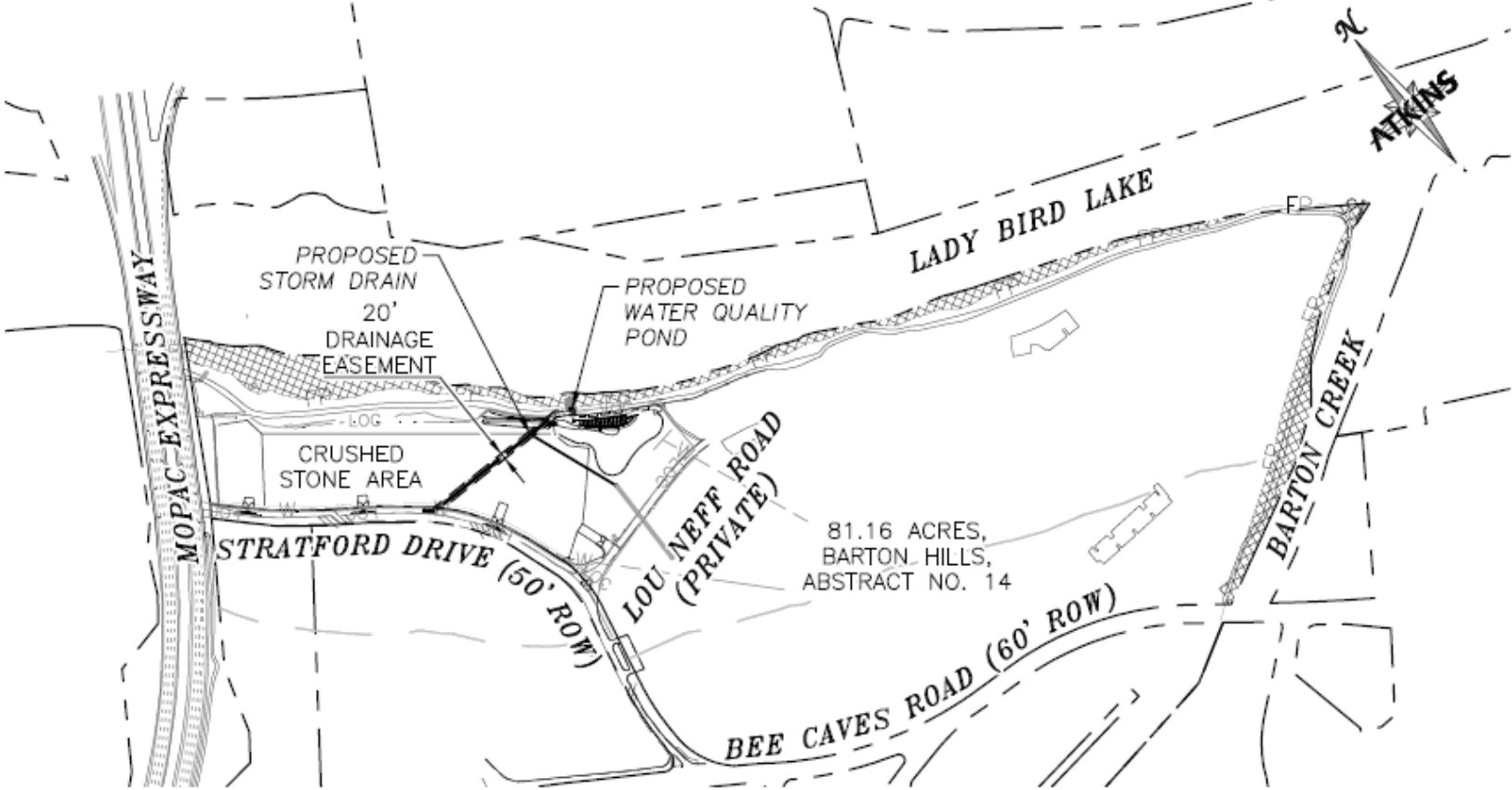
Tony Arnold, Project Manager, Parks and Recreation Department

Scott Smiley, P.E., Division Manager / Vice President, Atkins

May 22, 2018



Site Plan



LEGEND

- FP- EXISTING FLOOD PLAIN
- LOC LIMITS OF CONSTRUCTION
- [Hatched Box] FLOOD PLAIN EASEMENT AREA

ZILKER PARK-FLOOD PLAIN EXHIBIT



Austin Nature & Science Center

Johnson Branch

Texas Rowing Center

Austin High School

Zilker Botanical Garden

Zilker Metropolitan Park

Zilker Zephyr Miniature Train

Barton Springs Municipal Pool

Austin Pets Alive!

Google

Purpose

- Improve drainage
- Improve water quality
- Minimize erosion
- Protect and re-grade the Butler landfill clay cap
- Improve park operations :
 - Event staging for large events including ACL and Trail of Lights
 - Overflow parking space for events at Zilker Botanical Garden Center and Austin Nature and Science Center

The Stratford redevelopment project is sponsored by Austin Parks Foundation, C3 Presents and the Parks and Recreation Department





Project Scope

Phased rehabilitation and redevelopment of the Butler landfill

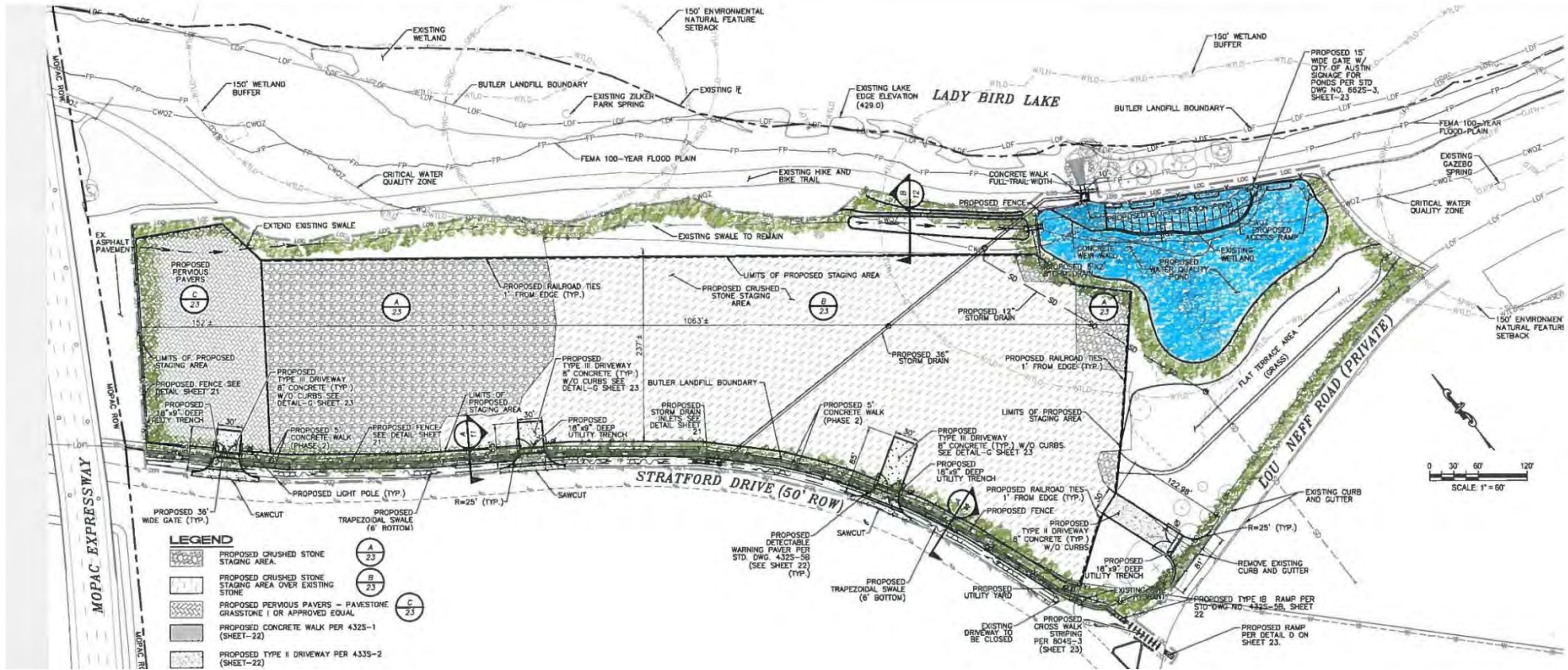
- Project will include:
 - Protection of landfill clay cap
 - New storm water quality control structure
 - Drainage
 - Landscape and pedestrian access

- Permits
 - Texas Commission on Environmental Quality (TCEQ) – State of Texas
 - Site Development Permit – City of Austin

- Phases
 - Phase 1 – Lot improvements
 - Phase 2 – Water quality control structure



Phasing Plan



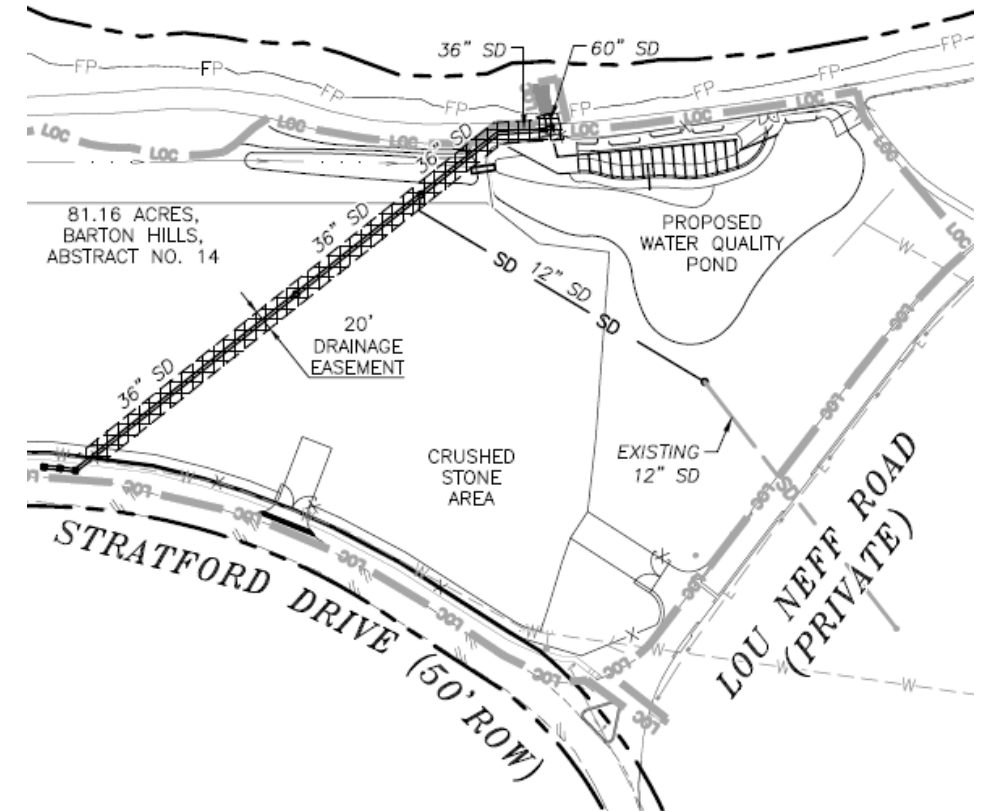
Phase 1 – Lot Improvements



Phase 2 – Water Quality Control Structure

Site Improvements

- Measures to capture and redirect drainage and minimize erosion
- Water quality pond
- Pedestrian circulation improvements with the addition of walkway along Stratford Dr
- Entry driveways off Lou Neff Road and Stratford Drive
- Crushed stone and pervious 'Grasstone' pavers installation
- Dust control
- Better access to the trail
- Beautification of the park grounds with new landscaping, trees, and fence



**ZILKER PARK-DRAINAGE EASEMENT
EXHIBIT**

GRAPHIC SCALE



Tentative Schedule

- Site Development Permit: June 2018
- TCEQ permit: June 2018

- Phase 1: Late June – early Sept 2018
allows for use of the staging area by ACL and the Trail of Lights

- Phase 2: Mid January – March 2019



Thank You!

Contact:

Tony Arnold, Project Manager, Parks and Recreation Department

Tony.Arnold2@austintexas.gov



Zilker Park - Stratford Lane – Butler Landfill Redevelopment Environmental Commission

Reynaldo Hernandez, PLA, Project Management Supervisor, Parks and Recreation Department

Tony Arnold, Project Manager, Parks and Recreation Department

Scott Smiley, P.E., Division Manager / Vice President, Atkins

June 20, 2018



Project Catalyst

- Drought and the following heavy rains created conditions that prompted complaints from park users and community, 2015
- Zilker Botanical Garden parking conditions and need where elevated to City Manager, 2015
- Park Land Events Task Force recommendation to consider removing the parking of cars at the Polo Fields
- Required maintenance timeframe
- Environmental concerns raised by the Parks and Recreation Department (PARD) regarding cap conditions



Where we are today

- Development Services Department (DSD) and Watershed Protection Department (WPD) authorized action to address immediate concerns that would be followed by a site plan process addressing an interim solution
- Current condition is unpermitted, non Texas Commission of Environmental Quality (TCEQ) compliant, environmentally inferior and does not address critical water quality concerns
- Interim design solution positively addresses deficiencies associated with the City of Austin and TCEQ compliance, water quality concerns and the periodic maintenance of the cap
- PARD acknowledges need for implementing a master plan for Zilker Park that would include a long term parking plan. Interim project does not preclude the Master Plan



Where we are today (cont.)

- Interim project provides the opportunity for the rehabilitation of the Zilker Polo Fields from overflow parking which represents a larger ongoing environmental hazard created by this type of use
- Not moving forward with the interim improvements heightens and prolongs the environmental impacts at the Butler Landfill and Polo Fields as no alternative overflow and event space area is available for ongoing Zilker Park amenity programming and current events



Project Improvement Benefits

- All weather surface material, budget friendly and easily removable
- Use of 'grasstone' at high and continuous use area near Mopac
- Gravel provides improved surface protection and positive drainage
- Overall reduction of total overflow parking and event staging area
- Water quality structure including bio-swale to address water quality concerns
- Pedestrian circulation improvements with the addition of walkway along Stratford Dr.
- Enhanced access to the hike and bike trail
- Allows for removal of overflow parking at the Polo Fields



Tentative Schedule

- Site Development Permit: June – July 2018
- TCEQ permit: June – July 2018
- Phase 1: Commence late June or early July, 2018 – complete early Sept 2018
allows for use of the staging area by ACL and the Trail of Lights
- Phase 2: Mid January – March 2019



Thank You!

Contact:

Reynaldo Hernandez PLA, Project Management Supervisor, Parks and Recreation
Department
Reynaldo.hernandez@austintexas.gov



Landfill Boundary



Zilker Metropolitan Park

Legend

0 1250 500 750 Feet
Date: 2/16/2017

Environmental Commission questions re. Zilker Park - Stratford Drive staging and temporary parking area

Commissioner	Question	Response - PARD, WPD and Atkins
Wendy Gordon	1 Would the proposed "temporary" fix make it difficult or expensive to install a vegetated cap in the future?	Any material (gravel/stone) placed for cover will need to be removed prior to preparing the site for a vegetative cover. However, the cost to remove the proposed rock is relatively small.
	2 There was a mention of a controlled gate around the area, but then the area is also described as parking for lots of different facilities and programs (e.g., Nature & Science Center, Botanical Gardens, special events). So I am having difficulty reconciling a locked area with general parking and want clarification about a fence and gate.	Gates to the lot area are provided to allow PARD to appropriately manage and maintain the area. Between the gates a split rail fence will be installed to avoid indiscriminate entry and exit from the property.
Linda Guerrero	3 Is the agenda item posting correct?	Yes
	4 How large (length) is the proposed pond? How many feet?	Pond Data: Sedimentation 40K cf, 30K sf, Bio Filtration 18.7K 7.4K, Liner Area 45K sf. The total area of the existing pond will remain relatively the same in size as currently exists. The proposed improvements in situ will provide for code compliant and superior conditions.
	5 Estimate cost of a 3 level parking garage on the existing parking lot near the polo fields	Price varies from \$20,000 to \$25,000 per parking space. That would equate to a parking structure of a cost equivalent to 20-25 million for equal no. of spaces.
	6 Waterfront overlay requirements - both primary and secondary setbacks (is this project in violation?)	Only a portion of the project, the bio filtration basin is in the primary setback. There are no violations of the criteria.
	7 Best practices for landfills- examples of soil and vegetation as a preferred option.	Vegetative cover is the standard coverage for landfills and is allowable through TCEQ. Other coverage use will need to be approved by TCEQ. The proposed plans are currently being reviewed by TCEQ. The project objective is to create a useable staging area, which could then be used for overflow parking and also for replacement of parking under MOPAC when it goes under construction. Based on the desired use this is the best treatment of the cap and is supported by TCEQ.
	8 Does all the money (1.7?) offered by C3 being used for the project? Or does a percentage of the funding go to APF?	APF is funding the entire cost of the project, including design and construction fees. Construction costs may exceed the estimated \$1.7M.
	9 Examples of porous paving material for the project	Grass Pave, Gravel pave, Geo Web supported Stone. These paving alternatives can be utilized to provide a reinforced and stable cap cover. Grass Pave and Geoweb are designed to incorporate vegetation. However, to maintain the vegetation cover a consistent and large amount of water would be required to be applied. In addition, these material are more expensive and labor intensive, and thus less appropriate for temporary applications.
	10 What is going to happen to the pond that currently exists near the train tracks? Why build another pond when one exists?	There are two ponds, no modifications are being proposed to the pond or trees east of the trail connector path to the train turn around. The pond being impacted does not change in size, it is only being modified to meet drainage criteria per city code.
	11 List the number of additional electrical boxes requested from C3? List any other additional requests for use of land to build accessory needs for the concerts.	No new electrical improvements are being proposed
	12 List Alternative solutions-transit plan?	PARD is actively discussing and exploring alternative transit solutions.
	13 What is the total cost to remediate the entire landfill – I know this is not a realistic option but we need the estimate to inform the public	The landfill contains an estimated 1,000,000 CY of material. At approximately \$15 per CY to pick it up and haul to another landfill plus \$20,000,000 to refill the hole, the City would need \$35,000,000 plus dumping fees and restoration. The total could reach \$50,000,000. This amount does not include design or permitting cost.

Hank Smith

14	What are the parking and staging requirements for the on-going daily operations of the nature center, garden center, etc.?	Nature Center (ANC) - 1-4 buses a week during summer, 4 buses and 30 cars multiple times a week starting October 1 through early June. Summer Camp drop off June through August 40 -60 cars morning and afternoon. For larger events 6-8 time per year, approx. 2,000 people max includes after hour club meetings and volunteer groups. Zilker Botanical Garden - Overflow need occurs one or twice a week for up to 50 cars. School year brings up to 5 buses, multiple times a week. Events - March - June min. of 50 cars. For wedding events all guest must utilize the Stratford lot. 10-15 special events per year held require 150-200 spaces. For larger special events, all parking directed to the Stratford lot, primary lot is used for handicap parking and special needs. Lot is used by volunteers for special events 15-20 times a year requiring 30-50 parking spots and even 90 on large events. Minimal staging purposes for the Zilker Botanical Garden. May require a staging area to accommodate growth for Dinoland and Minotaur Mazes.
15	What is the cost to remediate the Polo grounds to a usable grass area that will function to recharge?	Aerate, add soil amendments, seed and water. An alternative would be to till the soil to a depth of 12" for optimum results. PARD Maintenance and Operations team estimate a cost close to \$1.2 million.
16	What is the timing of: Mopac closure?	Per Central Texas Regional Mobility Authority (CTRMA) web site - Environmental study is projected to be completed in 2019. Actual closure may occur within one to two years after completion of the environmental study. Only the MOPAC right of way will be closed off for use. That area is immediately below the Mopac bridge span. Any additional area required by CTRMA, will need to be reviewed by PARD and undergo the Chapter 26 process.
17	What is the timing of: the motion for the Park Board they are requesting?	The Parks Board will meet again on June 26, 2018. This project will be on the agenda, and the Parks Board is looking for a recommendation from the Environmental Commission.
18	What is the timing of: the need for a recommendation for the permit being processed?	The project will return to the Environmental Commission (located in the Waterfront Overlay). EC's recommendation will be required for Site Plan approval, once all comments are cleared.
19	Why is the City not considering some type of grass pave on at least a portion of the cap?	The structure recommendation for grass pave is graded granular material and then a thin growing medium. This will not sustain grass without significant irrigation. We also considered Geo Web to stabilize the stone but the cost was considerable. Grass pave is being considered closest to Mopac. These solutions have significantly higher costs and are labor intensive. They are more appropriate as long-term solutions and may not be the best approach for a temporary project with a shorter life-span.
20	What are the irrigation limitations on the cap?	To sustain vegetation coverage year round extensive irrigation would be required. The existing infrastructure for lake water irrigation is not sufficient to support the Stratford staging area. Potable water use would be cost-prohibitive and environmentally unsustainable.
21	What are the parking limitations on the cap?	Generally, parking is an allowable use as long as the cap and its protection are sustained. Avoidance of disturbance of the landfill cap is required for any and all uses. Therefore, use when wet causing rutting and depressions is not acceptable.
22	Who can develop a scope for a Zilker Park Master Plan and what would that cost?	PARD would develop the Master Plan scope with input from stakeholders. The cost for the Barton Springs Bathhouse Zone Vision Plan is at \$600K. A Master Plan for Zilker Park would probably surpass that amount given the size of the park and the scope of items to be included.
23	Who can develop a scope for a Zilker Park transit / parking plan and what would that cost?	PARD with support from the Austin Transportation Department can develop the scope, and will be followed by solicitation through the Capital Contracting Office for a Professional Service Agreement. Stand alone cost would probably exceed \$200K. PARD is currently researching the potential to incorporate the traffic / parking / connectivity study in the current solicitation for the Barton Springs Bathhouse Zone Vision Plan.
24	What is the minimum amount of gravel parking /staging area needed today and can the existing permit be modified to limit only a portion of the cap to the necessary parking / staging and still install the water quality for the entire site? The balance of the cap should be topped with organic soil and vegetation if allowable.	The area as proposed is fully used during staging activities. The proposal establishes an area that is 30' less in width for staging activities. Outside the lot area, the remainder of the cap is vegetated already.

	25	Can the off-site runoff be routed through the proposed pond with a bypass (splitter box) for higher flows so that the entire cap area runoff is always treated and the off-site is only treated at lower storm events?	Drainage from the cap is being treated through the proposed pond. The proposed option for off site drainage is viable and would require additional studies and coordination with WPD and DSD.
	26	What are the requirements for height and width of berms to allow for more substantial vegetative planting on the landfill?	Tree roots are the issue here so deeper rooting trees would not be preferred. Trees currently selected are considered small decorative trees.
	27	What is the edge condition of the water treatment pond?	The liner will stop below grade at the pond edge. Native vegetation will be provided on the slope of the pond to the top edge. The plantings will transition to turf grasses at the flat terrace area.
	28	Where will the trailhead infrastructure be located and what exactly is being proposed?	An improved trail head is located just west of the water quality pond where the box culvert is proposed. This existing foot path will be widened to better function as a trail head leading to the main hike and bike trail. A split rail fence and additional landscaping will help define this trail head.
	29	Where are trailside plantings and planters being proposed?	Four (4) planters are located in the bio filtration chamber with 8 trees and another planter in the sedimentation chamber with 4 trees.
	30	What needs to be done to the polo fields (if parking is no longer allowed) to ensure they are functioning at a high level for water quality and quantity considerations?	Aerate, add soil amendments, seed and water. An alternative would be to till soil to a depth of 12" for optimum results.
	31	How much will restoration of the polo fields cost?	PARC Maintenance and Operations team estimates the restoration cost at Polo Fields at approximately \$1.2 million. As another reference, restoring the lawn at Republic Square came at about \$3.00 per sq. ft. and included replacement of soil, soil amendments, lawn and irrigation.
	32	What alternative staging sites are proposed/available for major events staging?	None at this time, besides the Polo Fields.
	33	What is PARC's estimate of cost for a Zilker Park Master Plan that includes rigorous Traffic Demand Management considerations in addition to items traditionally considered in a holistic and comprehensive park master plan?	PARC would develop the Master Plan scope with input from stakeholders. The cost for the Barton Springs Bathhouse Zone Vision Plan is \$600K. A Master Plan for Zilker Park would probably surpass that amount given the size of the park and the scope of items to be included.
	34	What is the cost of complete remediation of the landfill?	The landfill contains an estimated 1,000,000 CY of material. At approximately \$15 per CY to pick it up and haul to another landfill plus \$20,000,000 to refill the hole, the City would need \$35,000,000 plus dumping fees and restoration. The total could reach \$50,000,000. This amount does not include design or permitting cost.
	35	What are the opportunities available to the City from federal remediation dollars - i.e. should we attempt to classify the site as a Superfund site and attempt to secure federal funding to help remediate?	This site is unlikely to qualify as a Superfund and effort would likely take many years.
	36	How has PARC evaluated the condition of the landfill during their assessments of park damage after major events?	PARC evaluates the grounds of the park after every event through visual onsite inspections. In the case of this specific question, regarding the Stratford field area, ruts or depressions would be required like any other space to be filled or rolled level appropriately.
Katie Coyne	37	What is the revised schedule PARC is proposing to accommodate the more rigorous review process we are mandating?	To be determined and based on the direction the Environmental Commission proposes for PARC. Changes to the construction documents are possible.
	38	What modeling or calculation has been done to show that the proposed design and materials of the new lot will allow heavy use without having a degrading impact on the landfill?	6" of crushed stone material on top of a compacted subgrade is a light duty pavement capable of handling occasional heavy loading. Increasing it to 8" would accommodate more frequent heavy loading. TCEQ has reviewed the plans and is about to approve the installation. They are charged with controlling the landfill caps of the State and do not see this as an issue.
	39	What specific changes were made to the design based on stakeholder impact - please list all stakeholders mentioned in our initial briefing?	Addition of tree planters and trees in the pond. Trailhead culvert and new berm. Addition of spit rail fence. Enhancement of flat terraces along Lou Neff. Alteration to outlet to avoid trail wash out/erosion. Stakeholders included The Trail Foundation, Austin Parks Foundation, the Austin Science and Nature Center, Zilker Botanical Garden, Zilker Maintenance and Operations, Watershed Protection Department, TCEQ Landfill and TCEQ Water Quality Divisions, Development Services Department, Austin Resource Recovery, and input received from the Parkland Events Task Force.

	40	How specifically is the wetland being mitigated?	<p>1. The City has a tree replacement requirement, which will be met but most trees will not be planted on the landfill cap to avoid recreating the potential negative impacts from large trees either disrupting the landfill materials or providing a conduit for water into the landfill.</p> <p>2. The City requires the mitigation of the wetlands with appropriate native planting area of seven times the area of the wetland. Native short and tall grasses will be used for this area to provide an enhanced water quality benefit.</p> <p>3. The wetlands will be replaced by a water quality pond (WQP) with volume of 59,000 cubic feet. This is more than three times the volume of the current combined capacity of the wetlands. The WQP will have a sedimentation basin followed by a bio filtration basin. The WQP is designed to remove over 80% of the pollutant loading from the drainage basin. In addition to this on-site mitigation, credits from an off-site mitigation bank will be purchased for approximately \$75,000 cost.</p>
	41	What kind of structural shade could be provided over the parking lot?	Minimal structures of what you see at airport parking lots could be installed with shallow foundations (spread footings) that would not penetrate the cap. Also there may be an opportunity to install a solar canopy (PV system) to provide shade and clean energy (community solar). However, we should consider that the proposed staging area is a temporary and short-term solution.
	42	Is C3/APF amenable to funding a Master Plan for Zilker Park and delay the consideration of this project until a Master Plan is complete?	To be determined
Peggy Maceo	43	What are city regulations regarding tree planting for parking lots?	A tree is required within 50' of all parking spaces. Since trees are not generally allowed on the landfill cap, and this area has been determined to be a staging area and not a parking area, these requirements would not apply.
Pam Thompson	44	Elevation of plans to redo landfill; park, pipe, pond, LBL, Edwards Aquifer. Size of proposed pipe & what part of landfill it would touch. Drainage below & trees, shoreline.	Plans and details have been submitted to the City review department (Development Services) with requested information.
	45	Process followed that bypassed established process that rules allow. Why?	Not sure what "bypass" of rules is being referenced. Project is following all applicable City, State and Federal regulations.
	46	Timing of MOPAC "punch through" & the proposed changes outlined at EC's last meeting of the landfill. Legal process that allows this.	Not sure what "legal process" is referenced.
	47	\$ spent by all, C3, St Highway Dept, CoA (all depts) & possibly Feds (if we ask) that might total enough to remove instead of maintain.	The total spent by all entities would only be a fraction of the total cost to mitigate.
	48	TCEQ fines if repairs disturbs or finds degradation of EA.	TCEQ generally doesn't issue fines unless a significant release occurs, which is not the case in this situation. They generally only require repair of the cap and doesn't take enforcement action unless the responsible party fails to take action as requested.
	49	Who hires the Landfill repair folks? Bonded, etc? Oversees work?	C3 will contract the work out to a General Contractor and will be required to follow all City of Austin requirements.
	50	\$ for landfill repair or parking lot? Is the landfill damaged because of current parking practices & this is remediation? Sinking? Why?	Periodic maintenance of the landfill cap is required over time. Since its closure in the early 1960's, additional cover has been applied in the early 80's and then again in the early 2000's. As the cap is nearing another maintenance sequence, the proposed improvements will address the needed maintenance. This will stabilize the cap. During the interim period of maintenance, the cap is eroded away due to environmental factors such as rain events and when used in wet periods. Damage can occur by rutting and ponding of water which has occurred numerous times.
	51	Disturbance of tree removal process explained. Why were trees allowed to grow there? Maintained by who?	Trees volunteered at existing locations. PARD did not plant these trees and does not necessarily maintain them.
	52	PARD can't maintain a landfill, can they?	PARD as the owner of the land is required to maintain the landfill. Maintenance will depend on the surface treatment and the proposed improvements.
	53	Heat island affect proposed parking lot would cause to trail, water & surrounding area. Car or vehicle pollution in such close proximity to LBL of proposed parking lot.	The proposed project will improve the surface material compared to the current conditions.

The information below on the Butler Landfill at Zilker Metropolitan Park was provided by the Watershed Protection Department (WPD) and the Parks and Recreation Department (PARC) in response to an inquiry from Bruce Wiland, Zilker Neighborhood Association, and Mark Gentle, Barton Hills Neighborhood Association, both members of the Zilker Park Working Group.

1. Is it still WPD's position that the material needs to be removed, and what is the current schedule for removing this material?

Since the rock has remained for an extended time, it is unpermitted development. There are three options for bringing the site into compliance. The rock could be removed and the area revegetated. A site development permit application could be submitted and approved to allow the rock to remain in its current configuration. A site development permit application could be submitted and approved to allow the area to be developed into a parking area to support existing uses (staging and parking).

If the rock is removed and the area revegetated without the installation of a more permanent solution and the area continues to be used for staging and parking, it is reasonable to assume that the area would continue to require regular maintenance in order to maintain the vegetation and the integrity of the landfill covering.

Currently, there is ongoing remediation work at Zilker Metropolitan Park from the Austin City Limits Festival and the Trail of Lights events that will be completed during the first week of February 2019. After this time, the use of the Butler Landfill for remediation purposes will no longer be needed. The removal of the gravel and revegetation will be performed based on favorable growing conditions for the revegetation. The gravel removal and revegetation are scheduled to begin in early April 2019. The mixed grass seed that will be used to revegetate the Butler Landfill requires warm soil conditions and a 90-day growing period to ensure good conditions for establishment of the vegetation.

2. What is WPD's interpretation of the secondary setback impervious cover requirement in the Waterfront Overlay, and how it should be calculated? Should additional tracts of land on which the project is not located be allowed to be included in the calculation? If so, why?

The Butler Landfill falls within the Zilker Park Subdistrict Regulations (25-2-745) of the Waterfront Overlay (25-2-741). The landfill area falls within either the primary or the secondary setback of the overlay (25-2-745). Impervious cover within the secondary setback is limited to 30 percent, and uses are restricted within the setback. Impervious cover is calculated for the "site," which includes all contiguous area within the park not separated by a right-of-way. Lou Neff Road and Stratford Drive are not right-of-way, but considered "driveways" for the purposes of permitting. Thus, Zilker Metropolitan Park has two "sites" for the purposes of development permitting, one north and one south of Barton Springs Road.

3. Is WPD concerned about this Reclamation Yard impacting the integrity of the landfill and damaging the landfill cover? If not why, not? Should these activities over the landfill cover be allowed to continue on the west side of MoPac?

Yes. The same concerns relating to adverse impact of the landfill covering from vehicular use on an improved area apply equally to the landfill area both east and west of MoPac.

- 4. What are the criteria that allow some trees to remain over the landfill when others must be removed? Could other trees be planted over the landfill if these criteria were met? Could WPD provide a copy of the TCEQ approval and the EPA requirements for planting trees over a landfill?**

Woody vegetation is generally discouraged over landfills. Trees may exist over the landfill if they would not compromise the landfill covering, would not allow water to penetrate the covering into the fill material, and if approved by TCEQ. It is our understanding that trees of appropriate species without long taproots may be allowed when soil lifts are added and/or root barriers are used to isolate the trees from the fill material. Trees have been approved by TCEQ using similar protective measures over other landfills in Austin. Mabel Davis District Park is one example of a site where trees exist over a landfill.

- 5. Is there any evidence that the landfill does not extend to the Zephyr railroad tracts as originally determined in early site assessments? If WPD believes that wetland areas should not exist over closed landfills, why is nothing being done about the eastern wetland area which is also over the landfill?**

Based on the 1998 Task 5 Report, the boundary of the fill extends eastward towards the Zephyr tracks and under the eastern ponded area. There is no information known to WPD that the fill boundary is otherwise different. WPD is not aware of why this area was not included in the previously proposed corrective actions. WPD and PARD will reassess this area and consult with TCEQ to determine if additional action is necessary relative to this pond.

- 6. If the purpose of the water quality control structure is to capture the pollutants that will be coming off of the staging and parking surface, why is the water quality control structure being built as Phase II after construction of the crushed rock surface instead of being built before the crushed rock surface is installed?**

This is a function of construction sequencing. The pond was proposed to be built as part of this project. Construction phase erosion and sedimentation controls would be utilized during the installation of the crushed rock surface to minimize sediment discharge from the site.

- 7. Is there any evidence that grass would not grow if traffic was kept to a minimum and the field was irrigated?**

Allowing vehicular use of the area would most likely require routine irrigation, revegetation, and grading if used during wet conditions. Additionally, utilizing an unpaved area for parking establishes that area as impervious cover, which could trigger non-compliance issues with the Land Development Code.

- 8. Does WPD have any documentation demonstrating that the soil cover was ever installed in such a way as to constitute and be called a "final cover" or "cap"? Does WPD believe that the soils borings that have been conducted were distributed in such a way as to fully characterize the cover depth and cover materials?**

No additional information about the soil cover is available. While additional information could reduce uncertainty, the soil borings conducted over time provide information for a reasonable approximation of the depth. TCEQ has not requested that the City perform any additional analyses. When soil cover was added to the landfill from City Hall in 2001, Texas Natural Resource Conservation Commission (TCEQ's predecessor agency) did not require approval for adding materials to the cover of the landfill because the existing cover was not disturbed.

9. Is there any evidence that methane gas generation at the site poses any risks today?

No. Landfill gas generation is most likely decreasing over time and it is reasonable to assume that gas emission has not increased since previous measurements.

10. Does WPD believe this data is adequate to characterize the subsurface groundwater conditions today?

Yes. While more data increases the likelihood of reducing uncertainty, chemical and biological monitoring continues in priority locations (Lady Bird Lake, Barton Springs Complex, Cold Springs) in the directions that groundwater could potentially migrate.

11. Why did the City discontinue this monitoring?

It is unknown why no further monitoring was conducted at the landfill.

12. What are consequences if some of the monitoring wells were not plugged?

If the wells were not plugged, that could provide a pathway for water to infiltrate into the fill material or for landfill gas to exit from the fill material.

13. Was WPD involved in this decision? If not, why not?

It is unknown if WPD was involved in this decision.

14. ... the specific citation to the SOS Ordinance provisions and Land Development Code provisions that are being violated by parking on the Polo Fields.

Pollution prevention and limitations on impervious cover is required per 25-8-514 for the portions of the Polo Field that are within the Barton Springs Zone Watershed Regulation Area. The use of the unpaved area of Polo Field that is within the Barton Springs Zone Watershed Regulation Area for parking would be a non-compliant use.



15. ... the Butler landfill area is part of Zilker Park.

For delineation purposes for PARD, the Butler Landfill is within the boundaries of Zilker Metropolitan Park. The site includes all contiguous area within the park not separated by a right-of-way. Lou Neff Road and Stratford Drive are not right-of-way, but considered “driveways” for the purposes of permitting. Thus, Zilker Park has two “sites” for the purposes of development permitting, one north and one south of Barton Springs Road.

16. ... the deed or other conveyance documentation into the City of Austin relating to the Butler tract?

PARD has provided two conveyance documents:

- May 18, 1931 document, and
- City of Austin Ordinance No. 850502-U

17. Is parking on the Butler Landfill area a permitted use of that property?

In regards to the use determination for parking on the Butler Landfill: this is primarily a question for Planning and Zoning. However, it is our understanding that parking on the landfill is an allowed use and can be done in such a manner as to be compliant with Land Development Code regulations and be protective of the landfill covering per TCEQ requirements. In general, a landfill may be used as a parking area, if the use does not adversely affect the landfill covering, and is approved by TCEQ.

Currently, parking on the Butler Landfill is not an allowed use on an approved site development permit.

18. Which parking area (Polo Field or Stratford) is the most environmentally sensitive to vehicle impacts (and therefore less appropriate for parking use)?

This is complicated, as it depends on the condition of the parking area. Parking on unimproved areas with soil and vegetation in either location is not preferable. Parking on the Polo Field has a higher potential to adversely impact Barton Springs than the Butler Landfill. An improved, permitted parking area on the Butler Landfill would be preferable over an unimproved parking area on the Polo Field. An improved parking area on the Butler Landfill would be preferable to an improved parking area on the Polo Field, as it would constitute the minimal departure from Land Development Code requirements and would involve reduced impervious cover in the Barton Springs Zone.

19. If we could build an underground parking structure that is covered by a “green” roof, where is the best location in Zilker Park in terms of minimized environmental impact?

From the perspective of a minimal departure from the Land Development Code, the preferred location would be a portion of the disc golf course near the intersection of Andrew Zilker Road and Columbus Drive. This site would not be in the Barton Springs Zone, has minimal slope, no known critical environmental features, and would be located outside of any creek buffers.

20. From what you explained, it sounds like the landfill area has a number of technical challenges for building an underground parking structure, but would it possible to locate an underground parking structure in the Polo Field area near Mopac (e.g., in the Eanes Creek Watershed/Water Supply Suburban area)

Yes.

STATE OF TEXAS WELL REPORT for Tracking #40938

Owner: City of Austin	Owner Well #: BC7
Address: City of Austin Austin, TX 78704	Grid #: 58-42-9
Well Location: Zilker Park Austin, TX, TX 78704	Latitude: 30° 15' 58" N
Well County: Travis	Longitude: 097° 45' 53" W
	Elevation: No Data
Type of Work: New Well	
	Proposed Use: Monitor

Drilling Start Date: **6/23/2004** Drilling End Date: **6/24/2004**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	9	0	49

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed; Natural Gravel Pack**

	Top Depth (ft.)	Bottom Depth (ft.)	Filter Material	Size
Filter Pack Intervals:	36.5	46.5	Gravel	10-20

	Top Depth (ft.)	Bottom Depth (ft.)	Description (number of sacks & material)
Annular Seal Data:	0	2	Concrete
	2	10	3 Grout

Seal Method: **Mixer Mixed**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **34.5 ft. below land surface on 2004-07-15** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:	<i>Strata Depth (ft.)</i>	<i>Water Type</i>
	34.5	Fresh

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Cutting Edge Core Drilling**

**1985 FM 969
Elgin, TX 78621**

Driller Name: **Tom Placek**

License Number: **54881**

Comments: **Well design was with objections from driller installing.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>
0	34	Redish Brown Sandy Silts
34	38	Tan Sand w/ gravel
38	47.5	Dark gray or Brown Clay
47.5	49	Gray Limestone

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
2	New	PVC 46.5/36.5	.010
2	New	PVC 36.5/surface	Riser

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

**Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540**

STATE OF TEXAS WELL REPORT for Tracking #19150

Owner:	City of Austin	Owner Well #:	WP-2
Address:	Zilker Park Recreation Office Austin, TX 78704	Grid #:	58-42-9
Well Location:	Zilker Park children's play scape area Austin, TX 78704	Latitude:	30° 15' 52" N
Well County:	Travis	Longitude:	097° 46' 12" W
		Elevation:	456 ft. above sea level
Type of Work: Replacement		Proposed Use: Public Supply	

Drilling Start Date: **2/18/2003** Drilling End Date: **2/19/2003** Plans Approved by TCEQ - **UNKNOWN**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	10.625	0	15.5
	3.79	15.5	35

Drilling Method: **Hollow Stem Auger; cored**

Borehole Completion: **Open Hole**

	Top Depth (ft.)	Bottom Depth (ft.)	Description (number of sacks & material)
Annular Seal Data:	0	15.5	16
	0	20	2

Seal Method: **trimie**

Sealed By: **drill crew**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **16.5 ft. below land surface on 2003-02-19** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:	<i>Strata Depth (ft.)</i>	<i>Water Type</i>
	16.5	Fresh

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **Unknown**

The driller did certify that while drilling, deepening or otherwise altering the above described well, injurious water or constituents was encountered and the landowner or person having the well drilled was informed that such well must be completed or plugged in such a manner as to avoid injury or pollution.

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Cutting Edge Core Drilling, Inc.**

**1985 FM 969
Elgin, TX 78621**

Driller Name: **Tom Placek** License Number: **54881**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>
0	15	Redish brown silty clay
15	35	Very hard and broken limestone, (Karst) with clay / gravel filled voids and cavities.

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
4	New	PVC	0-15.5
2.5	New	PVC	0-27 hand slotted
below 20'			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

**Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540**

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5842931
County	Travis
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Barton Springs/Edwards Aquifer CD
Latitude (decimal degrees)	30.270833
Latitude (degrees minutes seconds)	30° 16' 15" N
Longitude (decimal degrees)	-97.774722
Longitude (degrees minutes seconds)	097° 46' 29" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	218EDRDA - Edwards and Associated Limestones
Aquifer	Edwards (Balcones Fault Zone)
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	505
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	96
Well Depth Source	Person Other than Owner
Drilling Start Date	
Drilling End Date	
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Irrigation
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Austin Nature and Science Center
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Groundwater Conservation District
Created Date	8/19/2004
Last Update Date	10/29/2004

Remarks | MP= +1.00 feet

Casing						
Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank	Steel			0	

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

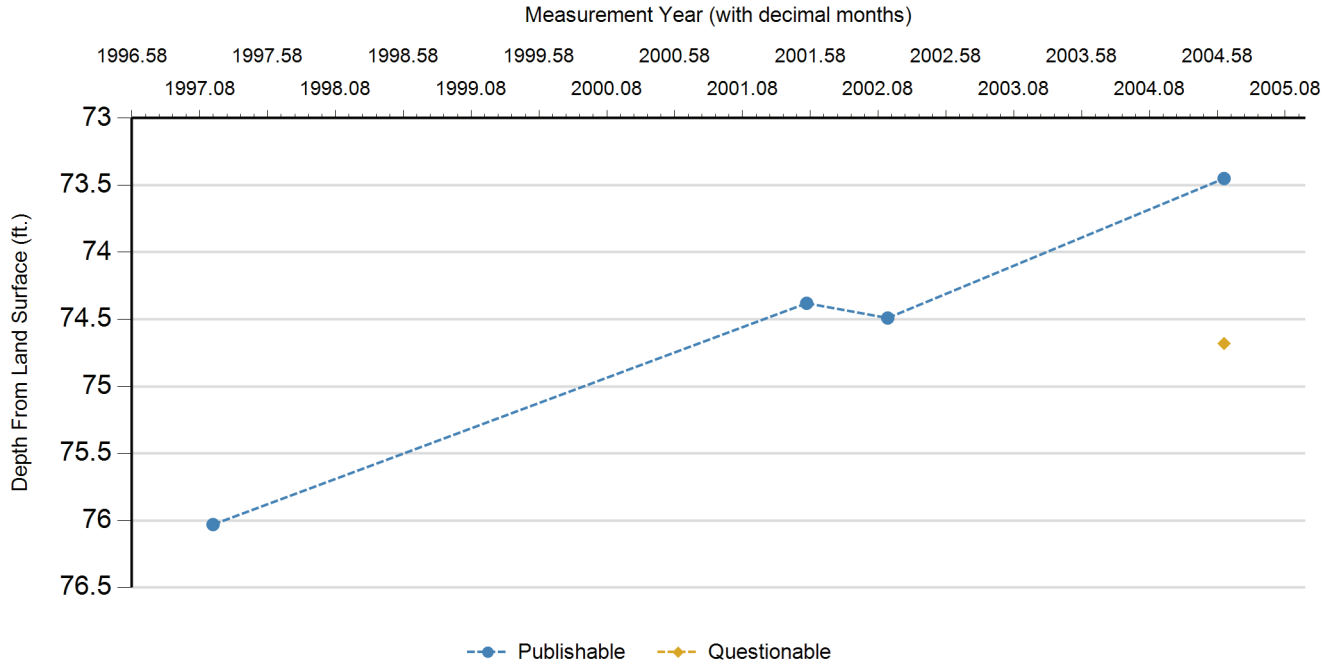
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/4/1997		76.03		428.97	1	Groundwater Conservation District	Electric Line		
P	7/21/2001		74.38	(1.65)	430.62	1	Groundwater Conservation District	Electric Line		
P	2/24/2002		74.49	0.11	430.51	1	Groundwater Conservation District	Electric Line		
P	8/19/2004		73.45	(1.04)	431.55	1	Groundwater Conservation District	Electric Line		
Q	8/19/2004		74.68	1.23	430.32	2	Groundwater Conservation District	Electric Line	2	

Code Descriptions

Status Code	Status Description
P	Publishable
Q	Questionable

Remark ID	Remark Description
2	Pumping-level measurement

Water Quality Analysis

Sample Date: 8/19/2004 **Sample Time:** 1243 **Sample Number:** 1 **Collection Entity:** Barton Springs/Edwards Aquifer CD

Sampled Aquifer: Edwards and Associated Limestones

Analyzed Lab: LCRA - Lower Colorado River Authority

Reliability: Sampled using TWDB protocols

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CaCO3		276	mg/L	
04241	GROSS ALPHA RADIATION, TOTAL, PRODUCED WATER(pCi/L)		0.1	pCi/L	1.4
04242	GROSS BETA RADIATION, TOTAL, PRODUCED WATER(pCi/L)		11	pCi/L	2
00400	PH (STANDARD UNITS), FIELD		7.18	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		644	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		25.6	C	

* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<http://www.twdb.texas.gov/groundwater/data/gwdb rpt.asp>) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

2003FY TWDB Water Quality Field Data Sheet

Newly Invented Well

State Well Number: 58-42-9NC Name: 931 Austin, Nations & Science Center Sample ID Number: 15-25-001
 County: Texas Address: P.O. Box 1088 Austin, TX 78717
 County Code: 453 Phone Number: 512-323-8181
 Aquifer Code: 11 Attention: _____
 Aquifer Id: Edwards Bpz Well Name or #: _____

CIRCLE EACH SAMPLE FRACTION COLLECTED:

1 500ml (filtered) Anions / Total Alk. Ice	2 500ml (filtered) Cations Nitric (HNO3)	3 250ml (filtered) Nitrate Ice + H2SO4	4 40 ml (unfiltered) Nitrazine Ice kept in dark	5 1 Liter Raw Sample Diplo Beta Tintex
---	---	---	--	--

Proper preservation requires adding enough of the correct acid to each sample fraction to bring the pH below 2.0.

Calibration Verification Readings

pH	7 =	7.03
	4 or 10 =	15.01
SLP =	59.2	7.38 = 7.40
Conductivity	500 =	499
	1000 =	998
	2000 =	1910
	5000 =	4960

Time In: 12:06 Time Out: 12:50

W. L. depth from LSD (ft.): 23.45 W.L. remark: Stable. M.P. = 1.0

Pumping Since: 12:29 Sampling Point: Spigot next to wellhead.

Well Use: FS FIELD G.P.S. readings
 Lift: ES Latitude: 30° 16' 15. "
 Power: E Longitude: 100° 46' 29. "

Casing Type: M Casing Size: 6 "
 Sample Time: 12:43 Filter pressure: hand pump / (line)

Water Quality Stabilization Parameters Table (at least 3 readings at five minute intervals)

Time:	<u>12:15</u>	<u>12:35</u>	<u>12:40</u>		
pH:	<u>7.23</u>	<u>7.20</u>	<u>7.18</u>		
Celsius Temp. (00010)	<u>26.0</u>	<u>26.2</u>	<u>25.6</u>		
Conductivity (uS/cm):	<u>644</u>	<u>648</u>	<u>644</u>		

Field Alkalinity Titration:

7.54	Start pH	4.48	End pH
50.0	mL Sample Size		
	mL Acid added for Phenol (> 8.3)		
1.88	mL Acid added for Total (8.3 - 4.5)		

Items below calculated from: mL acid added x 20 = Alkalinity

Phenol Alkalinity (m2244): _____ mg/L
 Total Alkalinity (20009): 276 mg/L

Items Below Calculated Later From Results:

Disolved Solids (mg/L):	
Hardness (as CaCO3):	
Balanced:	

Notes: WL 02242002 -744?
0721 2001 -7438
0304 1987 -2603
08 19 2004 Pumping 7468
 Data Entered By Sampler Inp Database: _____ yes / no

Final Analysis Report

LCRA Environmental Laboratory Services

Date: 14-Sep-04

CLIENT: Texas Water Development Board
Lab Order: 0408535 **File No:** 32700
Project: TWDB FY04
Lab ID: 0408535-001

Client Sample ID: 58-42-9NC
931 10/29/04
Collection Date: 8/19/2004 12:43:00 PM
Matrix: GROUNDWATER

Analyses	Storet	Result Qual	PQL	Units	DF Batch ID	Date Analyzed
----------	--------	-------------	-----	-------	-------------	---------------

ICP METALS DISSOLVED

E200.7

Analyst: TH

Calcium		94.2	0.20	mg/L	1 28918	9/9/2004 9:10:33 PM
Magnesium		21.8	0.20	mg/L	1 28918	9/9/2004 9:10:33 PM
Potassium		0.83	0.20	mg/L	1 28918	9/9/2004 9:10:33 PM
Sodium		11.4	7.14	mg/L	10 28964	9/13/2004 6:44:19 PM

ICP METALS DISSOLVED

E200.7

Analyst: TH

Boron		ND	51	µg/L	1 28919	9/9/2004 9:10:33 PM
Iron		ND	51	µg/L	1 28919	9/9/2004 9:10:33 PM
Strontium		284	20	µg/L	1 28919	9/9/2004 9:10:33 PM

ICPMS DISSOLVED METALS

E200.8

Analyst: SW

Aluminum		ND	4.08	µg/L	1 28916	9/9/2004
Antimony		ND	1.02	µg/L	1 28883	9/8/2004
Arsenic		ND	2.04	µg/L	1 28883	9/8/2004
Barium		66.4	1.02	µg/L	1 28883	9/8/2004
Beryllium		ND	1.02	µg/L	1 28883	9/8/2004
Cadmium		ND	1.02	µg/L	1 28883	9/8/2004
Chromium		1.92	1.02	µg/L	1 28883	9/8/2004
Cobalt		ND	1.02	µg/L	1 28883	9/8/2004
Copper		4.95	1.02	µg/L	1 28883	9/8/2004
Lead		ND	1.02	µg/L	1 28883	9/8/2004
Lithium		4.06	2.04	µg/L	1 28883	9/8/2004
Manganese		ND	1.02	µg/L	1 28883	9/8/2004
Molybdenum		ND	1.02	µg/L	1 28883	9/8/2004
Nickel		3.45	1.02	µg/L	1 28883	9/8/2004
Selenium		ND	4.08	µg/L	1 28883	9/8/2004
Thallium		ND	1.02	µg/L	1 28883	9/8/2004
Vanadium		2.43	1.02	µg/L	1 28883	9/8/2004
Zinc		8.25	4.08	µg/L	1 28883	9/8/2004

CATION/ANION BALANCES

CALCULATION

Analyst: AMJ

Cation/Anion Balance		Balanced	0	Date	1 28993	9/14/2004
----------------------	--	----------	---	------	---------	-----------

ANIONS BY ION CHROMATOGRAPHY, DISSOLVE

E300

Analyst: WM

Bromide Dissolved		0.13	0.02	mg/L	1 28725	9/1/2004 1:32:00 AM
Chloride Dissolved		25.7	1.00	mg/L	1 28725	9/1/2004 1:32:00 AM
Fluoride Dissolved		0.20	0.01	mg/L	1 28725	9/1/2004 1:32:00 AM
Sulfate Dissolved		30.6	1.00	mg/L	1 28725	9/1/2004 1:32:00 AM

ALKALINITY

M2320 B

Analyst: WR

Alkalinity, Phenolphthalein		ND	0	mg/L CaCO3	1 28721	8/31/2004
-----------------------------	--	----	---	------------	---------	-----------

Qualifiers:	<ul style="list-style-type: none"> * Value exceeds Maximum Contaminant Level E Value above quantitation range J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits 	<ul style="list-style-type: none"> B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
--------------------	--	---

LCRA Environmental Laboratory Services

Date: 14-Sep-04

CLIENT: Texas Water Development Board
Lab Order: 0408535 **File No:** 32700
Project: TWDB FY04
Lab ID: 0408535-001

Client Sample ID: 58-42-9NC *931* *10/29/04*
Collection Date: 8/19/2004 12:43:00 PM
Matrix: GROUNDWATER

Analyses	Storet	Result	Qual	PQL	Units	DF	Batch ID	Date Analyzed
ALKALINITY			M2320 B					Analyst: WR
Alkalinity, Total (As CaCO3)		284		2	mg/L CaCO3	1	28721	8/31/2004
NITRATE AND NITRITE			E353.2					Analyst: LW
Nitrogen, Nitrate & Nitrite		1.30		0.02	mg/L	1	28736	9/1/2004
SILICA			E370.1					Analyst: WM
Silica, Dissolved (as SiO2)		11.4		0.50	mg/L	1	28527	8/24/2004

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

JORDAN LABORATORIES, INCORPORATED
ANALYTICAL & ENVIRONMENTAL CHEMISTS
CORPUS CHRISTI, TEXAS
September 03, 2004

LCRA ENVIRONMENTAL LAB
3505 Montopolis, EL 101
Austin, Texas 78744-1417

STORET

Report of Analysis

Lab. No.	Identification	Date Time (04)	*Gross Alpha Activity pci/L	*Gross Beta Activity pci/L
5842931	M42-3552 0408536-001A	12:43 PM 8-19	0.1 +/- 1.4	11 +/- 2
5842821	M42-3553 0408536-002A	2:05 PM 8-19	0.1 +/- 1.4	2.2 +/- 1.0
5850122	M42-3554 0408536-003A	3:15 PM 8-19	0.5 +/- 1.9	2.2 +/- 1.4

Analysts: Nixon/Moore
Analysis Date: 9-2-04
Method: 900.0 Calibration: Alpha - Th230 Beta - Cs137

Antonia # 10/29/2004

*Note: EPA Method 900.0 is a drinking water screening procedure. Its application to waters of high total dissolved solids may result in unacceptably high counting errors due to limitation on sample size. Recommended max is 500 mg/L.

Alternate method for determining activity may be considered.

Respectfully Submitted,

CFC

Carl F. Crownover, Pres.

5842931

**APPENDIX E:
TRC STAFF AND ENVIRONMENTAL PROFESSIONAL
QUALIFICATIONS/RESUMES**

Teal Glass, CWMP, CESSWI
Project Manager

Areas of Expertise

- Phase I/II Environmental Site Assessments
- Texas Regulatory Programs (TRRP, VCP, PST, LPST, OCP)
- Subsurface investigation and contaminant source identification
- Soil, groundwater, and surface water assessment and remediation
- Site Remediation Design and Implementation
- Stormwater monitoring and Training
- Wastewater treatment
- Waste Disposal Management
- Environmental Permitting
- Environmental Financial Planning

Teal Glass is a Project Manager and Environmental Professional with over 15 years of experience in environmental consulting. Her qualifications include extensive hands-on planning, field investigation, permitting, cost estimating, and project management. Ms. Glass's background includes service to public and private-sector clientele, including the City of Austin, TxDOT, HollyFrontier Corporation, Cities of San Francisco and Berkeley; the University of California, Berkeley; Hudson McDonald; and Intel.

CREDENTIALS

Education

- B.S., Environmental Science, Oklahoma State University, Oklahoma 1999

Professional Registrations/Certifications/Training:

- Certified Erosion Sediment and Stormwater Inspector (CESSWI) 3679
- Certified Waste Management Professional (CWMP) 9770010056170110
- 40-Hour HAZWOPER and 8-Hour Training Refresher, Annually
- 10-Hour OSHA Training

EXPERIENCE

Professional Summary:

- **Phase I Environmental Site Assessments: (Environmental Professional: 2004-present)** Conducted ASTM standard Phase I Environmental Site Assessments in the San Francisco Bay area from 2004-2012 and throughout Texas from 2012 to present.
- **HollyFrontier Corporation. Dallas, TX (Associate Project Manager/ Project Manager: 2014-present)** Responsible for numerous projects for the corporation as well as the individual refineries including semi-annual groundwater monitoring and reporting, waste management, RCRA compliance, Accruals, and Financial Assurance.
- **City of Austin, Holly Power Plant Decommissioning Project – Austin, TX (Staff Scientist: 2011-2014)** Responsible for document management and submittals, transportation coordination, waste tracking, permitting, storm water inspections, and wastewater sampling.
- **Intel, Superfund Site SC-3 – Santa Clara, CA (Project Scientist: 2006-2011)** Conducted as-needed soil sampling projects for landfill disposal. In addition, responsible for completing the groundwater monitoring reports for the Superfund Santa Clara 3 facility. Also conducted indoor air monitoring for volatile organic compound (VOC) vapor intrusion into the facility.
- **City of Berkeley, Multiple Projects – Berkeley, CA (Project Manager: 2009-2011)** Served as the Project Manager for this multi-year, task order contract. Projects included conducting the Stormwater Pollution Prevention Plan monitoring and reporting; and, as needed, provided services such as technical environmental reviews, regulation compliance consulting, soil sampling, and spent bullet sampling.
- **City of San Francisco, Asbestos Remediation – San Francisco, CA (Project Scientist: 2004-2006)** Conducted numerous surveys for lead and asbestos for the city of San Francisco administrative buildings. In addition, supervised the removal of identified contaminant materials and conducted air monitoring to ensure the safety of workers and the public.



MICHAEL D. BOHMFALK, CHMM

EDUCATION

B.S., Wildlife and Fisheries Science, Texas A&M University, 1989

AREAS OF EXPERTISE

- Strategic Due Diligence Assessments
- Environmental Compliance Auditing
- Environmental Regulatory Compliance and Permitting Assistance
- Site Investigation and Remediation
- Risk-Based Corrective Action and Voluntary Cleanup

REPRESENTATIVE EXPERIENCE

Michael has more than 28 years of environmental consulting experience with areas of expertise that include strategic due diligence assessments, multi-media compliance auditing, solid and hazardous waste compliance assurance services, industrial wastewater and storm water permitting and compliance services, risk-based corrective action and remediation, and underground storage tank management. He has provided multi-media compliance and management system audit services at facilities that span a wide range of industrial sectors. Areas within the scope of the audits have included operations, on-site laboratories, wastewater treatment units, hazardous and solid waste management units, and bulk storage. Michael has conducted numerous Phase I and II environmental site assessments for a variety of industries throughout the United States, Canada and Mexico, managed site investigations for the evaluation and implementation of risk-based remediation alternatives and assisted clients with hazardous and non-hazardous waste management permitting and management unit closures; removal and corrective actions associated with underground storage tanks; and management of asbestos and lead-based paint abatement projects. Michael has also assisted with development and implementation of environmental management systems, including of ISO 14001 systems.

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

- Certified Hazardous Materials Manager – Masters Level; Certificate No. 12443

SPECIALIZED TRAINING

- 40-Hour OSHA Hazardous Waste Operations Training
- 8-Hour OSHA HAZWOPER Refresher Course
- Supervisory OSHA Health and Safety Training
- OSHA Hydrogen Sulfide Safety Training

PROFESSIONAL AFFILIATIONS

- The Institute of Internal Auditors (The IIA, formerly the Auditing Roundtable)
- Air and Waste Management Association
- Texas Association of Environmental Professionals

**APPENDIX F:
ENVIRONMENTAL PROFESSIONAL STATEMENT**

**DEFINITION OF ENVIRONMENTAL PROFESSIONAL AND RELEVANT EXPERIENCE
THERE TO PURSUANT TO 40 CFR 312**

(1) a person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f).

(2) Such a person must: (i) hold a current Professional Engineer's or Professional Geologist's license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of full-time relevant experience; or (ii) be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of three (3) years of full-time relevant experience; or (iii) have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of five (5) years of full-time relevant experience; or (iv) have the equivalent of ten (10) years of full-time relevant experience.

(3) An environmental professional should remain current in his or her field through participation in continuing education or other activities.

(4) The definition of environmental professional provided above does not preempt state professional licensing or registration requirements such as those for a professional geologist, engineer, or site remediation professional. Before commencing work, a person should determine the applicability of state professional licensing or registration laws to the activities to be undertaken as part of the inquiry identified in §312.21(b).

(5) A person who does not qualify as an environmental professional under the foregoing definition may assist in the conduct of all appropriate inquiries in accordance with this part if such person is under the supervision or responsible charge of a person meeting the definition of an environmental professional provided above when conducting such activities.

Relevant experience, as used in the definition of environmental professional in this section, means: participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see §312.1(c)) to the Site. TRC personnel resume(s) are included in **Appendix E**.

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature of
Environmental
Professional:



Date: 10-25-19