# City of Dallas

# MUNICIPAL SETTING DESIGNATION APPLICATION

4001 Irving Boulevard

(aka 4003 and 4007 Irving Boulevard and 3918 and 3920 Halifax Street)

And Surrounding Tracts:

5025 Cash Road

3919 and 4211 Irving Boulevard

4001, 4010, 4153, 4203, and 4221 Halifax Street

**Prepared For:**

Southeastern Freight Lines, LLC

420 Davega Road

Lexington, South Carolina 29073

**Prepared By:**

Consolidated Consulting Group, LLC

6215 Colleyville Boulevard

Colleyville, Texas 76034

817-424-9085

CCG Project Number: 4891

Application Date: August 27, 2024

City of Dallas

Municipal Setting Designation Application Form

Please use the checklist below to indicate whether the items are included in the application by checking the "yes" or "no" or "N/A" column. If an item is checked "no" an explanation must be provided as to why the item is not included. The application must include all information on the following checklist **IN THIS ORDER**. Please note that if an item is checked "no", the application could be rejected.

| ITEM | YES | NO | N/A | *PAGE # |
|---|---|---|---|---|
| 1. Executive Summary | **X** | | | |
| 2. Name, address, telephone number, and email of all applicants, all property owners within the designated property, and any representatives of the applicants or property owners. | **X** | | | |
| **3.** A legal description of the boundaries of the designated property **AND THE METES AND THE BOUNDS OF THE ADJACENT PUBLIC RIGHT(S)-OF-WAY,** along with a copy of the deed for the designated property. One legal description which consists of: (1) the designated property and (2) the adjacent public right(s)-of-way in a contiguous form and fashion is also acceptable. | **X** | | | |
| 4. A site map showing:<br>A. the location of the designated property **AND ADJACENT PUBLIC RIGHT(S)-OF-WAY**<br>B. the topography of the designated property as indicated on publicly available sources<br>C. the detected are of groundwater contamination;<br>D. the location of all soil sampling locations and all groundwater monitoring wells;<br>E. groundwater gradients, to the extent known, and direction of groundwater flow; and<br>F. the ingestion protective concentration level exceedance zone for each contaminant of concern, to the extent known; | **X** | | | |
| 5. A description of the current use, and, to the extent known, the anticipated uses, of the designated property and properties within 500 feet of the designated property. | **X** | | | |
| 6. For each contaminant of concern within the ingestion protective concentration level exceedance zone, to the extent known, provide the following:<br>A. Description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface.<br>B. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.<br>C. Its basic geochemical properties (for example, whether the contaminant of concern migrates with groundwater, floats, or is soluble in water). | **X** | | | |

* This is the actual page number of the application report where the information is found.

| ITEM | YES | NO | N/A | *PAGE # |
|---|---|---|---|---|
| 7. For each contaminant of concern within the designated groundwater, to the extent known, provide the following:<br>A. Description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface.<br>B. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.<br>C. Its basic geochemical properties (for example, whether the contaminant of concern migrates with groundwater, floats, or is soluble in water). | **X** | | | |
| 8. A table displaying the following information for each contaminant of concern, to the extent known:<br>A. The concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units<br>B. The critical protective concentration level without the municipal setting designation, highlighting any exceedances.<br>C. The critical protective concentration level with the municipal setting designation, highlighting any exceedances. | **X** | | | |
| 9. A statement as to whether the plume of contamination stable, expanding, or contracting with the basis for that statement. If this information is not known, a statement of why the information is not known. | **X** | | | |
| 10. A statement as to whether contamination on and off the designated property without a municipal setting designation exceeds a residential assessment level as defined in the Texas Risk Reduction Program, if known, and the basis for that statement. | **X** | | | |
| 11. A statement as to whether contamination on and off the designated property with a municipal setting designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program, if known, and the basis for that statement. | **X** | | | |
| 12. Identification of the points of origin of the contamination and the persons responsible for the contamination, to the extent known. | **X** | | | |
| 13. A description of any environmental regulatory actions that have been taken within the past five years in connection with the designated property, to the extent known. | **X** | | | |
| 14. A listing of all existing state of U.S. Environmental Protection Agency registrations, permits, and identification numbers that apply to the designated property. | **X** | | | |
| 15. A statement as to whether the designated property has been submitted to the Texas Voluntary Cleanup Program (Section 361.601 of the Texas Health and Safety Code) or similar state or federal program, and a description of the designated property's status in the program. | **X** | | | |
| 16. A summary of any environmental site assessment reports filed with the TCEQ regarding any site investigations or response actions that are planned, ongoing, or completed related to the designated property. | **X** | | | |

| ITEM | YES | NO | N/A | *PAGE # |
|---|---|---|---|---|
| 17. A statement as to whether any public drinking water supply system exists that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the designated property and the identity of each. | **X** | | | |
| 18. The name and address of each owner of a state-registered private water well within five miles of the designated property, along with:<br>A. a map showing the location of each well and, to the extent known, a notation of whether each well is used for potable water; and<br>B. a statement as to whether the applicant has provided notice to each owner in compliance with Section 361.805 of the Texas Health and Safety Code. | **X** | | | |
| 19. The name and address of each retail public utility, as defined in Section 13.002 of the Texas Water Code, that own or operates a groundwater supply well within five miles of the designated property, along with a statement as to whether the applicant has provided notice as required by Section 361.805 of the Texas Health and Safety Code. | **X** | | | |
| 20. A listing of each municipality, other than the city of Dallas, with a boundary within one-half mile of the designated property, and a statement as to whether the applicant has provided notice as required by Section 361.805 of the Texas Health and Safety Code. | **X** | | | |
| 21. A listing of each municipality, other than the City of Dallas, that owns or operates a groundwater supply well within five miles of the designated property; and a statement as to whether the applicant has provided notice as required by Section 361.805 of the Texas Health and Safety Code. | **X** | | | |
| 22. The following statement signed and sealed by a licensed professional engineer or licensed professional geoscientist authorized to practice in the state of Texas with expertise in environmental remediation:<br><br>To the best of my knowledge and believe, based upon a review of all public and private records and other information sources available to me in the exercise of due diligence, the opinions stated and conclusions made in this application are supported by such information, and the technical and scientific information submitted with the application is true, accurate, and complete. Based on such review, the contaminants of concern from the sources on the designated property or migrating from or through the designated property more likely than not (do exceed) *or* (do not exceed) a non-ingestion protective concentration level on property beyond the boundaries of the designated property. | **X** | | | |
| 23. If the licensed professional engineer or licensed professional geoscientist determines that contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than not do exceed a non-ingestion protective concentration level on property beyond the boundaries of the designated property, then the applicant must:<br>A. Specify the name and address of the owner of each property.<br>B. Send a copy of the application to the owner of the property with the notice of the public meeting.<br>C. Provide documentation that the designated property has been included in a state or federal program that requires that the entire non-ingestion protective concentration level exceedance zone be addressed to the satisfaction of the agency administering the program, along with documentation of the estimated time period in which it is to be addressed. An example of such a program is the Texas Voluntary Cleanup Program (Section 361.601 of the Texas Health and Safety Code).<br>D. Provide documentation upon completion of the state or federal program showing that the non-ingestion protective concentration level exceedances have been addressed to the satisfaction of the agency administering the program. | | | **X** | |

| ITEM | YES | NO | N/A | *PAGE # |
|---|---|---|---|---|
| 24. The following statement certified by the applicant and any authorized representatives of the applicants listed in the application:<br><br>I certify under penalty of law that this application and all attachments were prepared under my direction or supervision in a manner designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | X | | | |
| 25. A copy of the TCEQ application, if it has been filed, excluding attachments. | X | | | |
| 26. The signature of the applicant and proof that the applicant has the legal authority to restrict the use of the groundwater on the designated property. | X | | | |
| 27. The initial filing fee of $4,000 payable to "City of Dallas". | X | | | |
| 28. Any additional information. | X | | | |

Southeastern Freight Lines, LLC

**Applicant Company Name**

Susan Yates, Environmental Compliance Manager

**Printed Name and Title**



**Signature**

8.14.2024

**Date**

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# ITEM 1: EXECUTIVE SUMMARY

**Location and Description of Designated Property**

The site (herein referred to as the "Designated Property"), owned by the Municipal Setting Designation (MSD) Applicant Southeastern Freight lines, LLC (SEFL) under the legal entity BKT Enterprises (formally Comtrans Investment Properties, LLC) or CF Real Estate, LLC, is located within a commercial/light industrial area northwest of downtown Dallas. The Designated Property is generally located northwest of the intersection of Irving Boulevard and Cash Road.

The Designated Property consists of nine (9) tracts, adjacent City of Dallas (COD) rights-of-ways (ROWs) (Irving Boulevard, Norwood Road, Halifax Street, and Cash Road), and multiple COD ROW dedications, totaling 84.506-acres. The Designated Property is currently developed for commercial and light industrial use. Access to the Designated Property is provided by concrete drives located off Norwood Road, Halifax Street, Cash Road, and Irving Boulevard.

The main portion of the Designated Property, identified as Tract ID #1 (herein referred to as the Anchor Property), was acquired by SEFL (MSD applicant) in early 2021. The entire Anchor Property (Tract #1) was most recently occupied by Trinity Industries, Inc. (Trinity) who first started operating on portions of the Anchor Property starting in the 1950s lasting through 2020. Trinity used the Anchor Property for steel fabrication, manufacturing of railroad equipment, fleet maintenance and refueling, compressor maintenance, and metal and materials testing. The Anchor Property was most recently developed with multiple buildings identified as the Main Warehouse Building, the Custom Parts Machine Shop, the Southeastern Truck Maintenance Building, Warehouse Building, the Wash Bay structure, the Compressor Shop, the Office/Metals Laboratory Building, the Former Materials Testing Laboratory/Office Building, and several portable buildings and sheds. Currently only the Custom Parts Machine Shop and Truck Maintenance Building remain. The remainder of the Anchor Property is primarily covered by concrete except for the locations of the former buildings that have been demolished and their foundations removed.

The Anchor Property was accepted into the Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP) on November 2, 2021 and has been assigned VCP No. 3185 (a copy of the acceptance letter from the TCEQ is provided in Item 15). SEFL is listed as Applicant A and Schwob Companies, LLC (Schwob), owner's representative, is listed as Applicant B.

Other portions of the Designated Property, not included within the VCP No. 3185 boundary, currently consist of COD ROWs, a recycling facility occupied by Waste Management (Tract ID #2 and #3), an active shipping terminal and fleet services facility owned and operated by MSD applicant SEFL and a storage facility occupied by Sure Storage, LLC (Tract ID #4), storage lots occupied by Compass Lease, LLC (Tract ID #s 5 and 6) a trailer leasing company, a vacant tract (Tract ID #8) formally used for truck parking and storage, and two vacant tracts with abandoned rail spurs (Tract ID #s 7 and 9). It should be noted that tract numbers 6, 7, and 9 have recently been combined under one deed/address (4203 Halifax Street). Additionally, tract numbers 1, 2, and 3 have also been combined under one deed.

It is expected that the near and long-term use of the Designated Property will remain similar to the current. However, individual tracts within the Designated Property may be redeveloped in the future.

A summary of the tracts located within the Designated Property is provided in the table below.

| Tract ID | Tract Address | Tract Information | |
|---|---|---|---|
| Tract ID #1<br><br>(Anchor Property) | 4001 Irving Boulevard (aka 4003 Irving Boulevard, 4007 Irving Boulevard, 3918 Halifax Street, 3920 Halifax Street)<br>Dallas, TX 75247 | Property Owner: | CF Real Estate, LLC |
| | | Current Occupant/Use: | Vacant |
| | | Current Improvements: | Two commercial buildings (former Custom Parts Machine Shop and Truck Maintenance Building). The remainder of the Anchor Property is primarily covered by concrete except for the locations of former buildings that have been demolished and their foundations removed. |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The southwestern portion of the tract was first developed in the early 1950s by Whittle Construction Company followed by Trinity Industries who eventually occupied the entire tract from at least 1961 to 2020. |
| | | Active Regulatory Programs: | VCP ID: 3185 |
| Tract ID #2 | 3919 Irving Boulevard<br>Dallas, TX 75247) | Property Owner: | CF Real Estate, LLC |
| | | Current Occupant/Use: | Waste Management – Recycling Facility |
| | | Current Improvements: | Warehouse buildings with limited office space. The remainder of the property is covered by concrete. |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1952. The tract was developed by the late 1950s and occupied by a diesel engine service and repair facility (Stewart & Stevenson Services, Inc.) from 1956 – 2003 followed by Standard Waste Services. Currently the tract is occupied by Waste Management, LLC. and has operated as a recycling center since 2011. |
| Tract ID #3 | 5025 Cash Road<br>Dallas, TX 75247) | Property Owner: | CF Real Estate, LLC |
| | | Current Occupant/Use: | Waste Management – Recycling Facility |
| | | Current Improvements: | Warehouse buildings with limited office space. The remainder of the property is covered by concrete. |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1952. The tract was developed by the late 1950s and occupied by a diesel engine service and repair facility (Stewart & Stevenson Services, Inc.) from 1956 – 2003 followed by Standard Waste Services. Currently the tract is occupied by Waste Management, LLC. and has operated as a recycling center since 2011. |
| | | Active Regulatory Programs: | IHW: 75395<br>MSWF: 100028 |

| | | | |
|---|---|---|---|
| | | | Used Oil: A86127 |
| Tract ID #4 | 4211 Irving Boulevard Dallas, TX 75247 | Property Owner: | Comtrans Investment Properties, L.L.C. (D.B.A. BKT Enterprises, L.P.) |
| | | Current Occupant/Use: | Southeastern Freight Lines, LLC – Shipping Terminal and Sure Storage LLC – Storage Facility |
| | | Current Improvements: | Shipping Terminal building with limited office space, a Fleet Service Building, and a warehouse building. The remainder of the property is covered in concrete. |
| | | Historical Use: | Based on the review of historical resources, sand and gravel mining operations appeared to have occurred on this tract from at least 1942 until 1958. The tract was developed with its current improvements (shipping terminal) by the late 1960s. The tract was historically occupied by Merchants Fast Motor Lines and is currently occupied by SEFL. |
| | | Active Regulatory Programs: | IHW: 68811<br>RCRA: TXD053118758<br>PST: 77668<br>Pollution Prevention Planning: P09493 |
| Tract ID #5 | 4221 Halifax Street Dallas, TX 75247 | Property Owner: | BKT Enterprises, L.P. |
| | | Current Occupant/Use: | Compass LLC – Trailer storage |
| | | Current Improvements: | Gravel storage lot with a portable office |
| | | Historical Use: | Based on the review of historical resources, sand and gravel mining operations appeared to have occurred on this tract from at least 1942 until 1958. The tract appeared vacant between 1968 and 1972. The current improvements to the tract were developed in mid-1970. Historically this tract has primarily been used for trailer storage. |
| Tract ID #6 | 4203 Halifax Street Dallas, TX 75247 | Property Owner: | BKT Enterprises, L.P. |
| | | Current Occupant/Use: | Compass LLC – Trailer storage |
| | | Current Improvements: | Gravel storage lot |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1972. The current improvements to the tract were development in mid-1970. Historically this tract has primarily been used for trailer storage. |
| Tract ID #7 | 4001 Halifax Street Dallas, TX 75247 | Property Owner: | BKT Enterprises, L.P. |
| | | Current Occupant/Use: | Vacant |
| | | Current Improvements: | Rail Spur |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The tract was developed with its |

| | | | |
|---|---|---|---|
| | | | current improvement (rail spur) by the late 1950's. |
| Tract ID #8 | 4010 Halifax Street Dallas, TX 75247 | Property Owner: | Comtrans Investment Properties, L.L.C. (D.B.A. BKT Enterprises, L.P.) |
| | | Current Occupant/Use: | Vacant |
| | | Current Improvements: | Gravel storage lot |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The tract was developed with its current improvement by the late 1950's and used by Trinity for storage. Most recently, the property was used for truck parking/storage. |
| Tract ID #9 | 4153 Halifax Street Dallas, TX 75247 | Property Owner: | BKT Enterprises, L.P. |
| | | Current Occupant/Use: | Vacant |
| | | Current Improvements: | Rail Spur |
| | | Historical Use: | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The tract was developed with its current improvement (rail spur) by the late 1950's and appears to have been used by Trinity for freight operations. |

A figure identifying the Site IDs, boundaries of the Designated Property, and COD ROWs can be found in Item 4, Figure 1 – Designated Property Map.

It should be noted that tract numbers 6, 7, and 9 have recently been combined under one address (4203 Halifax Street). Therefore, the following addresses are no longer applicable: 4001 Halifax Street and 4153 Halifax Street. Additionally, tract numbers 1, 2, and 3 have also been combined under one deed.

Several regulatory listings associated with the Designated Property were identified and are outlined in Item 14.

**Description of Surrounding Area**

The surrounding area is predominantly developed for commercial/light industrial use. It is expected that the near and long-term future use of the surrounding area will remain similar to the current. Current use of the surrounding area is as followed:

- North – Tracts to the north of the Designated Property include multiple railroad tracks, vacant lots, and a utility ROW, followed by a mix of commercial/industrial operations.
- East – Tracts to the east of the Designated Property include a mix of commercial/Industrial operations.
- South – Tracts to the south of the Designated Property include a mix of commercial/Industrial operations, followed by the Trinity River.
- West – Tracts to the west of the Designated Property include a mix of commercial/Industrial operations, followed by Elim Fork Trinity River.

A map identifying the use of the surrounding area can be found in Item 4, Figure 2 – Topographic Map and Figure 3 – Site Vicinity Map.

**Geological/Hydrology Conditions**

According to the Geological Atlas of Texas, Dallas Sheet, the Designated Property is underlain by Quaternary Alluvium Deposits (Qal) comprised of flood-plain deposits such as gravel, sand, silt, silty clay, and organic matter. Beneath the Quaternary Alluvium Deposits is the Cretaceous Eagle Ford Group (Kef) comprised of shale, sandstone, and limestone. The Eagle Ford Group is considered a regional aquitard and is expected to be approximately 200-300 feet thick.

According to the Texas Water Development Board (TWDB) and Groundwater Atlas of the United States – Segment 4, the principal aquifer underlying the Dallas County area including the Designated Property is the Trinity Group. The Cretaceous age Trinity Group is the largest and most prolific aquifer in the area. The Trinity Group aquifer consists of the Paluxy, Glen Rose and Twin Mountains Formations. The thickness of the Trinity Group aquifer ranges from approximately 100 feet at the outcrop to approximately 1,200 feet at the down-dip limit. The chemical quality of the aquifer is suitable for most industrial and public supply uses**.**

Static groundwater levels measured on the Anchor Property have been recorded between 8 to 15-feet below ground surface (bgs). Groundwater gradient beneath the Anchor Property has been recorded in the southernly direction toward the Trinity River. It's anticipated that groundwater gradient across the Designated Property is similar.

**Water Utilities and Water Wells Within One-half Mile**

Dallas Water Utilities (DWU) is a registered TCEQ Texas Public Water System provider and supplies drinking water to the Designated Property and all surrounding properties within a one-half mile radius. No state-registered private water wells were identified during the records search within one-half mile of the Designated Property.

There are no municipalities, other than the City of Dallas, within one-half mile of the Designated Property. No notice or resolutions of support are required from any municipality as required by Section 361.805 of the Texas Health and Safety Code.

No water wells were identified within one-half mile radius of the Designated Property.

**Water Wells Within 5-Miles**

CCG reviewed a Water Well Report (WWR) identifying all state-registered private water wells located within 5 miles of the Designated Property. The WWR identified a total of two-hundred and ten (210) water wells located within a 5-mile radius of the Designated Property.

In accordance with Section 361.805 of the Texas Health and Safety Code, notice will be sent to each owner of the state-registered private wells identified within 5 miles of the Designated Property. At this time, the applicant has not provided notice to each well owner. The first round of notices will be completed by the COD.

Excerpts from the 5-mile radius WWR, including maps showing the location of each identified well, is provided in Item 18. A complete copy of the 5-mile radius WWR and an Excel spreadsheet listing all water wells,

including owner mailing information, can be found on the provided universal serial bus (USB) located in Item 28.

**Public Water Supply Systems Within 5-Miles**

CCG reviewed a Public Water System Report (PWSR) identifying all registered entities that own or operate public water supply systems with wells located within five miles of the Designated Property. The PWSR identified eight (8) public water systems listings as described below:

- Source ID: S0570078A – Dallas County Park Cities MUD
  - The Dallas County Park Cities (DCPC) Municipal Utility District (MUD) system status is listed as operational. According to the Dallas County Park Cities MUD website, water is obtained from Grapevine Lake via the Elm Fok of the Trinity River. This listing pertains to a surface water system.

- Source ID: S0570004C – Dallas Water Utility
  - The Dallas Water Utility (DWU) system status is listed as operational. According to the Dallas Water Utilities website, water is obtained from six (6) lakes, Grapevine, Lewisville, Ray Roberts, Ray Hubbard, Tawakoni, and Fork. This listing pertains to a surface water system.

- Source ID: G0570050A, G0570050B, G0570050C – City of Irving
  - All three Source IDs associated with the City of Irving have a system status listed as plugged. According to the City of Irving Water Utilities (IWU) website, the City of Irving's water is pumped from Lake Chapman to Lewisville Lake and then treated by the City of Dallas.

- Source ID: G0570180A – Texas Sports Complex
  - The system status is listed as inactive as of December 31, 2017. This is a water well used for a private sports complex and does not meet the definition of a retail public utility. Additionally, according to the City of Dallas Central Appraisal District (DCAD) this property was sold by Texas Sports Complex and is now owned by Cetology LLC.

- Source ID: G0570180B, G0570166D – Forterra Pressure Pipe Grand Prairie
  - The system status for Source ID G0570180B is listed as plugged and for Source ID G0570466D as operational. According to a site representative with Forterra, Mr. Rafael Reyes, the well is currently used for on-site operations for mixing concrete at the plant. All produced water is used on site and no water from the well is sold to others.

Based on the review of the Texas Water Development Board (TWDB) records, information obtained from the DCPC MUD, DWU, and IWU websites; and telephone conversations with a representative of Forterra, there are no retail public utilities, as defined in Section 13.002 of the Texas Water Code, that currently own or operate a groundwater supply well within five miles of the Designated Property.

**Environmental Assessment Results subject to the Texas Risk Reduction Program (TRRP)**

The Anchor Property (Tract #1) is currently enrolled into the TCEQ VCP and has undergone numerous assessment activities. To date, more than 70 soil borings and 19 permanent groundwater monitoring wells

have been installed throughout the Anchor Property. It should be noted that select borings and monitoring wells are related to 40 Texas Administrative Code (TAC) Chapter 334 PST release and not subject to TRRP. An Affected Property Assessment Report (APAR) dated December 20, 2022 and an APAR Update dated October 31, 2023 documenting the assessment results conducted on the Anchor Property to date have been submitted and reviewed by the TCEQ. Currently the Anchor Property is waiting for the establishment of the MSD for the Designated Property in order to receive a certificate of completion from the TCEQ. Below is a summary of the affected soil and groundwater identified on the Anchor Property:

**Soil**

Affected soil has been identified above TCEQ Residential Soil to Groundwater PCLs ($^{GW}Soil_{Ing}$) for the following chemical of concerns (COCs):

- **Resource Conservation and Recovery Act (RCRA) 8 Metals** (arsenic, lead and selenium)
- **Volatile Organic Compounds (VOCs)** (benzene, cis-1,2-dichlroethene, tetrachloroethene, 1,1,2-trichloroethane, trichloroethene, and vinyl chloride)
- **Total Petroleum Hydrocarbons (TPH)** (C6-C12, C12-C28, and C28-C35 ranges).

Other potential COCs in soil investigated, including semi-volatile organic compounds (SVOCs), polycyclic aromatic hydrocarbons (PAH), and polychlorinated biphenyls (PCBs), were detected at concentrations either below laboratory sample detection limits (SDLs) or below TCEQ Residential $^{GW}Soil_{Ing}$ PCLs; therefore, these constituents are not considered COCs in soil.

Following the implementation of the MSD and an institutional control restricting the use of the Anchor Property to Commercial/Industrial, the Commercial/Industrial TRRP Commercial/Ind. Total Soil Combined PCLs ($^{Total}Soil_{Comb}$) will become the critical Protective Concentration Level (cPCL) for the Anchor Property. None of the soil results exceed the cPCL after the implementation of the MSD and the Commercial/Industrial institutional control.

**Groundwater**

Affected groundwater has been identified above TCEQ Residential Groundwater Ingestion PCLs ($^{GW}GW_{Ing}$) for the following COCs:

- **TPH** (C12-C28 and C28-C35 ranges).

TRRP Residential Groundwater to Air Inhalation ($^{Air}GW_{Inh-V}$) PCL exceedances in groundwater have not been identified.

The vertical extent of the affected groundwater above TCEQ ingestion PCLs is from approximately 8 feet below ground surface (static groundwater depth) to the top of the Eagle Ford Formation. The Eagle Ford Formation wasn't encountered during the advancement of the soil borings installed on the Anchor Property, however based on surrounding borings logs is anticipated to be between 40 – 50 feet below ground surface (bgs). Therefore, the vertical extent of the PCL exceedance zone extends from approximately 8 – 50 feet bgs.

Other potential COCs in groundwater investigated, including RCRA 8 Metals, VOCs, SVOCs, and PCBs, were detected at concentrations either below laboratory SDLs or below TCEQ Residential $^{GW}GW_{Ing}$ PCLs; therefore,

not considered COCs in groundwater. PAHs (benzo(a)pyrene and dibenz(a,h)anthracene) were detected at the Designated Property above TCEQ ingestion PCLs, however the detections are associated with an adjacent PST site (PST Facility ID 23935 and 23936) located at 5131 Cash Road; therefore, related to a 40 TAC Chapter 334 PST release and not subject to TRRP. TCEQ concurred with this determination in a letter dated March 14, 2023 (A copy of the letter can be found in Item 6). All other PAH results were detected below TCEQ ingestion PCLs.

Following the implementation of the MSD, the TRRP non-ingestion groundwater PCLs ($^{Air}GW_{Inh\text{-}V}$) will become the cPCLs for the Anchor Property. Non-ingestion PCL exceedances in groundwater have not been identified.

# ITEM 2: APPLICANT INFORMATION

**Applicant Information/Designated Property Owner**

Southeastern Freight lines, LLC
420 Davega Road
Lexington, SC 29073
Tel: 803-794-7300

Ryan Smigiel, VP of Real Estate
ryan.smigiel@sefl.com

Susan Yates, Environmental Compliance Manager
susan.yates@sefl.com

**Applicant Representatives**

Schwob Companies
1350 Lakeshore Drive, Ste 160
Coppell, TX 75019
Tel: 972-243-7674

Andy Erickson, President & CEO
erickson@schwob.com

Ryan Korthauer, Project Executive
rkorthauer@schwob.com

**Legal Counsel**

Nexsen Pruet, LLC
1230 Main Street, Suite 700
Columbia, SC 29201
Tel: 803-540-2013

W. Leighton Lord III, Member
llord@maynardnexsen.com

**Environmental Consultant**

Consolidated Consulting Group, LLC
6215 Colleyville Boulevard
Colleyville, TX 76034
Tel: 817-424-9085

Jude Havens, Principal
jdhavens@consolidatedconsulting.com

Richard Mosman, Senior Consultant
rmosman@consolidatedconsulting.com

Ross MacNames, Professional Geologist
rmacnames@consolidatedconsulting.com

Kyle Granby, Project Manager
kgranby@consolidatedconsulting.com

**Designated Property Address(s) and Ownership Information**

The Designated Property consists of nine (9) tracts, adjacent COD ROWs (Irving Boulevard, Norwood Road, Halifax Street, and Cash Road), and multiple COD ROW dedications, totaling 84.506-acres.

The nine (9) tracts located within the Designated Property are owned by SEFL under the legal entity BKT Enterprises, L.P. (formally Comtrans Investment Properties, LLC) or CF Real Estate, LLC. Tract ownership information is listed in the below table.

| Tract ID | Tract Address(s) | Tract Owner |
|---|---|---|
| Tract ID #1<br>(Anchor Property) | 4001 Irving Boulevard<br>(aka 4003 Irving Boulevard, 4007 Irving Boulevard, 3920 Halifax Street, 3918 Halifax Street)<br>Dallas, TX 75247 | CF Real Estate, LLC |
| Tract ID #2 | 3919 Irving Boulevard<br>Dallas, TX 75247 | CF Real Estate, LLC |
| Tract ID #3 | 5025 Cash Road<br>Dallas, TX 75247 | CF Real Estate, LLC |
| Tract ID #4 | 4211 Irving Boulevard<br>Dallas, TX 75247 | Comtrans Investment Properties, L.L.C. (D.B.A. BKT Enterprises, L.P.) |
| Tract ID #5 | 4221 Halifax Street<br>Dallas, TX 75247 | BKT Enterprises, L.P. |
| Tract ID #6 | 4203 Halifax Street<br>Dallas, TX 75247 | BKT Enterprises, L.P. |
| Tract ID #7 | 4001 Halifax Street<br>Dallas, TX 75247 | BKT Enterprises, L.P. |
| Tract ID #8 | 4010 Halifax Street<br>Dallas, TX 75247 | Comtrans Investment Properties, L.L.C. (D.B.A. BKT Enterprises, L.P.) |
| Tract ID #9 | 4153 Halifax Street<br>Dallas, TX 75247 | BKT Enterprises, L.P. |

It should be noted that tract numbers 6, 7, and 9 have recently been combined under one address (4203 Halifax Street). Therefore, the following addresses are no longer applicable: 4001 Halifax Street and 4153 Halifax Street. Additionally, tract numbers 1, 2, and 3 have also been combined under one deed.

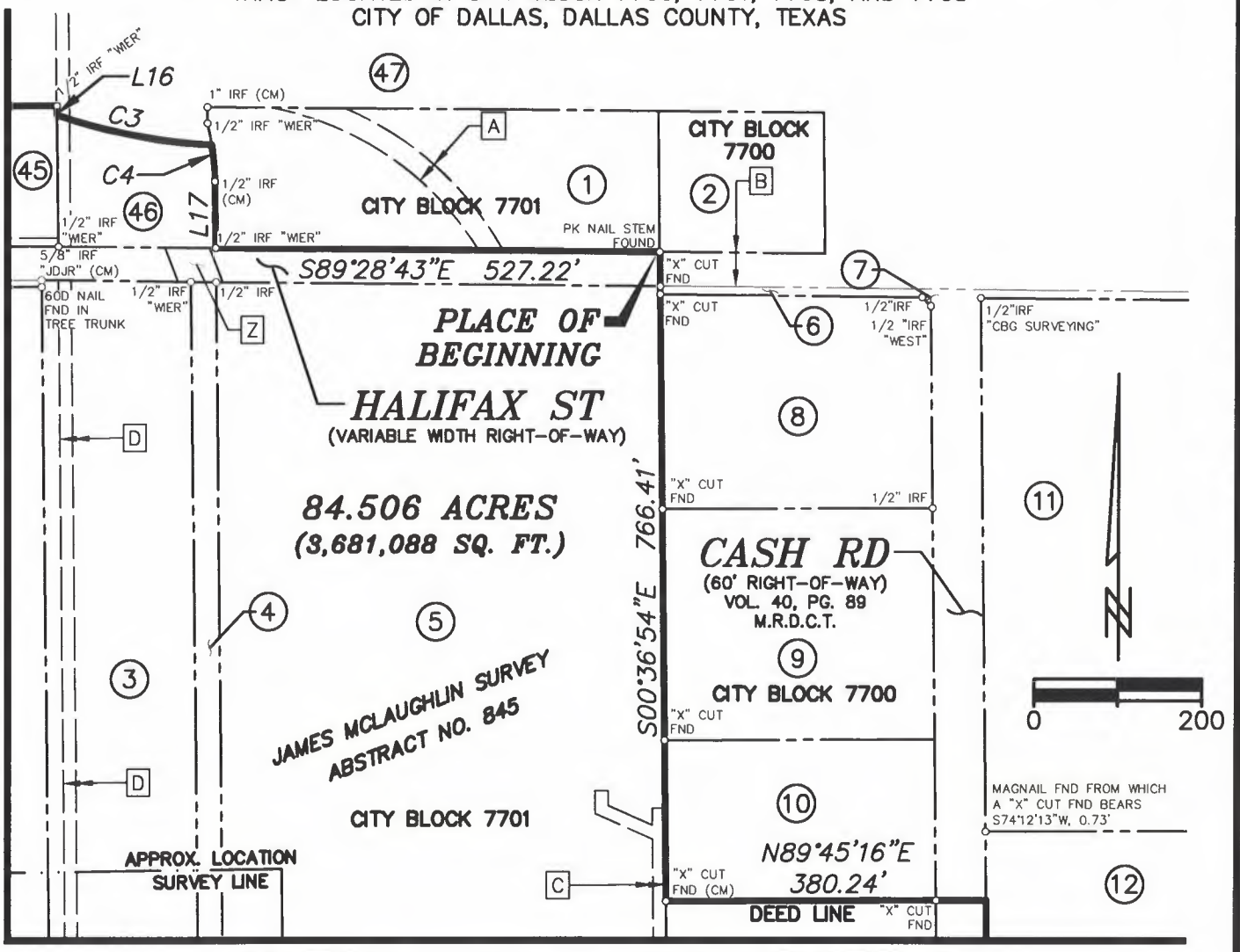
# ITEM 3: LEGAL DESCRIPTION AND DEED

A copy of the Designated Property metes and bounds survey including city ROWs and warranty deeds for all properties within the Designated property are provided in this Item.

# Item 3 Attachments

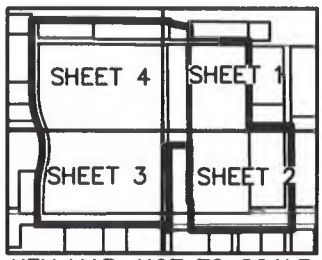
- Designated Property Metes and Bounds Survey
- Warranty Deeds

# MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE) TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708 CITY OF DALLAS, DALLAS COUNTY, TEXAS




## * L E G E N D *

| | |
|---|---|
| CM | CONTROLLING MONUMENT |
| IRF | IRON ROD FOUND |
| IPF | IRON PIPE FOUND |
| PKF | PK NAIL FOUND |
| "X" CUT FND | "X" CUT FOUND IN CONCRETE |
| ○ | MONUMENT FOUND AS INDICATED |
| VOL. | VOLUME |
| PG. | PAGE |
| D.R.D.C.T | DEED RECORDS, DALLAS COUNTY, TEXAS |
| M.R.D.C.T. | MAP RECORDS, DALLAS COUNTY, TEXAS |
| O.P.R.D.C.T. | OFFICIAL PUBLIC RECORDS, DALLAS COUNTY, TEXAS |
| (1) | PLAT/DEED (SEE TABLE) |
| [A] | EASEMENT (SEE TABLE) |
| ——— | SUBJECT BOUNDARY |
| — — — | ADJOINER TRACT BOUNDARY |
| — — — | EASEMENT LINE |
| — · — | SURVEY ABSTRACT LINE |



KEY MAP–NOT TO SCALE

NOTE:
ALL BEARINGS SHOWN HEREON ARE CORRELATED TO THE STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE 4202, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT REALIZATION 2011, AS DERIVED BY FIELD OBSERVATIONS UTILIZING THE RTK NETWORK ADMINISTRATED BY ALLTERRA CENTRAL, INC.

Scott Holt
FIELD NOTES APPROVED:
3/5/2025

STATE OF TEXAS
REGISTERED
AARON L. STRINGFELLOW
6373
PROFESSIONAL
LAND SURVEYOR

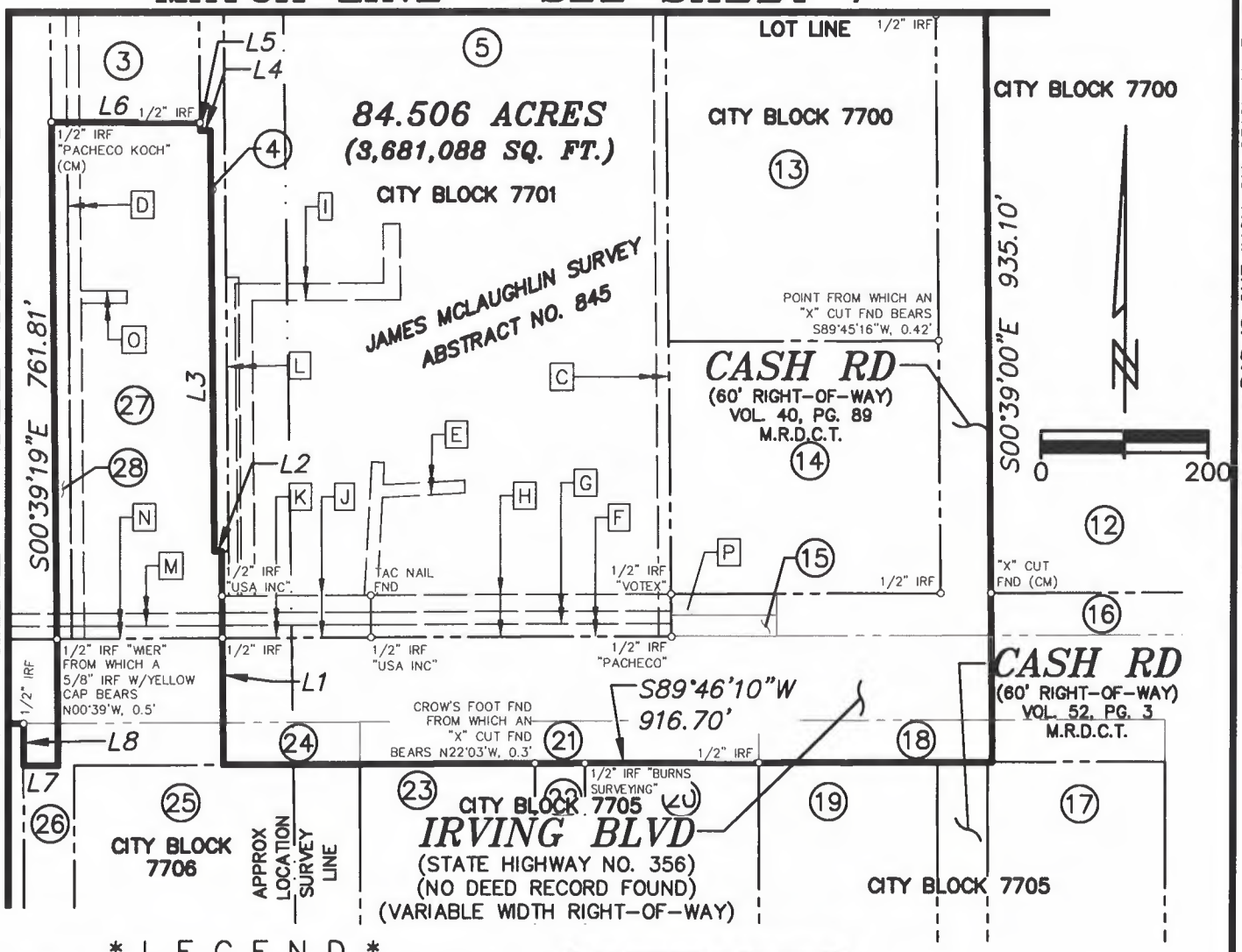
SURVEYOR PREPARING THIS EXHIBIT:
**WIER & ASSOCIATES, INC.**
2201 E. LAMAR BLVD., SUITE 200E ARLINGTON, TEXAS 76006 METRO (817)467-7700
Texas Firm Registration No. F-2776 www.WierAssociates.com
Texas Board of Professional Land Surveying Registration No. 10033900

| DRAWN BY: JG | SHEET NO. 1 OF 11 | REV. 1 |
|---|---|---|
| APPROVED: ALS | | |

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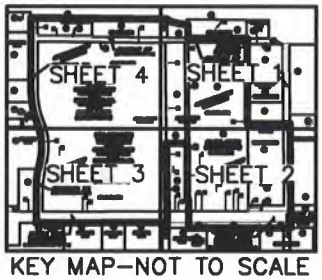
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MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE)
TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708
CITY OF DALLAS, DALLAS COUNTY, TEXAS



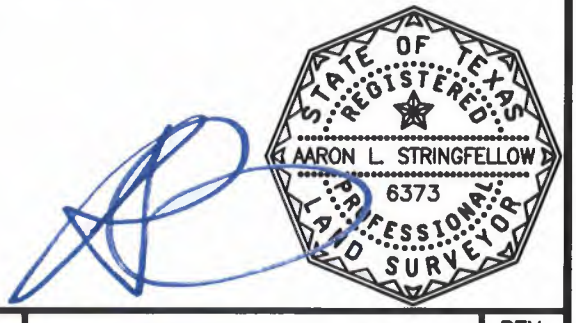

* L E G E N D *

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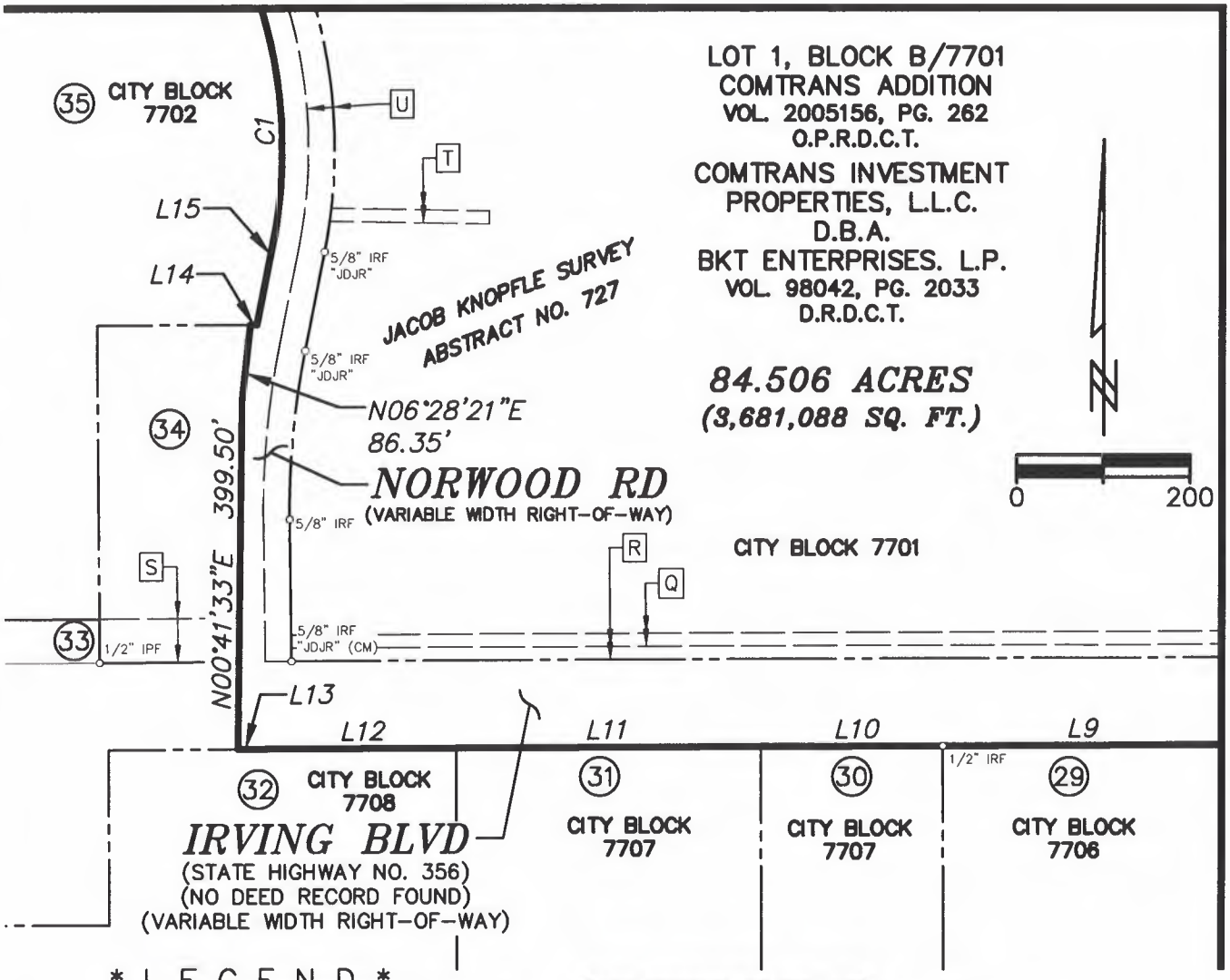
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MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE)
TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708
CITY OF DALLAS, DALLAS COUNTY, TEXAS

*MATCH LINE — SEE SHEET 4*

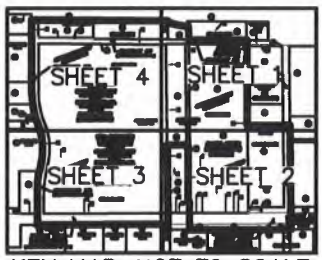



MATCH LINE — SEE SHEET 2

BAR IS ONE INCH ON ORIGINAL FULL-SIZE PRINT

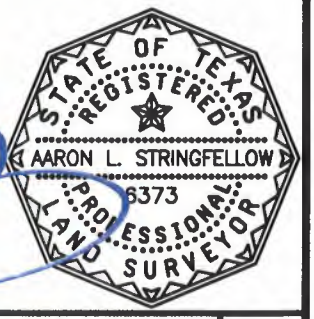
* L E G E N D *

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| CM | CONTROLLING MONUMENT |
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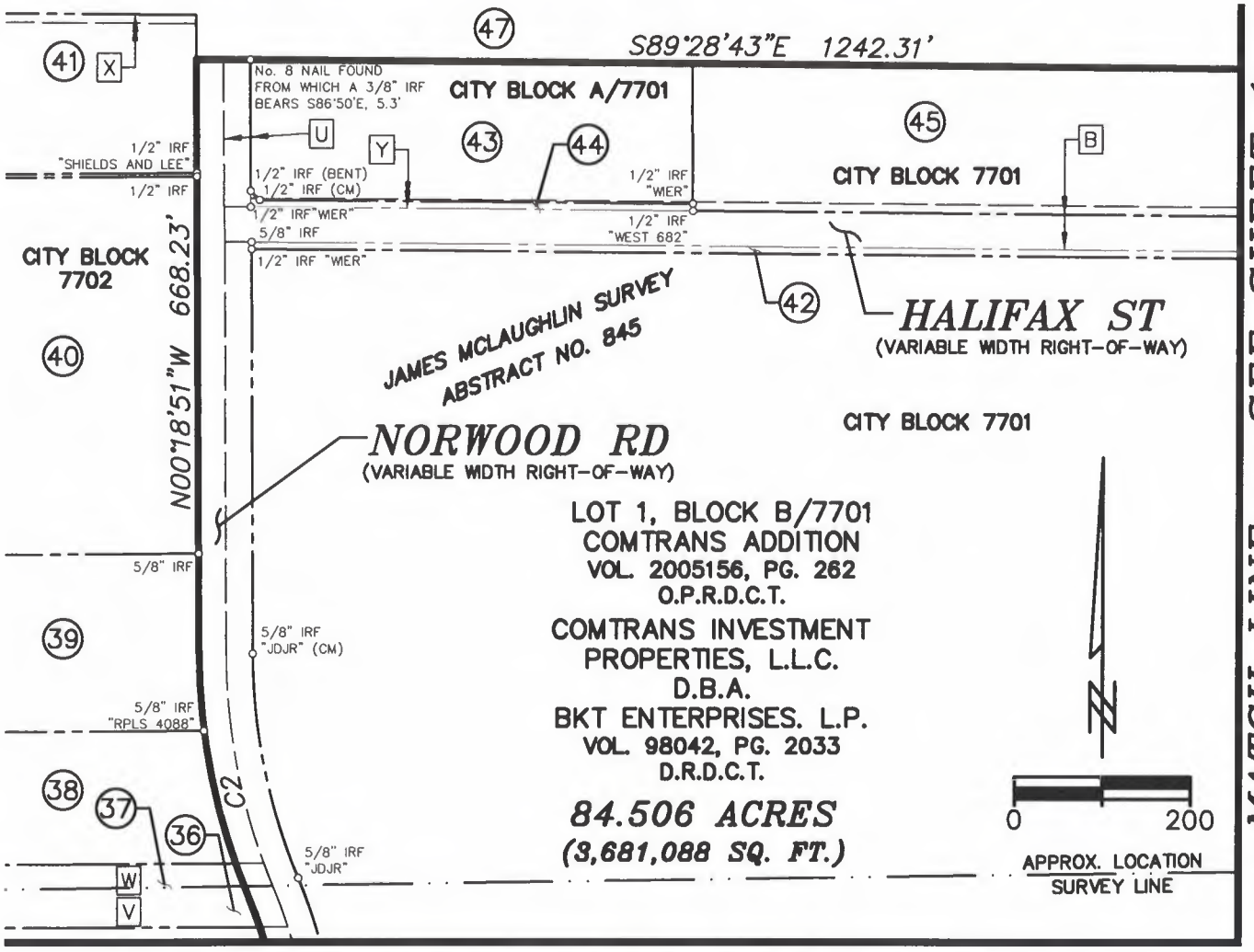



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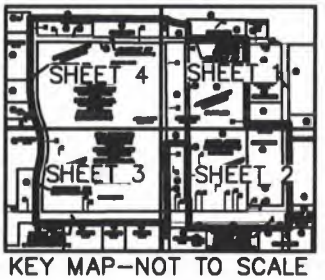
# MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE) TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708 CITY OF DALLAS, DALLAS COUNTY, TEXAS




## MATCH LINE — SEE SHEET 3

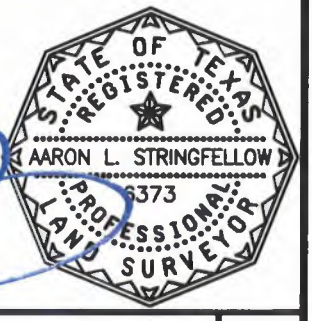
### * LEGEND *

| | |
|---|---|
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| IPF | IRON PIPE FOUND |
| PKF | PK NAIL FOUND |
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| (1) | PLAT/DEED (SEE TABLE) |
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| LINE TABLE | | |
|---|---|---|
| LINE | BEARING | DIST |
| L1 | N00°35'37"W | 252.99' |
| L2 | S89°24'23"W | 8.50' |
| L3 | N00°35'37"W | 498.08' |
| L4 | S89°24'23"W | 11.98' |
| L5 | N00°39'26"W | 9.23' |
| L6 | N89°42'03"W | 176.09' |
| L7 | S89°46'10"W | 41.06' |
| L8 | N00°13'50"W | 50.00' |
| L9 | S89°42'10"W | 340.75' |

| LINE TABLE | | |
|---|---|---|
| LINE | BEARING | DIST |
| L10 | S89°50'02"W | 208.63' |
| L11 | S89°44'25"W | 350.00' |
| L12 | S89°46'10"W | 219.91' |
| L13 | S89°42'10"W | 31.43' |
| L14 | N89°46'21"E | 7.20' |
| L15 | N11°17'21"E | 96.75' |
| L16 | S00°37'13"E | 10.85' |
| L17 | S00°37'13"E | 78.49' |

| CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE | ARC | RADIUS | DELTA | BEARING | DIST. |
| C1 | 322.63' | 543.68' | 34°00'00" | N05°42'39"W | 317.91' |
| C2 | 286.16' | 722.30' | 22°41'57" | N11°34'15"W | 284.29' |
| C3 | 186.82' | 680.00' | 15°44'30" | S79°06'52"E | 186.24' |
| C4 | 43.40' | 296.40' | 8°23'19" | S04°48'53"E | 43.36' |

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STATE OF TEXAS
REGISTERED
AARON L. STRINGFELLOW
6373
PROFESSIONAL
LAND SURVEYOR


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DRAWN BY: JG
APPROVED: ALS



REV. 1

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| PARCEL TABLE | |
|---|---|
| PARCEL NO. | PLAT/OWNERSHIP RECORD |
| 1 | DALLAS AREA RAPID TRANSIT &, FORT WORTH TRANSPORTATION AUTHORITY (D.B.A. TRINITY METRO) INST. NO. 202400032947, O.R.D.C.T. |
| 2 | HTV HOLDING COMPANY, LLC INST. NO. 200800312771, O.P.R.D.C.T. |
| 3 | COMTRANS INVESTMENT PROPERTIES, L.L.C. (D.B.A. BKT ENTERPRISES, L.P.) VOL. 2002228, PG. 7184, D.R.D.C.T. |
| 4 | BKT ENTERPRISES, L.P. INST. NO. 202400032946, O.R.D.C.T. |
| 5 | SOUTHEASTERN FREIGHT LINES, INC. INST. NO. 202100174282, O.R.D.C.T. |
| 6 | 10' R.O.W. DEDICATION VOL. 40, PG. 89, M.R.D.C.T. |
| 7 | 10'X10' R.O.W. DEDICATION VOL. 79218, PG. 2470, D.R.D.C.T. |
| 8 | LOT 3A, BLOCK 2/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 79218, PG. 2470, D.R.D.C.T. |
| 9 | LOT 3B, BLOCK 2/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 2000039, PG. 61, D.R.D.C.T. |
| 10 | LOT 2, BLOCK 2/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 40, PG. 89, M.R.D.C.T.<br><br>REPUBLIC SHEET METAL AND MANUFACTURING, CO., INC. INST. NO. 20080133312, O.P.R.D.C.T. |
| 11 | BLOCK 1/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 40, PG. 89, M.R.D.C.T.<br><br>TFC HOLDING COMPANY, INC. INST. NO. 200900229960, O.P.R.D.C.T. |
| 12 | BLOCK 1/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 40, PG. 89, M.R.D.C.T.<br><br>KAL FREIGHT INC INST. NO. 202100382811, O.R.D.C.T. |
| 13 | LOT 1, BLOCK 2/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 40, PG. 89, M.R.D.C.T.<br><br>SOUTHEASTERN FREIGHT LINES, INC. INST. NO. 202300192964, O.P.R.D.C.T. |
| 14 | LOT 1-A, BLOCK 2/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION VOL. 73067, PG. 1385, D.R.D.C.T.<br><br>SOUTHEASTERN FREIGHT LINES, INC. INST. NO. 202300192964, O.R.D.C.T. |
| 15 | CITY OF DALLAS VOL. 4627, PG. 169, D.R.D.C.T. |
| 16 | 50' R.O.W. DEDICATION VOL. 40, PG. 89, M.R.D.C.T. |
| 17 | BLOCK A/7705 MERCANTILE INDUSTRIAL DISTRICT VOL. 52, PG. 3, M.R.D.C.T. |
| 18 | 50' R.O.W. DEDICATION VOL. 52, PG. 3, M.R.D.C.T. |
| 19 | BLOCK B/7705 MERCANTILE INDUSTRIAL DISTRICT VOL. 52, PG. 3, M.R.D.C.T. |
| 20 | BLOCK B/7705 MERCANTILE INDUSTRIAL DISTRICT SECOND INSTALLMENT VOL. 173, PG. 1885, M.R.D.C.T. |
| 21 | 50' R.O.W. DEDICATION VOL. 173, PG. 1885, M.R.D.C.T. |
| 22 | TOP LINE DRIVE (60' RIGHT-OF-WAY) VOL. 173, PG. 1885, M.R.D.C.T. |
| 23 | BLOCK C/7705 MERCANTILE INDUSTRIAL DISTRICT SECOND INSTALLMENT VOL. 173, PG. 1885, M.R.D.C.T. |
| 24 | 50' R.O.W. DEDICATION VOL. 69011, PG. 1901, D.R.D.C.T. |
| 25 | LOT 1, BLOCK A/7706 MERCANTILE INDUSTRIAL DISTRICT THIRD INSTALLMENT VOL. 69011, PG. 1901, D.R.D.C.T. |
| 26 | TRANSPORT DRIVE (60' RIGHT-OF-WAY) VOL. 69011, PG. 1901, D.R.T.C.T. |
| 27 | NMGS PARTNERSHIP, L.P. INST. NO. 200800365319, O.P.R.D.C.T. |
| 28 | NMGS PARTNERSHIP, L.P. INST. NO. 202300018009, O.R.D.C.T. |
| 29 | CRANMER LATIMER & RIDLEY HOLDINGS, LLC INST. NO. 201100280055, O.P.R.D.C.T. |
| 30 | SSK REAL ESTATE, LLC INST. NO. 201700248905, O.P.R.D.C.T. |
| 31 | RUSH TRUCK CENTERS OF TEXAS, L.P. INST. NO. 200800365819, O.P.R.D.C.T. |
| 32 | LOT 1, BLOCK A/7708 ABF ADDITION VOL. 2001028, PG. 15, D.R.D.C.T. |
| 33 | CITY OF DALLAS VOL. 74045, PG. 1359, D.R.D.C.T. |
| 34 | ONWARD REALTY, LLC INST. NO. 202300156479, O.R.D.C.T. |
| 35 | THE UNITED STATES POSTAL SERVICE VOL. 85012, PG. 3242, D.R.D.C.T. |
| 36 | CITY OF DALLAS VOL. 641, PG. 742 ,D.R.D.C.T. |
| 37 | CITY OF DALLAS VOL. 641, PG. 746, D.R.D.C.T. |
| 38 | TONYA W. CALHOUN INST. NO. 202300030592, O.R.D.C.T. |
| 39 | LOT 2, BLOCK B/7702 RAINS SUBDIVISION VOL. 70048, PG. 1683, D.R.D.C.T.<br><br>JUAN CARLOS DURAN (TRACT 1) INST. NO. 201500159071, O.P.R.D.C.T. |
| 40 | LOT 3, BLOCK B/7702 H.R. PEARCE SUBDIVISION VOL. 71061, PG. 2184, D.R.D.C.T.<br><br>SL5 URBAN INDUSTRIAL, LP INST. NO. 201900151703, O.P.R.D.C.T. |
| 41 | LOT 4, BLOCK B/7702 H.R. PEARCE SUBDIVISION VOL. 74208, PG. 326, D.R.D.C.T.<br><br>BLACK DIRT, LLC INST. NO. 202000307956, O.R.D.C.T. |
| 42 | 8' R.O.W. DEDICATION VOL. 2005156, PG. 262, O.P.R.D.C.T. |
| 43 | LOT 1, BLOCK A/7701 MULLINS PROPERTY COMPANY ADDITION VOL. 85124, PG. 2808, D.R.D.C.T.<br><br>BKT ENTERPRISES, L.P. (TRACT 1) INST. NO. 201500125351, O.P.R.D.C.T. |
| 44 | 8' R.O.W. DEDICATION VOL. 85124, PG. 2808, D.R.D.C.T. |
| 45 | BKT ENTERPRISES, L.P. (TRACT 1) INST. NO. 201500125351, O.P.R.D.C.T. |
| 46 | BKT ENTERPRISES, L.P. INST. NO. 202400032946, O.R.D.C.T. |
| 47 | DALLAS AREA RAPID TRANSIT AND FORT WORTH TRANSPORTATION AUTHORITY VOL. 99251 PG. 3713, D.R.D.C.T. |

## * L E G E N D *

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|---|---|
| VOL. | VOLUME |
| PG. | PAGE |
| INST. NO. | INSTRUMENT NUMBER |
| M.R.D.C.T. | MAP RECORDS, DALLAS COUNTY, TEXAS |
| D.R.D.C.T. | DEED RECORDS, DALLAS COUNTY, TEXAS |
| O.P.R.D.C.T. | OFFICIAL PUBLIC RECORDS, DALLAS COUNTY, TEXAS |
| O.R.D.C.T. | OFFICIAL RECORDS, DALLAS COUNTY, TEXAS |

STATE OF TEXAS REGISTERED AARON L. STRINGFELLOW 6373 PROFESSIONAL LAND SURVEYOR


SURVEYOR PREPARING THIS EXHIBIT:
WIER & ASSOCIATES, INC.
2201 E. LAMAR BLVD., SUITE 200E ARLINGTON, TEXAS 76006 METRO (817)467-7700
Texas Firm Registration No. F-2776 www.WierAssociates.com
Texas Board of Professional Land Surveying Registration No. 10033900


DRAWN BY: JG
APPROVED: ALS



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# MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE) TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708 CITY OF DALLAS, DALLAS COUNTY, TEXAS

| EASEMENT TABLE | |
|---|---|
| EASEMENT NO. | PLAT/OWNERSHIP RECORD |
| A | 25' RAILROAD SPUR EASEMENT<br>INST. No. 201100045332<br>O.P.R.D.C.T. |
| B | 40' STREET EASEMENT<br>VOL. 4764, PG. 88<br>D.R.D.C.T. |
| C | 15' UTILITY EASEMENT<br>VOL. 4438, PG. 79<br>D.R.D.C.T. |
| D | 15' DP&L AND SWBT EASEMENT<br>VOL. 4243, PG. 537<br>D.R.D.C.T. |
| E | 15' ELECTRIC EASEMENT<br>VOL. 73156, PG. 129<br>D.R.D.C.T. |
| F | 15' SANITARY SEWER EASEMENT<br>VOL. 4114, PG. 613<br>D.R.D.C.T. |
| G | 15' WATER EASEMENT<br>NO RECORD FOUND |
| H | 50' STREET EASEMENT<br>VOL. 4513, PG. 420<br>D.R.D.C.T. |
| I | 20' WATER EASEMENT<br>VOL. 2000129, PG. 239<br>D.R.D.C.T. |
| J | 50' STREET EASEMENT<br>VOL. 4548, PG. 361<br>D.R.D.C.T. |
| K | 15' SANITARY SEWER EASEMENT<br>VOL. 4114, PG. 612<br>D.R.D.C.T. |
| L | 15' DP&L AND SWBT EASEMENT<br>VOL. 68237, PG. 2871<br>D.R.D.C.T. |
| M | 15' WATER EASEMENT<br>VOL. 4745, PG. 219<br>D.R.D.C.T. |
| N | 15' SANITARY SEWER EASEMENT<br>VOL. 4124, PG. 151<br>D.R.D.C.T. |
| O | 15' DP&L EASEMENT<br>VOL. 445, PG. 645<br>D.R.D.C.T. |
| P | 25' STREET EASEMENT<br>VOL. 280, PG. 189<br>D.R.D.C.T. |
| Q | 15' WATER EASEMENT<br>VOL. 5298, PG. 457<br>D.R.D.C.T. |
| R | 15' SANITARY SEWER EASEMENT<br>VOL. 4114, PG. 630<br>D.R.D.C.T. |
| S | 50' STREET EASEMENT<br>VOL. 427, PG. 705<br>D.R.D.C.T. |
| T | 15' DP&L EASEMENT<br>VOL. 792, PG. 1130<br>D.R.D.C.T. |
| U | 30' STREET EASEMENT<br>(TRACT NO. 1)<br>VOL. 5878, PG. 444<br>D.R.D.C.T. |
| V | 70' EASEMENT TO TEXAS BITULITHIC COMPANY<br>VOL. 4065, PG. 393<br>VOL. 4065, PG. 394<br>D.R.D.C.T. |
| W | 70' DP&L EASEMENT<br>VOL. 4252, PG. 214<br>D.R.D.C.T. |
| X | 10' SWB & DPL EASEMENT<br>VOL. 74208, PG. 326<br>M.R.D.C.T. |
| Y | 10' SANITARY SEWER EASEMENT<br>VOL. 68160, PG. 810<br>D.R.D.C.T. |
| Z | TRACK EASEMENT<br>VOL. 4764, PG. 88<br>D.R.D.C.T. |

## * L E G E N D *

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WA# 21040 PRINTED: 6/7/2024 STB FILE: WIER-SURVEY.STB LAST SAVED: 2/12/2025 5:36 PM SAVED BY: AARONLS FILE: MSD-EXHIBIT-21040-REV1.DWG
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MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE) TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708 CITY OF DALLAS, DALLAS COUNTY, TEXAS

BEING A 3,681,088 SQUARE FOOT (84.506 ACRES) TRACT OF LAND LOCATED IN THE JACOB KNOPFLE SURVEY, ABSTRACT NO. 727 AND THE JAMES MCLAUGHLIN SURVEY, ABSTRACT NO. 845, CITY OF DALLAS, DALLAS COUNTY, TEXAS, BEING ALL OF LOT 1, BLOCK B/7701, COMTRANS ADDITION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 2005156, PAGE 262, OFFICIAL PUBLIC RECORDS, DALLAS COUNTY, TEXAS, (O.P.R.D.C.T.), BEING ALL OF THAT SAME TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO COMTRANS INVESTMENT PROPERTIES, L.L.C. (D.B.A. BKT ENTERPRISES, L.P.), RECORDED IN VOLUME 98042, PAGE 2033, DEED RECORDS, DALLAS COUNTY, TEXAS (D.R.D.C.T.), BEING ALL OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO COMTRANS INVESTMENT PROPERTIES, L.L.C. (D.B.A. BKT ENTERPRISES, L.P.), RECORDED IN VOLUME 2002228, PAGE 7184, D.R.D.C.T., BEING ALL OF A TRACT OF LAND DESCRIBED IN A QUITCLAIM DEED TO BKT ENTERPRISES, L.P., RECORDED IN INSTRUMENT NUMBER 202300018010, OFFICIAL RECORDS, DALLAS COUNTY, TEXAS (O.R.D.C.T.), BEING ALL OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO SOUTHEASTERN FREIGHT LINES, INC., RECORDED IN INSTRUMENT NUMBER 202100174282, O.R.D.C.T., BEING ALL OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO BKT ENTERPRISES, L.P., RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., BEING ALL OF LOT 1 AND A PORTION OF LOT 2, BLOCK 2/7700, WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 40, PAGE 89, MAP RECORDS, DALLAS COUNTY, TEXAS (M.R.D.C.T.), BEING ALL OF LOT 1-A, BLOCK 2/7700 WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 73067, PAGE 1385, D.R.D.C.T., AND BEING ALL OF THAT SAME TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO SOUTHEASTERN FREIGHT LINES, INC., RECORDED IN INSTRUMENT NUMBER 202300192964, O.R.D.C.T., BEING ALL OF LOT 1, BLOCK A/7701, MULLINS PROPERTY COMPANY ADDITION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 85124, PAGE 2808, D.R.D.C.T., BEING ALL OF A TRACT OF LAND DESCRIBED AS "TRACT 1" IN A SPECIAL WARRANTY DEED TO BKT ENTERPRISES, L.P. RECORDED IN INSTRUMENT NUMBER 201500125351, O.P.R.D.C.T., BEING A PORTION OF HALIFAX STREET (A VARIABLE WIDTH RIGHT-OF-WAY), BEING A PORTION OF CASH ROAD (A 60' RIGHT-OF-WAY), BEING A PORTION OF IRVING BOULEVARD (STATE HIGHWAY 356) (A VARIABLE WIDTH RIGHT-OF-WAY), BEING A PORTION OF NORWOOD BOULEVARD (A 60' RIGHT-OF-WAY), AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT PK NAIL STEM FOUND IN THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, BEING THE SOUTHEAST CORNER OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO DALLAS AREA RAPID TRANSIT & FORT WORTH TRANSPORTATION AUTHORITY (D.B.A. TRINITY METRO), RECORDED IN INSTRUMENT NUMBER 202400032947, O.R.D.C.T., AND THE SOUTHWEST CORNER OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO HTV HOLDING COMPANY, LLC, RECORDED IN INSTRUMENT NUMBER 200600312771, O.P.R.D.C.T.;

THENCE S 00°36'54" E, DEPARTING THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, A DISTANCE OF 766.41 FEET TO A "X" CUT FOUND IN THE EAST LINE OF SAID SOUTHEASTERN FREIGHT TRACT RECORDED IN INSTRUMENT NUMBER 202100174282, O.R.D.C.T., SAID "X" CUT BEING THE NORTHWEST CORNER OF SAID SOUTHEASTERN FREIGHT TRACT RECORDED IN INSTRUMENT NUMBER 202300192964, O.R.D.C.T., AND BEING THE SOUTHWEST CORNER OF A TRACT OF LAND DESCRIBED IN A GENERAL WARRANTY DEED TO REPUBLIC SHEET METAL AND MANUFACTURING, CO., INC., RECORDED IN INSTRUMENT NUMBER 20080133312, O.P.R.D.C.T.;

THENCE N 89°45'16" E, DEPARTING THE EAST LINE OF SAID SOUTHEASTERN FREIGHT TRACT RECORDED IN INSTRUMENT NUMBER 202100174282, O.R.D.C.T., A DISTANCE OF 380.24 FEET TO A POINT IN THE EAST RIGHT-OF-WAY LINE OF SAID CASH ROAD AND THE WEST LINE OF BLOCK 1/7700 OF SAID WEST TRINITY INDUSTRIAL DISTRICT, NORTHWEST SECTION, RECORDED IN VOLUME 40, PAGE 89, M.R.D.C.T.;

NOTES:
(1) ALL BEARINGS SHOWN HEREON ARE CORRELATED TO THE STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE 4202, NORTH AMERICAN DATUM OF 1983. ADJUSTMENT REALIZATION 2011, AS DERIVED BY FIELD OBSERVATIONS UTILIZING THE RTK NETWORK ADMINISTRATED BY ALLTERRA CENTRAL, INC.
(2) THIS EXHIBIT WAS PREPARED WITHOUT BENEFIT OF A CURRENT TITLE COMMITMENT.
(3) THIS SURVEY WAS MADE ON THE GROUND DURING THE MONTHS OF MAY 2022 THRU JUNE 2024 UNDER THE DIRECT SUPERVISION OF AARON STRINGFELLOW, R.P.L.S. NO. 6373.

STATE OF TEXAS REGISTERED AARON L. STRINGFELLOW 6373 PROFESSIONAL LAND SURVEYOR

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| DRAWN BY: JG | SHEET NO. 8 OF 11 | REV. 1 |
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MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE) TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708 CITY OF DALLAS, DALLAS COUNTY, TEXAS

THENCE S 00°39'00" E, ALONG THE EAST RIGHT-OF-WAY LINE OF SAID CASH ROAD AND THE WEST LINE OF SAID BLOCK 1/7700, A DISTANCE OF 935.10 FEET TO A POINT IN THE SOUTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD AND THE NORTH LINE OF BLOCK A/7705, MERCANTILE INDUSTRIAL DISTRICT, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 52, PAGE 3, M.R.D.C.T.;

THENCE S 89°46'10" W, ALONG THE SOUTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD, A DISTANCE OF 916.70 FEET TO A POINT IN THE NORTH LINE OF LOT 1, BLOCK A/7706, MERCANTILE INDUSTRIAL DISTRICT, THIRD INSTALLMENT, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS ACCORDING TO THE PLAT RECORDED IN VOLUME 69011, PAGE 1901, D.R.D.C.T.;

THENCE N 00°35'37" W, DEPARTING THE SOUTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD, A DISTANCE OF 252.99 FEET TO A POINT IN THE MOST SOUTHERLY SOUTH LINE OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND IN THE EAST LINE OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO NMGS PARTNERSHIP, L.P., RECORDED IN INSTRUMENT NUMBER 200600365319, O.P.R.D.C.T.;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND THE EAST LINE OF SAID NMGS TRACT AS FOLLOWS:

1) S 89°24'23" W, A DISTANCE OF 8.50 FEET TO A POINT;

2) N 00°35'37" W, A DISTANCE OF 498.08 FEET TO A POINT;

3) S 89°24'23" W, A DISTANCE OF 11.98 FEET TO A POINT;

4) N 00°39'26" W, A DISTANCE OF 9.23 FEET TO A 1/2" IRON ROD FOUND, BEING THE SOUTHEAST CORNER OF SAID COMTRANS INVESTMENT TRACT RECORDED IN VOLUME 2002228, PAGE 7184, D.R.D.C.T.;

THENCE N 89°42'03" W, DEPARTING THE WEST LINE OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., ALONG THE NORTH LINE OF SAID NMGS TRACT AND THE SOUTH LINE OF SAID COMTRANS INVESTMENT TRACT RECORDED IN VOLUME 2002228, PAGE 7184, D.R.D.C.T., A DISTANCE OF 176.09 FEET TO A 1/2" IRON ROD FOUND WITH A CAP STAMPED "PACHECO KOCH" IN THE EAST LINE OF SAID LOT 1, BLOCK B/7701, COMTRANS ADDITION, SAID IRON ROD BEING THE SOUTHWEST CORNER OF SAID COMTRANS INVESTMENT TRACT RECORDED IN VOLUME 2002228, PAGE 7184, D.R.D.C.T., AND THE NORTHWEST CORNER OF A TRACT OF LAND DESCRIBED IN A QUITCLAIM DEED TO NMGS PARTNERSHIP, L.P., RECORDED IN INSTRUMENT NUMBER 202300018009, O.R.D.C.T.;

THENCE S 00°39'19" E, A DISTANCE OF 761.81 FEET TO A POINT IN THE SOUTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD;

THENCE ALONG THE SOUTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD AS FOLLOWS:

1) S 89°46'10" W, A DISTANCE OF 41.06 FEET TO A POINT IN THE WEST RIGHT-OF-WAY LINE OF TRANSPORT DRIVE (A 60' RIGHT-OF-WAY) AND THE EAST LINE OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO CRANMER LATIMER & RIDLEY HOLDINGS, LLC, RECORDED IN INSTRUMENT NUMBER 201100280055, O.P.R.D.C.T.;

NOTES:
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(2) THIS EXHIBIT WAS PREPARED WITHOUT BENEFIT OF A CURRENT TITLE COMMITMENT.
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TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708
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2) N 00°13'50" W, ALONG THE WEST RIGHT-OF-WAY LINE OF SAID TRANSPORT DRIVE AND THE EAST LINE OF SAID CRANMER LATIMER & RIDLEY HOLDINGS TRACT, A DISTANCE OF 50.00 FEET TO A 1/2" IRON ROD FOUND, BEING THE NORTHEAST CORNER OF SAID CRANMER LATIMER & RIDLEY HOLDINGS TRACT;

3) S 89°42'10" W, ALONG THE NORTH LINE OF SAID CRANMER LATIMER & RIDLEY HOLDINGS TRACT, A DISTANCE OF 340.75 FEET TO A 1/2" IRON ROD FOUND, BEING THE NORTHWEST CORNER OF SAID CRANMER LATIMER & RIDLEY HOLDINGS TRACT AND THE NORTHEAST CORNER OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED WITH VENDOR'S LIEN TO SSK REAL ESTATE, LLC, RECORDED IN INSTRUMENT NUMBER 201700248905, O.P.R.D.C.T;

4) S 89°50'02" W, ALONG THE NORTH LINE OF SAID SSK REAL ESTATE TRACT, A DISTANCE OF 208.63 FEET TO A POINT, BEING THE NORTHWEST CORNER OF SAID SSK REAL ESTATE TRACT AND THE NORTHEAST CORNER OF A TRACT OF LAND DESCRIBED IN A GENERAL WARRANTY DEED TO RUSH TRUCK CENTERS OF TEXAS, L.P., RECORDED IN INSTRUMENT NUMBER 200600365819, O.P.R.D.C.T.;

5) S 89°44'25" W, ALONG THE NORTH LINE OF SAID RUSH TRUCK TRACT, A DISTANCE OF 350.00 FEET TO A POINT, BEING THE NORTHWEST CORNER OF SAID RUSH TRUCK TRACT AND THE NORTHEAST CORNER OF LOT 1, BLOCK A/7708, ABF ADDITION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 2001028, PAGE 15, D.R.D.C.T.;

6) S 89°46'10" W, ALONG THE NORTH LINE OF SAID LOT 1, BLOCK A/7708, ABF ADDITION, A DISTANCE OF 219.91 FEET TO A POINT;

7) S 89°42'10" W, CONTINUING ALONG THE NORTH LINE OF SAID LOT 1, BLOCK A/7708, ABF ADDITION, A DISTANCE OF 31.43 FEET TO A POINT;

THENCE N 00°41'33" E, DEPARTING THE SOUTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD AND THE NORTH LINE OF SAID LOT 1, BLOCK A/7708, ABF ADDITION, A DISTANCE OF 399.50 FEET TO A POINT IN THE WEST RIGHT-OF-WAY LINE OF NORWOOD ROAD AND THE EAST LINE OF A TRACT OF LAND DESCRIBED IN A SPECIAL WARRANTY DEED TO ONWARD REALTY, LLC, RECORDED IN INSTRUMENT NUMBER 202300156479, O.R.D.C.T.;

THENCE ALONG THE WEST RIGHT-OF-WAY LINE OF SAID NORWOOD ROAD AS FOLLOWS:

1) N 06°28'21" E, ALONG THE EAST LINE OF SAID ONWARD REALTY TRACT, A DISTANCE OF 86.35 FEET TO A POINT IN THE NORTH LINE OF SAID ONWARD REALTY TRACT AND THE SOUTH LINE OF A TRACT OF LAND DESCRIBED IN A DEED TO THE UNITED STATES POSTAL SERVICE RECORDED IN VOLUME 85012, PAGE 3242, D.R.D.C.T.;

2) N 89°46'21" E, ALONG THE SOUTH LINE OF SAID UNITED STATES POSTAL SERVICE TRACT, A DISTANCE OF 7.20 FEET TO A POINT, BEING THE SOUTHEAST CORNER OF SAID UNITED STATES POSTAL SERVICE TRACT;

3) N 11°17'21" E, ALONG THE EAST LINE OF SAID UNITED STATES POSTAL SERVICE TRACT, A DISTANCE OF 96.75 FEET TO A POINT, BEING THE BEGINNING OF A CURVE TO THE LEFT;

4) NORTHERLY, AN ARC LENGTH OF 322.63 FEET ALONG THE EAST LINE OF SAID UNITED STATES POSTAL SERVICE TRACT AND SAID CURVE TO THE LEFT, HAVING A RADIUS OF 543.68 FEET, A DELTA ANGLE OF 34°00'00", AND A CHORD BEARING OF N 05°42'39" W, 317.91 FEET TO A POINT IN LESTON AVENUE (A 70' RIGHT-OF-WAY), BEING THE BEGINNING OF A CURVE TO THE RIGHT;

NOTES:
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(3) THIS SURVEY WAS MADE ON THE GROUND DURING THE MONTHS OF MAY 2022 THRU JUNE 2024 UNDER THE DIRECT SUPERVISION OF AARON STRINGFELLOW, R.P.L.S. NO. 6373.




SURVEYOR PREPARING THIS EXHIBIT:
WIER & ASSOCIATES, INC.
2201 E. LAMAR BLVD., SUITE 200E ARLINGTON, TEXAS 76006 METRO (817)467-7700
Texas Firm Registration No. F-2776 www.WierAssociates.com
Texas Board of Professional Land Surveying Registration No. 10033900

DRAWN BY: JG
APPROVED: ALS



REV. 1

BAR IS ONE INCH ON ORIGINAL FULL-SIZE PRINT

WA# 21040 PRINTED: 6/7/2024 STB FILE: WIER-SURVEY.STB LAST SAVED: 2/12/2025 5:36 PM SAVED BY: AARONLS FILE: MSD-EXHIBIT-21040-REV1.DWG

MSD SURVEY FIELD NOTES DESCRIBING A 3,681,088 SQUARE FOOT (84.506 ACRE)
TRACT LOCATED IN CITY BLOCK 7700, 7701, 7705, AND 7708
CITY OF DALLAS, DALLAS COUNTY, TEXAS

5) NORTHWESTERLY, AN ARC LENGTH OF 286.16 FEET ALONG SAID CURVE TO THE RIGHT, HAVING A RADIUS OF 722.30 FEET, A DELTA ANGLE OF 22°41'57", AND A CHORD BEARING OF N 11°34'15" W, 284.29 FEET TO A POINT IN THE EAST LINE OF LOT 2, BLOCK B/7702, RAINS SUBDIVISION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 70048, PAGE 1683, D.R.D.C.T.;

6) N 00°18'51" W, A DISTANCE OF 668.23 FEET TO A POINT IN THE EAST LINE OF LOT 4, BLOCK B/7702, H.R. PEARCE SUBDIVISION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 74208, PAGE 326, D.R.D.C.T.;

THENCE S 89°28'43" E, DEPARTING THE WEST RIGHT-OF-WAY LINE SAID NORWOOD ROAD, A DISTANCE OF 1242.31 FEET TO A 1/2" IRON ROD FOUND WITH A CAP STAMPED "WIER & ASSOC INC" IN THE SOUTH LINE OF A TRACT OF LAND DESCRIBED IN A DEED WITHOUT WARRANTY TO DALLAS AREA RAPID TRANSIT AND FORT WORTH TRANSPORTATION AUTHORITY RECORDED IN VOLUME 99251, PAGE 3713, D.R.D.C.T., AND BEING THE NORTHEAST CORNER OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 201500125351, O.P.R.D.C.T.;

THENCE S 00°37'13" E, ALONG THE EAST LINE OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 201500125351, O.P.R.D.C.T., A DISTANCE OF 10.85 FEET TO A POINT, BEING THE NORTHWEST CORNER OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND THE BEGINNING OF A NON-TANGENT CURVE TO THE LEFT;

THENCE SOUTHEASTERLY, AN ARC LENGTH OF 186.82 FEET ALONG THE NORTH LINE OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND SAID CURVE TO THE LEFT, HAVING A RADIUS OF 680.00 FEET, A DELTA ANGLE OF 15°44'30", AND A CHORD BEARING OF S 79°06'52" E, 186.24 FEET TO A POINT IN THE WEST LINE OF SAID TRINITY METRO TRACT RECORDED IN INSTRUMENT NUMBER 202400032947, O.R.D.C.T., BEING THE NORTHEAST CORNER OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND THE BEGINNING OF A NON-TANGENT CURVE TO THE RIGHT;

THENCE SOUTHERLY, AN ARC LENGTH OF 43.40 FEET ALONG THE EAST LINE OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., THE WEST LINE OF SAID TRINITY METRO TRACT RECORDED IN INSTRUMENT NUMBER 202400032947, O.R.D.C.T., AND SAID CURVE TO THE RIGHT, HAVING A RADIUS OF 296.40 FEET, A DELTA ANGLE OF 08°23'19", AND A CHORD BEARING OF S 04°48'53" E, 43.36 FEET TO A 1/2" IRON ROD FOUND;

THENCE S 00°37'13" E, CONTINUING ALONG THE EAST LINE OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND THE WEST LINE OF SAID TRINITY METRO TRACT RECORDED IN INSTRUMENT NUMBER 202400032947, O.R.D.C.T., A DISTANCE OF 78.49 FEET TO A 1/2" IRON ROD FOUND WITH A CAP STAMPED "WIER & ASSOC INC" IN THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, BEING THE SOUTHEAST CORNER OF SAID BKT ENTERPRISES TRACT RECORDED IN INSTRUMENT NUMBER 202400032946, O.R.D.C.T., AND THE SOUTHWEST CORNER OF SAID TRINITY METRO TRACT RECORDED IN INSTRUMENT NUMBER 202400032947, O.R.D.C.T.;

THENCE S 89°28'43" E, ALONG THE SOUTH LINE OF SAID TRINITY METRO TRACT RECORDED IN INSTRUMENT NUMBER 202400032947, O.R.D.C.T., AND THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, A DISTANCE OF 527.22 FEET TO THE PLACE OF BEGINNING AND CONTAINING 84.506 ACRES (3,681,088 SQUARE FEET) OF LAND, MORE OR LESS.

NOTES:
(1) ALL BEARINGS SHOWN HEREON ARE CORRELATED TO THE STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE 4202, NORTH AMERICAN DATUM OF 1983. ADJUSTMENT REALIZATION 2011, AS DERIVED BY FIELD OBSERVATIONS UTILIZING THE RTK NETWORK ADMINISTRATED BY ALLTERRA CENTRAL, INC.
(2) THIS EXHIBIT WAS PREPARED WITHOUT BENEFIT OF A CURRENT TITLE COMMITMENT.
(3) THIS SURVEY WAS MADE ON THE GROUND DURING THE MONTHS OF MAY 2022 THRU JUNE 2024 UNDER THE DIRECT SUPERVISION OF AARON STRINGFELLOW, R.P.L.S. NO. 6373.




SURVEYOR PREPARING THIS EXHIBIT:
WIER & ASSOCIATES, INC.
2201 E. LAMAR BLVD., SUITE 200E ARLINGTON, TEXAS 76006 METRO (817)467-7700
Texas Firm Registration No. F-2776 www.WierAssociates.com
Texas Board of Professional Land Surveying Registration No. 10033900

| DRAWN BY: JG | SHEET NO. 11 OF 11 | REV. 1 |
|---|---|---|
| APPROVED: ALS | | |

BAR IS ONE INCH ON ORIGINAL FULL-SIZE PRINT

WA# 21040 PRINTED: 6/7/2024 STB FILE: WIER-SURVEY.STB LAST SAVED: 2/12/2025 5:36 PM SAVED BY: AARONLS FILE: MSD-EXHIBIT-21040-REV1.DWG

W. Leighton Lord III
Direct (803) 540-2013
Fax 8037271461
Email llord@maynardnexsen.com

MAYNARDNEXSEN

November 10, 2025

City of Dallas
Office of Environmental Quality &
Sustainability
Attn: Lori Trulson, Environmental Risk
Manager
1500 Marilla Street, 7AN
Dallas, TX 75201

**Re: Legal relationship of Southeastern Freight Lines, Inc. and BKT Enterprises, L.P. (formerly Comtrans Investment Properties, L.L.C.)**

Dear Ms. Trulson:

Our firm represents Southeastern Freight Lines, Inc. ("SEFL") and BKT Enterprises, L.P. (formerly Comtrans Investment Properties, L.L.C.) ("BKT"). SEFL and BKT have common owners. BKT's sole purpose is to own real estate operated by SEFL. Officers of SEFL have authority to bind BKT.

Let us know if you have any questions.

Sincerely,

W. Leighton Lord III
President & Chief Strategy Officer
Admitted in DE and SC

WLL:bm

## Tract ID: 1

4001 Irving Blvd

(aka 4003, 4007 Irving Blvd, 3920 and 3918 Halifax Street)

“Anchor Property”

Owner: CF Real Estate, LLC

## Tract ID: 2

3919 Irving Blvd

Owner: CF Real Estate, LLC

and

## Tract ID: 3

5025 Cash Road

Owner: CF Real Estate, LLC

# SPECIAL WARRANTY DEED

**NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER**

**THE STATE OF TEXAS** §
§ **KNOW ALL BY THESE PRESENTS:**
**COUNTY OF DALLAS** §

THAT, **SOUTHEASTERN FREIGHT LINES, LLC**, a South Carolina limited liability company, F/K/A Southeastern Freight Lines, Inc., a South Carolina corporation ("Grantor"), for and in consideration of the sum of Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has GRANTED, BARGAINED, SOLD and CONVEYED, and by these presents does GRANT, BARGAIN, SELL and CONVEY unto **CF REAL ESTATE, LLC**, a South Carolina limited liability company, its successors and assigns ("Grantee"), all that certain real property situated in Dallas County, Texas, as more particularly described in **Exhibit A** attached hereto and incorporated herein for all purposes, together with all rights, titles, and interests appurtenant thereto and improvements situated thereon (collectively, the "Property").

The Property conveyed herein shall not be used for any purpose related to the waste industry, including, but not limited to, the hauling, processing, transferring, storage, recycling or disposal of municipal solid waste or hazardous waste. These restrictions are declared to be covenants running with the land for a period of thirty (30) years commencing with the effective date of this Special Warranty Deed, and shall be fully binding upon all persons or entities acquiring title to the Property whether by descent, devise, lease, purchase or otherwise and is for the benefit of and enforceable by the Grantor and Grantor's affiliates.

This Special Warranty Deed and the conveyance hereinabove set forth are executed by Grantor and accepted by Grantee, and are further subject to the matters set forth on **Exhibit B** attached hereto (the "Permitted Encumbrances"), to the extent the same are validly existing and applicable to the Property.

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances thereunto in anywise belonging, unto Grantee, its successors and

assigns, forever, and Grantor does hereby bind itself, its successors and assigns, to WARRANT AND FOREVER DEFEND, all and singular the title to the Property unto Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through, or under Grantor, but not otherwise, subject to the provisions of the Special Warranty Deed and Permitted Encumbrances.

*[Signature pages follow this page.]*

EXECUTED this 5th day of January, 2026 (the "Effective Date").

**GRANTOR:**

**SOUTHEASTERN FREIGHT LINES, LLC**, a South Carolina limited liability company

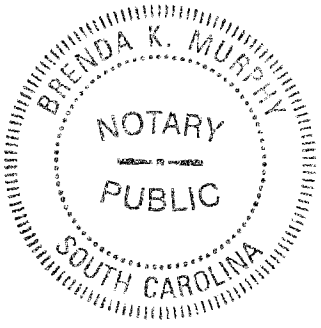
By: _____
Name: Ryan Smigiel
Title: Vice President of Real Estate

**STATE OF SOUTH CAROLINA** )
) **SS:**
**COUNTY OF LEXINGTON** )

This instrument was acknowledged before me on January 5th, 2026, by Ryan Smigiel, as Vice President of Southeastern Freight Lines, LLC, a South Carolina limited liability company

_____
Notary Public, State of South Carolina
Notary Name: Brenda K. Murphy
My Commission Expires: 03.13.2028

[NOTARY SEAL]



**Attachments**:
Exhibit A – Description of the Property
Exhibit B - Permitted Encumbrances

**After recording, please return to**:
Maynard Nexsen PC
1230 Main Street, Suite 700
Columbia, SC 29201

**Exhibit A**
**Description of the Property**

BEING a 5.4041 acre tract of land situated in the JAMES McLAUGHLIN SURVEY, ABSTRACT NO. 645, Dallas County, Texas, and also being all of Lot 1-A Block 2/7700, of Stewart & Stevenson Services Addition, an addition to the City of Dallas, as shown by the plat recorded in Volume 73067, Page 1385, of the Map Records, Dallas County, Texas and being all of Lot 1, and part of Lot 2, Block 2/7700, of West Trinity Industrial District, an addition to the City of Dallas, as shown by the plat recorded in Volume 40, Page 89, of the Map Records, Dallas County, Texas, and being more particularly described as follows:

BEGINNING at a 1/2" iron rod found for corner at the point of intersection for the North right-of-way line of Irving Boulevard (a 200' R.O.W,), with the West right-of-way line of Cash Road (a 60' R.O.W.); THENCE, N 89 degrees 31 minutes 00 seconds W, along the North right-of-way line of said Irving Boulevard, a distance of 320.05 feet to a 1/2" iron rod found for corner, said point also being the Southwest corner of said Lot 1-A; THENCE, N 00 degrees 05 minutes 30 seconds E, departing the North right-of-way line of said Irving Boulevard, and along the West line of Lot said 1-A, a distance of 734.50 feet to an "X" cut in concrete found for corner, said point also being the Southwest corner of a tract of land conveyed to Mistletoe Express Service, as recorded in Volume 5091, Page 224 of the Deed Records, Dallas County, Texas; THENCE, S 89 degrees 31 minutes 00 seconds E, along the South line of said Mistletoe Express Service, a distance of 320.50 feet to an "X" cut in concrete found for corner in the West right-of-way line of said Cash Road; THENCE, S 00 degrees 05 minutes 30 seconds W, along the West right-of-way line of said Cash Road, a distance of 734.50 feet to the POINT OF BEGINNING and containing approximately 235,400 square feet or 5.4041 acres of land.

Said Property also being described as follows:

BEING A TRACT OF LAND LOCATED IN THE JAMES MCLAUGHLIN SURVEY, ABSTRACT NO. 845, DALLAS COUNTY, TEXAS, BEING A PORTION OF LOT 1 ANO A PORTION OF LOT 2. BLOCK 2/7700, WEST TRINITY INDUSTRIAL DISTRICT NORTHWEST SECTION AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY. TEXAS ACCORDING TO THE PLAT RECORDED IN VOLUME 40, PAGE 89, MAP RECORDS, DALLAS COUNTY, TEXAS (M.R.D.C.T.), BEING ALL OF LOT 1- A, BLOCK 2/7700, STEWART & STEVENSON SERVICES ADDITION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS ACCORDING TO THE PLAT RECORDED IN VOLUME 73067, PAGE 1385, DEED RECORDS, DALLAS COUNTY, TEXAS (O.R.O.C. T, .) BEING ALL OF A TRACT OF LAND DESCRIBED IN A DEED TO WASTE MANAGEMENT OF TEXAS, INC., RECORDED IN INSTRUMENT NUMBER 200900219244, OFFICIAL PUBLIC RECORDS, DALLAS COUNTY. TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES ANO BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2" IRON ROD FOUND AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF CASH ROAD (60' RIGHT-OF-WAY) WITH THE NORTH RIGHT-OF-WAY LINE OF IRVING BOULEVARD (200' RIGHT-OF- WAY), SAID IRON ROD BEING THE SOUTHEAST CORNER OF SAID LOT 1- A AND THE SOUTHEAST CORNER OF SAID WASTE MANAGEMENT TRACT;

THENCE SOUTH 89 DEGREES 45 MINUTES 16 SECONDS ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD ANO THE SOUTH LINES OF SAID LOT 1-A AND SAID WASTE MANAGEMENT TRACT, A DISTANCE OF 320.51 FEET TO A ½" IRON ROD FOUND WITH A CAP STAMPED "VOTEX" BEING THE SOUTHWEST CORNER OF SAID LOT 1-A, THE SOUTHWEST CORNER OF SAID WASTE MANAGEMENT TRACT, ANO BEING IN THE EAST LINE OF A TRACT OF LAND DESCRIBED IN A DEED TO SOUTHEASTERN FREIGHT LINES, INC., RECORDED IN INSTRUMENT NUMBER 202100174282, O.P.R.D.C.T.;

THENCE NORTH 00 DEGREES 36 MINUTES 54 SECONDS W, departing THE NORTH RIGHT- OF- WAY LINE OF SAID IRVING BOULEVARD, ALONG THE EAST LINE OF SAID SOUTHEASTERN FREIGHT TRACT AND THE WEST LINES OF SAID LOT 1- A, LOT 1, LOT 2 AND SAID WASTE MANAGEMENT TRACT, A DISTANCE OF 734.87 FEET TO A "X" CUT FOUND BEING THE NORTHWEST CORNER OF SAID WASTE MANAGEMENT TRACT ANO THE SOUTHWEST CORNER OF A TRACT OF LAND DESCRIBED IN A DEED TO REPUBLIC SHEET METAL AND MANUFACTURING, CO., INC., RECORDED IN INSTRUMENT NUMBER 20080133312, O.P.R.D.C.T. FROM WHICH A "X" FOUND BEARS NORTH 00 DEGREES 36 MINUTES 54 SECONDS W 190.00 FEET, SAID "X" CUT BEING THE NORTHWEST CORNER OF SAID LOT 2;

THENCE NORTH 89 DEGREES 45 MINUTES 16 SECONDS E, DEPARTING THE EAST LINE OF SAID SOUTHEASTERN FREIGHT TRACT AND THE WEST LINE OF SAID LOT 2, ALONG THE NORTH LINE OF SAID WASTE MANAGEMENT TRACT AND THE SOUTH LINE OF SAID REPUBLIC SHEET METAL TRACT, A DISTANCE OF 320 .51 FEET TO A "X" CUT SET IN THE WEST RIGHT- OF- WAY LINE OF SAID CASH ROAD ANO THE EAST LINE OF SAID LOT 2, BEING THE NORTHEAST CORNER OF SAID WASTE MANAGEMENT TRACT ANO THE SOUTHEAST CORNER OF SAID REPUBLIC SHEET METAL TRACT;

THENCE SOUTH 00 DEGREES 36 MINUTES 54 SECONDS E, ALONG THE WEST RIGHT-OF- WAY LINE OF SAID CASH ROAD AND THE EAST LINES OF SAID LOT 2, LOT 1, LOT 1- A, AND SAID WASTE MANAGEMENT TRACT, A DISTANCE OF 73 4.87 FEET TO THE PLACE OF BEGINNING AND CONTAINING 5.407 ACRES (235,526 SQUARE FEET) OF LAND, MORE OR LESS.

TOGETHER WITH:

BEING A 18.13 ACRE (789,900 SQUARE FOOT) TRACT OF LAND SITUATED IN THE JACOB KNOPFLE SURVEY, ABSTRACT No. 727 AND THE JAMES McLAUGHLIN SURVEY, ABSTRACT No. 845, CITY OF DALLAS, DALLAS COUNTY, TEXAS, BEING PART OF CITY OF DALLAS BLOCKS 7700 AND 7701, AND BEING ALL OF THE CALLED TRACTS 2, 3 AND 5 DESCRIBED IN DEED TO TRINITY CENTRAL MAINTENANCE, LLC AS RECORDED IN COUNTY CLERK'S FILE No. 20070033189 OF THE OFFICIAL PUBLIC RECORDS OF DALLAS COUNTY, TEXAS.

BEGINNING AT A 1/2" YELLOW CAPPED IRON ROD FOUND (N: 6980800.86, E: 2465141.87) FOR THE COMMON SOUTHEAST CORNER OF SAID 18.13 ACRE TRACT, THE SOUTHEAST CORNER OF SAID TRACT 5 THE SOUTHWEST CORNER OF LOT 1-A, BLOCK 2/7700 OF THE STEWART & STEVENSON SERVICES ADDITION, AN ADDITION TO THE CITY OF DALLAS AS SHOWN ON THE PLAT RECORDED IN VOLUME 73067, PAGE 1385 OF THE MAP RECORDS OF SAID COUNTY AND BEING FIFTY (50) NORTH OF THE CENTERLINE OF IRVING BOULEVARD (A 200 FOOT RIGHT-OF-WAY DESCRIBED IN DEED RECORDED IN VOLUME 4513, PAGE 420 OF THE DEED RECORDS OF SAID COUNTY);

THENCE, SOUTH 89° 50' 37" WEST, WITH THE COMMON SOUTH BOUNDARY LINE OF SAID 18.13 ACRE TRACT AND THE SOUTH BOUNDARY LINE OF SAID TRACT 5, 50 FEET FROM AND PARALLEL TO SAID CENTERLINE, A DISTANCE OF 358.09 FEET TO A 5/8" IRON ROD SET WITH YELLOW PLASTIC CAP STAMPED "MMA" (HEREINAFTER CALLED A 5/8" IRON ROD SET) FOR THE COMMON SOUTHERNMOST SOUTHWEST CORNER OF SAID 18.13 ACRE TRACT AND THE SOUTHWEST CORNER OF SAID TRACT 5;

THENCE, NORTH 00° 36' 13" WEST, WITH THE COMMON WEST BOUNDARY LINE OF SAID 18.13 ACRE TRACT AND THE WEST BOUNDARY LINE OF SAID TRACT 5, A DISTANCE OF 50.00 FEET TO A 5/8" IRON ROD SET FOR THE COMMON INTERIOR ELL CORNER OF SAID 18.13 ACRE TRACT AND THE SOUTHEAST CORNER OF THE AFORESAID TRACT 3 AND BEING IN THE NORTH RIGHT-OF-WAY LINE OF IRVING BOULEVARD (A 200 FOOT RIGHT-OF-WAY DESCRIBED IN DEED RECORDED IN VOLUME 4548, PAGE 361 OF SAID DEED RECORDS);

THENCE, SOUTH 89° 50' 37" WEST, WITH THE COMMON SOUTH BOUNDARY LINE OF SAID 18.13 ACRE TRACT, THE SOUTH BOUNDARY LINE OF SAID TRACT 3 AND SAID NORTH RIGHT-OF-WAY LINE, A DISTANCE OF 177.86 FEET TO A 5/8" IRON ROD SET FOR THE COMMON WESTERNMOST SOUTHWEST CORNER OF SAID 18.13 ACRE TRACT AND THE SOUTHWEST CORNER OF SAID TRACT 3 AND BEING IN THE EAST BOUNDARY LINE OF A CALLED 2.4923 ACRE TRACT OF LAND DESCRIBED IN DEED TO ROBERT B. CARSSOW AND MARK D. CARSSOW AS RECORDED IN VOLUME 99171, PAGE 5392 OF
SAID OFFICIAL PUBLIC RECORDS, FROM WHICH A 1/2" IRON ROD FOUND FOR THE SOUTHEAST CORNER OF SAID CARSSOW TRACT BEARS SOUTH 00° 37' 50" EAST, A DISTANCE OF 50.00 FEET;

THENCE, NORTH 00° 37' 50" WEST, WITH THE COMMON WEST BOUNDARY LINE OF SAID 18.13 ACRE TRACT AND THE EAST BOUNDARY LINE OF SAID CARSSOW TRACT, A DISTANCE OF 53.00 FEET TO A 5/8" IRON ROD SET WITH YELLOW PLASTIC CAP STAMPED "MMA" (HEREINAFTER CALLED A 5/8" IRON ROD SET) FOR THE COMMON WESTERNMOST NORTHWEST CORNER OF SAID 18.13 ACRE TRACT, THE WESTERNMOST NORTHWEST CORNER OF SAID TRACT 3 AND BEING IN THE SOUTH BOUNDARY LINE OF A CALLED TRACT 2, BLOCK 7700 DESCRIBED ON PAGE 40 IN DEED TO THE CITY OF DALLAS AND THE CITY OF FORT WORTH AS RECORDED IN VOLUME 84017, PAGE 4116 OF SAID DEED RECORDS;

THENCE, NORTH 89° 22' 10" EAST, WITH A COMMON NORTH BOUNDARY LINE OF SAID 18.13 ACRE TRACT, A NORTH BOUNDARY LINE OF SAID TRACT 3 AND THE SOUTH BOUNDARY LINE OF SAID TRACT 2, BLOCK 7700, A DISTANCE OF 8.50 FEET TO A 5/8" IRON ROD SET;

THENCE, NORTH 00° 35' 42" WEST, WITH THE COMMON WEST BOUNDARY LINE OF SAID 18.13 ACRE TRACT, THE WEST BOUNDARY LINE OF SAID TRACT 3 AND THE EAST BOUNDARY LINE OF SAID TRACT 2, BLOCK 7700, A DISTANCE OF 1414.66 FEET TO A 5/8"IRON ROD FOUND FOR THE COMMON NORTHERNMOST NORTHWEST CORNER OF SAID 18.13 ACRE TRACT, THE NORTHERNMOST NORTHWEST CORNER OF SAID TRACT 3 AND THE NORTHEAST CORNER OF SAID TRACT 2, BLOCK 7700 AND BEING IN THE SOUTH RIGHT-OF-WAY LINE OF HALIFAX STREET (40 FOOT RIGHT-OF-WAY);

THENCE, SOUTH 89° 17' 10" EAST, WITH THE COMMON NORTH BOUNDARY LINE OF SAID 18.13 ACRE TRACT, THE NORTH BOUNDARY LINE OF SAID TRACT 3 AND SAID SOUTH RIGHT-OF-WAY LINE, AT 169.22 FEET PASSING A POINT FOR THE COMMON NORTHEAST CORNER OF SAID TRACT 3 AND THE NORTHWEST CORNER OF THE AFORESAID TRINITY CENTRAL MAINTENANCE TRACT 2, CONTINUING WITH THE COMMON NORTH BOUNDARY LINE OF SAID 18.13 ACRE TRACT, THE NORTH BOUNDARY LINE OF SAID TRACT 2 AND SAID SOUTH RIGHT-OF-WAY LINE, IN ALL A DISTANCE OF 526.92 FEET TO A MAGNAIL AND WASHER STAMPED "MMA"SET IN CONCRETE FOR THE COMMON NORTHEAST CORNER OF SAID 18.13 ACRE TRACT AND THE NORTHEAST CORNER OF SAID TRACT 2;

THENCE, SOUTH 00° 37' 18" EAST, WITH THE COMMON EAST BOUNDARY LINE OF SAID 18.13 ACRE TRACT AND SAID TRACT 2, AT 8.10 FEET PASSING AN X CUT IN CONCRETE FOUND FOR THE NORTHWEST CORNER OF LOT 3A, BLOCK 2/7700 OF THE ROBERT O. MULLINS ADDITION, AN ADDITION TO THE CITY OF DALLAS AS SHOWN ON THE PLAT RECORDED IN VOLUME 79218, PAGE 2470 OF THE PLAT RECORDS OF SAID COUNTY, CONTINUING WITH THE COMMON SAID EAST BOUNDARY LINE AND THE WEST BOUNDARY LINE OF SAID LOT 3A, AT 223.16 FEET PASSING A POINT FOR THE COMMON SOUTHEAST CORNER OF SAID TRACT 2 AND THE NORTHEAST CORNER OF THE AFORESAID TRACT 5, CONTINUING WITH THE COMMON EAST BOUNDARY LINE OF SAID 18.13 ACRE TRACT, THE EAST BOUNDARY LINE OF SAID TRACT 5 AND SAID WEST BOUNDARY LINE, AT 261.24 FEET PASSING A POINT FOR THE COMMON SOUTHWEST CORNER OF SAID LOT 3A AND THE NORTHWEST CORNER OF LOT 3B, BLOCK 2/7700 OF THE REPUBLIC SHEET METAL & MANUFACTURING ADDITION, AN ADDITION TO THE CITY OF DALLAS AS SHOWN ON THE PLAT RECORDED IN VOLUME 2000039, PAGE 61 OF SAID PLAT RECORDS, CONTINUING WITH THE COMMON SAID EAST BOUNDARY LINES AND THE WEST BOUNDARY LINE OF SAID LOT 3B, AT 534.56 FEET PASSING AN X CUT FOUND FOR THE COMMON SOUTHWEST CORNER OF SAID LOT 3B AND THE NORTHWEST CORNER OF LOT 2, BLOCK 2/7700 OF THE WEST TRINITY INDUSTRIAL DISTRICT, NORTHWEST SECTION ADDITION, AN ADDITION TO THE CITY OF DALLAS AS SHOWN ON THE PLAT RECORDED IN VOLUME 40, PAGE 89 OF THE MAP RECORDS OF SAID COUNTY, CONTINUING WITH THE COMMON SAID EAST BOUNDARY LINES AND THE WEST BOUNDARY LINE OF SAID WEST TRINITY INDUSTRIAL DISTRICT, NORTHWEST SECTION ADDITION, IN ALL A DISTANCE OF 1509.73 FEET TO THE POINT OF BEGINNING AND HAVING A CALCULATED AREA OF 18.13 ACRES OR 789,900 SQUARE FEET OF LAND.

## Exhibit B
## Permitted Encumbrances

1. The following restrictive covenants of record recorded in the Real Property Records of Dallas County, Texas, in Volume 3836, Page 337, but omitting any covenants or restrictions, if any, based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law.

2. 25' building line along East Line and 26.5 building line portion of West line as shown on the plat recorded in Volume 40, Page 89, in the Real Property Records of Dallas County, Texas.

3. Any titles or rights asserted by anyone, including, but not limited to, persons, the public, corporations, governments or other entities:

    a. to tidelands, or lands comprising the shores or beds of navigable or perennial rivers and streams, lakes, bays, gulfs or oceans, or
    b. to lands beyond the line of harbor or bulkhead lines as established or changed by any government, or
    c. to filled-in lands, or artificial islands, or
    d. to statutory water rights, including riparian rights, or
    e. to the area extending from the line of mean low tide to the line of vegetation, or the rights of access to that area or easement along and across that area.

4. All leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges, and immunities relating thereto, appearing in the Public Records.

5. Standby fees, taxes and assessments by any taxing authority for the year 2026, and subsequent years; and subsequent taxes and assessments by any taxing authority for prior years due to change in land usage or ownership.

6. Zoning and building laws and ordinances.

7. This conveyance is made subject to all easements, covenants, declarations, reservations, restrictions, exceptions and other matters of public record and any statement of fact that an accurate survey or personal inspection of the Property may disclose.

**Dallas County**
**John F. Warren**
**Dallas County Clerk**

---

**Instrument Number:** 202600152991

eRecording - Real Property

Recorded On: July 17, 2026 09:04 AM

Number of Pages: 10

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**" Examined and Charged as Follows: "**

Total Recording: $57.00

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********** **THIS PAGE IS PART OF THE INSTRUMENT** **********
Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY because of color or race is invalid and unenforceable under federal law.

**File Information:**

| | |
|---|---|
| Document Number: | 202600152991 |
| Receipt Number: | 20260716001000 |
| Recorded Date/Time: | July 17, 2026 09:04 AM |
| User: | Kevin T |
| Station: | CC123.dal.ccdc |

**Record and Return To:**

Simplifile

---

**STATE OF TEXAS**
**COUNTY OF DALLAS**

**I hereby certify that this Instrument was** FILED **In the File Number sequence on the date/time printed hereon, and was duly** RECORDED **in the Official Records of Dallas County, Texas.**

John F. Warren
Dallas County Clerk
Dallas County, TX

# Tract 4

4211 Irving Blvd

Owner: Comtrans Investments Properties, L.L.C. (D.B.A BKT Enterprises, L.P.)

26519

**SPECIAL WARRANTY DEED**

01/29/98 834595 $17.00
Deed

STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS: 57647
COUNTY OF DALLAS §

03/03/98 878395 $21.00
Deed

That HENRY C. SEALS, CHAPTER 7 TRUSTEE for MERCHANTS TRANSPORTATION AND LOGISTICS COMPANY, a Delaware corporation ("Grantor"), for and in consideration of the sum of Ten and No/100 Dollars ($10.00) and other valuable consideration to the undersigned paid by COMTRANS INVESTMENT PROPERTIES, L.L.C., a Texas limited liability company ("Grantee"), whose address is P.O. Box 1691, Columbia, South Carolina 29202-1691, the receipt of which is hereby acknowledged, has GRANTED, SOLD AND CONVEYED, and by these presents does GRANT, SELL AND CONVEY unto Grantee, all of the real property in Dallas County, Texas, described in the attached Exhibit "A", together with all improvements attached thereto (collectively, the "Property"), subject only to the items described in the attached Exhibit "B".

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances thereto in anywise belonging, unto Grantee, and Grantee's successors and assigns forever; and Grantor does hereby bind himself, his successors and assigns, but only in his capacity as CHAPTER 7 TRUSTEE for MERCHANTS TRANSPORTATION AND LOGISTICS COMPANY, to WARRANT AND FOREVER DEFEND, all and singular, the Property unto Grantee, and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the Property or any part thereof, by, through, or under Grantor, but not otherwise.

Grantee by its acceptance hereof, does hereby assume and agree to pay any and all ad valorem taxes and special assessments pertaining to the Property for calendar year 1997 and subsequent years.

EXCEPT AS OTHERWISE SET FORTH IN SECTION 5.1 OF THE CONTRACT OF SALE BETWEEN GRANTOR AND GRANTEE, EFFECTIVE AUGUST 1, 1997 (THE "CONTRACT"), GRANTOR IS NOT MAKING AND HAS NOT MADE, AND GRANTOR HEREBY SPECIFICALLY DISCLAIMS, ANY WARRANTY OR REPRESENTATION OF ANY KIND OR CHARACTER, EXPRESS OR IMPLIED, WITH RESPECT TO THE PROPERTY, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OR REPRESENTATIONS AS TO MATTERS OF TITLE (OTHER THAN GRANTOR'S WARRANTY OF TITLE CONTAINED IN THIS SPECIAL WARRANTY DEED), ZONING, TAX CONSEQUENCES, PHYSICAL OR ENVIRONMENTAL CONDITIONS, AVAILABILITY OF ACCESS, INGRESS OR EGRESS, OPERATING HISTORY OR PROJECTIONS, VALUATION, GOVERNMENTAL APPROVALS, GOVERNMENTAL REGULATIONS OR ANY OTHER MATTER OR THING RELATING TO OR AFFECTING THE PROPERTY, INCLUDING, WITHOUT LIMITATION, (i) THE VALUE, CONDITION, MERCHANTABILITY, MARKETABILITY, PROFITABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE OF THE PROPERTY, (ii) THE MANNER OR QUALITY OF THE CONSTRUCTION OR MATERIALS INCORPORATED INTO ANY OF THE PROPERTY AND (iii) THE MANNER, QUALITY, STATE OF REPAIR OR LACK OF REPAIR OF THE PROPERTY. GRANTEE ACKNOWLEDGES AND REPRESENTS THAT IT HAS NOT RELIED UPON AND WILL NOT RELY UPON, EITHER DIRECTLY OR INDIRECTLY, ANY REPRESENTATION OR WARRANTY OF GRANTOR OR ANY AGENT OF GRANTOR. GRANTEE FURTHER ACKNOWLEDGES AND REPRESENTS THAT IT IS A SOPHISTICATED PURCHASER OF REAL ESTATE AND THAT IT IS RELYING SOLELY ON ITS OWN EXPERTISE AND THAT OF GRANTEE'S CONSULTANTS IN PURCHASING THE PROPERTY. GRANTEE REPRESENTS THAT IT HAS CONDUCTED SUCH INSPECTIONS AND INVESTIGATIONS OF THE PROPERTY AS GRANTEE HAS DEEMED NECESSARY, INCLUDING, BUT NOT LIMITED TO THE PHYSICAL AND ENVIRONMENTAL CONDITIONS THEREOF AND SHALL RELY UPON SAME. GRANTEE HEREBY ACKNOWLEDGES THAT IT ASSUMES THE RISK THAT ADVERSE MATTERS, INCLUDING, BUT NOT LIMITED TO, ADVERSE PHYSICAL AND ENVIRONMENTAL CONDITIONS, MAY NOT HAVE BEEN REVEALED BY GRANTEE'S INSPECTIONS AND INVESTIGATIONS. GRANTEE ACCEPTS THE PROPERTY, AND

THIS DOCUMENT IS BEING RE-RECORDED TO CORRECT THE LEGAL Description
a-62224.2

ACKNOWLEDGES THAT THE CONVEYANCE OF THE PROPERTY TO GRANTEE IS MADE BY GRANTOR, ON AN "AS IS, WHERE IS, AND WITH ALL FAULTS" BASIS. GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT THERE ARE NO ORAL AGREEMENTS, WARRANTIES OR REPRESENTATIONS, COLLATERAL TO OR AFFECTING THE PROPERTY BY THE GRANTOR, ANY AGENT OF THE GRANTOR OR ANY THIRD PARTY. GRANTEE FURTHER ACKNOWLEDGES AND REPRESENTS THAT GRANTOR SHALL NOT BE LIABLE OR BOUND IN ANY MANNER BY ANY ORAL OR WRITTEN STATEMENTS, REPRESENTATIONS, OR INFORMATION PERTAINING TO THE PROPERTY FURNISHED BY ANY REAL ESTATE BROKER, AGENT, EMPLOYEE, SERVANT OR OTHER PERSON. GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT THE PURCHASE PRICE FOR THE PROPERTY IS A DISCOUNTED PRICE BASED UPON THE PROPERTY BEING CONVEYED "AS IS, WHERE IS, AND WITH ALL FAULTS" AS PROVIDED HEREIN AND IN SECTION 8.16 OF THE CONTRACT, AND THAT GRANTOR WOULD NOT HAVE AGREED TO SUCH PURCHASE PRICE BUT FOR THE PROVISIONS OF THIS SECTION 8.16 OF THE CONTRACT.

GRANTEE'S AGREEMENT TO, AND ACKNOWLEDGMENT OF, THE VARIOUS MATTERS SPECIFIED IN THIS SPECIAL WARRANTY DEED SHALL BE CONCLUSIVELY EVIDENCED BY GRANTEE'S ACCEPTANCE HEREOF.

EXECUTED this 27th day of January 1998.

**GRANTOR:**

HENRY C. SEALS, CHAPTER 7 TRUSTEE for MERCHANTS TRANSPORTATION AND LOGISTICS COMPANY, a Delaware corporation

By: _____, Trustee
Henry C. Seals, Trustee

ACCEPTED AND AGREED TO
this 27th day of January, 1998.

**GRANTEE:**

COMTRANS INVESTMENT PROPERTIES, L.L.C.,
a Texas limited liability company

By: _____
Name: W T Brogdon
Title: Mgr

98042 02034



98019 01240

STATE OF TEXAS §
§
COUNTY OF Tarrant §

This instrument was acknowledged before me on this 27th day of January, 1998, by HENRY C. SEALS, CHAPTER 7 TRUSTEE for MERCHANTS TRANSPORTATION AND LOGISTICS COMPANY, a Delaware corporation, on behalf of said corporation.

WANDA J. CLAYTON
MY COMMISSION EXPIRES
August 31, 199

Wanda J. Clayton
Notary Public Signature

(PERSONALIZED SEAL)

STATE OF Texas §
§
COUNTY OF Dallas §

This instrument was acknowledged before me on this 28th day of January, 1998, by W. T. Bragdon, Manager of COMTRANS INVESTMENT PROPERTIES, L.L.C., a Texas limited liability company, on behalf of said company.

Helen Sullivan
Notary Public Signature

(PERSONALIZED SEAL)

HELEN SULLIVAN
MY COMMISSION EXPIRES
August 17, 2001

After recording, return to:

AFTER RECORDING, RETURN TO:
LAWYERS TITLE INS. CORP.
600 N. PEARL STE. 700, LB 185
DALLAS, TX 75201
ATTN: HELEN SULLIVAN

Exhibit A - Property Description
Exhibit B - Permitted Exceptions



98019 01241 98042 02035

EXHIBIT B
TO
SPECIAL WARRANTY DEED

Permitted Exceptions

1. Any discrepancies, conflicts, or shortages in area or boundary lines or any encroachments, or protrusions or any overlapping of improvements.

2. Standby fees, taxes and assessments, by any taxing authority for the year 1997 and subsequent years, and subsequent, taxes and assessments by any taxing authority for prior years to change in land usage or ownership.

3. Terms and conditions of Ordinance No. 71-100, entitled Airport Zoning Ordinance of the Dallas-Fort Worth Regional Airport, dated December 16, 1971, filed September 2, 1982, recorded in Volume 82173, Page 178, Deed Records, DALLAS County, Texas.

4. Easement created in instrument executed by FIRST NATIONAL BANK IN DALLAS, INDEPENDENT EXECUTOR OF THE ESTATE OF EARL P. HARWELL, DECEASED, and MARY W. HARWELL, to CITY OF DALLAS for sanitary sewer, dated July 22, 1954, filed September 24, 1954, recorded in Volume 4114, Page 630, Deed Records, DALLAS County, Texas.

5. Easement created in instrument executed by MARY W. HARWELL, and FIRST NATIONAL BANK IN DALLAS, TRUSTEE, UNDER THE WILL OF EARL P. HARWELL, DECEASED, to CITY OF DALLAS for water main and appurtenances, dated January 26, 1960, filed March 16, 1960, recorded in Volume 5298, Page 457, Deed Records, DALLAS County, Texas.

6. Easement created in instrument executed by MERCHANTS FAST MOTOR FREIGHT LINES, INC. to DALLAS POWER & LIGHT COMPANY for electric transmission, distribution and communication systems, dated March 28, 1966, filed April 4, 1966, recorded in Volume 792, Page 1130, Deed Records, DALLAS County, Texas.

7. Power lines and power poles along South and West property lines as shown on survey by James Dewey, Registered Professional Land Surveyor, #1641, dated September 17, 1997.

8. 12 inch water line along North property line as shown on survey by James Dewey, Registered Profcssional Land Surveyor, #1641, dated September 17, 1997.



98019 01242 98042 02036

LAWYERS TITLE INSURANCE CORPORATION

EXHIBIT A

BEING a tract of land situated in the JACOB KNOPFLE SURVEY, ABSTRACT NO. 727, and the JAMES McLAUGHLIN SURVEY, ABSTRACT NO. 845, City Block 7701, City of Dallas, DALLAS County, Texas, being described as Tract 2 in deed from National Bank of Commerce, Trustee, to E. P. Harwell, recorded in Volume 2355, Page 192, Deed Records of DALLAS County, Texas, and being more particularly described as follows:

BEGINNING at the intersection of the North line of Irving Boulevard (a 100 foot right of way), with the centerline of Norwood Road (a 60 foot right of way) and iron stake for corner;

THENCE North, with the said centerline of Norwood Road, a distance of 162.17 feet to the beginning of a curve to the right, having a central angle of 12 degrees 00 minutes, a radius of 955.36 feet, an iron stake for corner;

THENCE Northerly with the said centerline of Norwood Road, same being with said curve to the right, an arc distance of 200.09 feet, an iron stake for corner;

THENCE North 12 degrees 00 minutes East, with the said centerline of Norwood Road, a distance of 115.00 feet to the beginning of a curve to the left, having a central angle of 33 degrees 53 minutes 41 seconds, a radius of 573.68 feet, an iron stake for corner;

THENCE Northerly with the said centerline of Norwood Road, same being with said curve to the left, an arc distance of 339.37 feet to the end of said curve and the beginning of a curve to the right, having a central angle of 22 degrees 49 minutes 21 seconds, a radius of 692.30 feet, an iron stake for corner;

THENCE Northerly with the said centerline of Norwood Road, same being with said curve to the right, an arc distance of 275.76 feet to the end of said curve, an iron stake for corner;

THENCE North 00 degrees 55 minutes 40 seconds East, with the said centerline of Norwood Road, a distance of 462.99 feet to the intersection of the said centerline of Norwood Road, with the south line of Halifax Street (a 40 foot right of way), an iron stake for corner;

THENCE South 88 degrees 42 minutes 20 seconds East, with the said South line of Halifax Street, a distance of 1208.50 feet, an iron stake found for coner;

THENCE South 00 degrees 11 minutes 30 seconds West, with the West line of a 100 acre tract of land conveyed to Norwood Development Company in Volume 3329, Page 377, Deed Records, DALLAS County, Texas, a distance of 1521.42 feet to a point in the said North line of Irving Boulevard, an iron stake found for corner;

THENCE North 89 degrees 31 minutes West, with the said North line of Irving Boulevard, a distance of 1176.75 feet to the PLACE OF BEGINNING and CONTAINING 41.372 acres of land, more or less.

98020 29098 98042 02038

98019 01244 91210 61086

COUNTY CLERK
DALLAS COUNTY

98 JAN 29 AM 10:50

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.

STATE OF TEXAS COUNTY OF DALLAS

I hereby certify this instrument was filed on the date and time stamped hereon by me and was duly recorded in the volume and page of the named records of Dallas County, Texas as stamped hereon by me.

JAN 29 1998

COUNTY CLERK, Dallas County, Texas

LAWYERS TITLE INSURANCE CORPORATION

EXHIBIT A

BEING a tract of land situated in the JACOB KNOPFLE SURVEY, ABSTRACT NO. 727, and the JAMES McLAUGHLIN SURVEY, ABSTRACT NO. 845, and being a portion of City Block No. 7701, City of Dallas, Texas, and being more particularly described by metes and bounds as follows:

BEGINNING at an iron rod set for corner at the intersection of the North line of Irving Boulevard (having a 100.00 foot wide right of way), with the East line of Norwood Road (having a 60.00 foot wide Right-of-Way;

THENCE North along the said East line of Norwood Road for a distance of 162.42 feet to an iron rod set for corner, the same point being the beginning of a curve to the right having a central angle of 12 degrees 00 minutes 00 seconds, a radius of 925.36 feet, a tangent of 97.26 feet, and a chord that bears North 06 degrees 00 minutes 00 seconds East, 193.45 feet;

THENCE continuing along the said East line of Norwood Road and along the last mentioned curve to the right for an arc distance of 193.81 feet to an iron rod set for corner;

THENCE North 12 degrees 00 minutes 00 seconds East continuing along the said East line of Norwood Road for a distance of 115.00 feet to an iron rod set for corner, the same point being the beginning of a curve to the left having a central angle of 34 degrees 00 minutes 00 seconds, a radius of 603.68 feet; a tangent of 184.56 feet, and a chord that bears North 05 degrees 00 minutes 00 seconds West 353.00 feet;

THENCE continuing along the said East line of Norwood Road and along the last mentioned curve to the right for an arc distance of 358.23 feet to an iron rod set for corner, the same point being the beginning of a curve to the right having a central angle of 22 degrees 30 minutes 00 seconds, a radius of 662.30 feet, a tangent of 131.74 feet and a chord that bears North 10 degrees 45 minutes 00 seconds West 258.42 feet;

THENCE continuing along the said East line of Norwood Road and along the last mentioned curve to the right for an arc distance of 260.08 feet to an iron rod set for corner;

THENCE North 00 degrees 30 minutes 00 seconds East continuing along the said East line of Norwood Road for a distance of 464.22 feet to an iron rod set for corner at the intersection of the said East line of Norwood Road with the South line of Halifax Street (having a 40.00 foot wide right of way);

THENCE South 88 degrees 45 minutes 40 seconds East along the South line of Halifax Street for a distance of 1,161.54 feet to an iron rod set for corner;

THENCE South 00 degrees 03 minutes 20 seconds West departing the South line of Halifax Street for a distance of 1,521.45 feet to an iron rod set for corner in the North line of Irving Boulevard;

THENCE North 89 degrees 31 minutes 00 seconds West along the North line of Irving Boulevard for a distance of 1,129.05 feet to the POINT OF BEGINNING.

CONTAINING 1,726,183 square feet or 39.6277 acres of land, more or less.

98042 02040

FILED

98 MAR -3 AM 9:19

EARL BULLOCK
COUNTY CLERK
DALLAS COUNTY

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.

STATE OF TEXAS COUNTY OF DALLAS

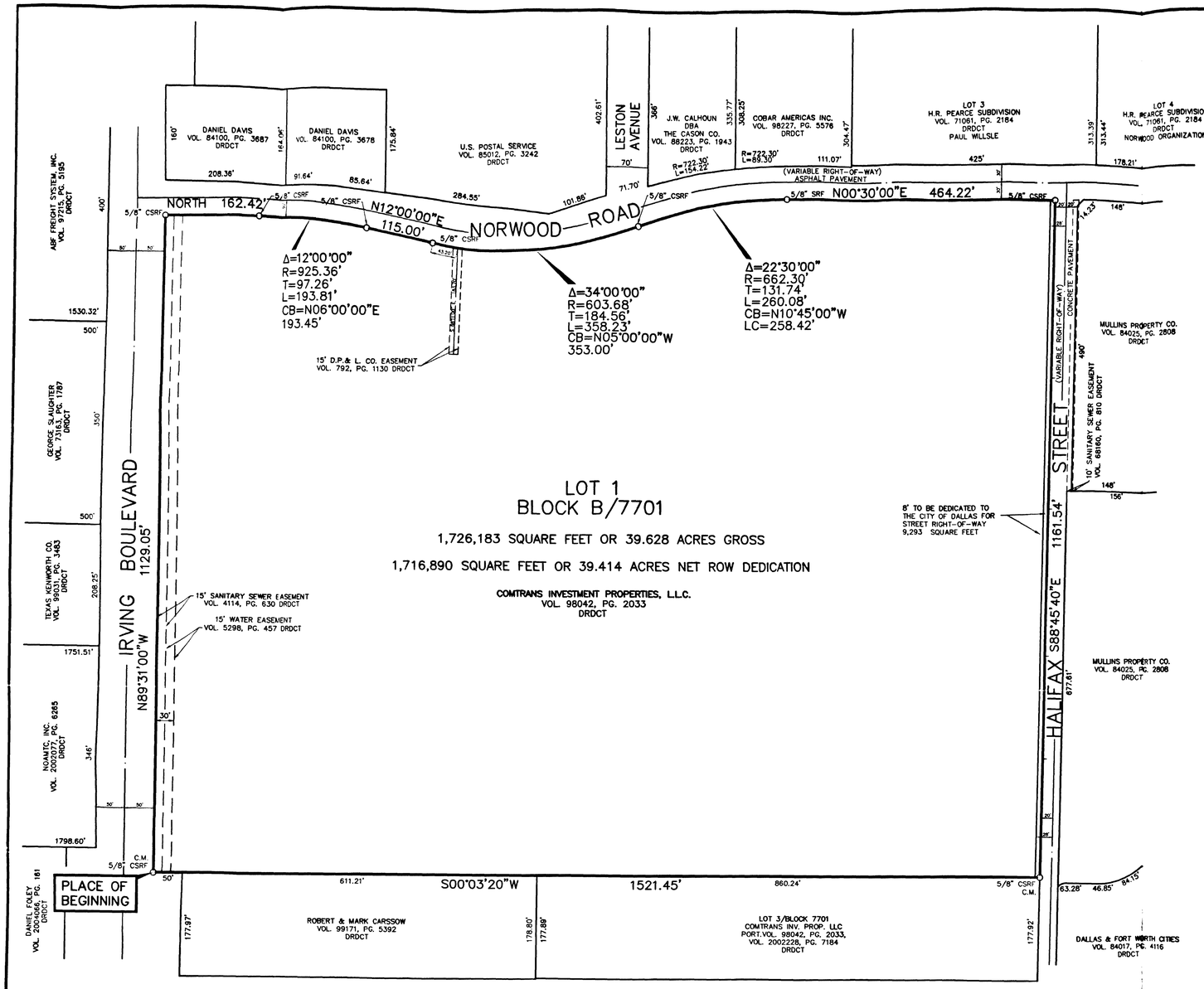
I hereby certify this instrument was filed on the date and time stamped hereon by me and was duly recorded in the volume and page of the named records of Dallas County, Texas as stamped hereon by me.

MAR 3 1998

Earl Bullock

COUNTY CLERK, Dallas County, Texas

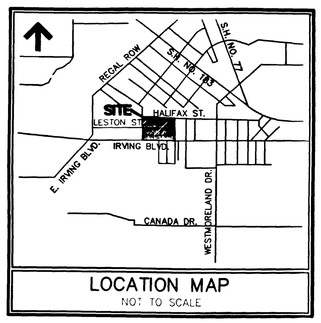
3467947
5/7/97
96/11/05
136.00 Rec
96156 0262




**LEGEND**
SRF STEEL ROD FOUND
SRS STEEL ROD SET
(C.M.) CONTROL MONUMENT

NORTH
NORTH

0' 100' 200' 300'
GRAPHIC SCALE




LOCATION MAP
NOT TO SCALE

**OWNER'S CERTIFICATE**
CITY OF DALLAS )(
COUNTY OF DALLAS )(
STATE OF TEXAS )(

WHEREAS WE, COMTRANS INVESTMENT PROPERTIES, L.L.C., a Texas limited liability company, are the owners of a tract of land situated in the Jacob Knopfle Survey, Abstract No. 727 and the James McLaughlin Survey, Abstract No. 845, and being a portion of City Block No. 7701, City of Dallas, Texas, by deed recorded in Volume 98042, Page 2033, of the Deed Records of Dallas County, Texas, and being more particularly described as follows:

BEGINNING at a 5/8-inch steel rod with cap stamped "JDJR" found for corner in the north line of Irving Boulevard (a variable width right-of-way), same point being the southeast corner of the aforementioned Comtrans Tract;

THENCE, North 89 degrees 31 minutes 00 seconds West, with the north line of said Irving Boulevard, a distance of 1,129.05 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner at the intersection of the north line of said Irving Boulevard with the east line of Norwood Road (a variable width right-of-way), same point being the southwest corner of said Comtrans Tract;

THENCE, North, with the east line of said Norwood Road, a distance of 162.42 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner, same point being the beginning of a curve to the right having a radius of 925.36 feet, a central angle of 12 degrees 00 minutes 00 seconds, a tangent of 97.26 feet, and a chord that bears North 06 degrees 00 minutes 00 seconds East, a distance of 193.45 feet;

THENCE, Northeasterly, with said curve to the right and the east line of said Norwood Road, an arc distance of 193.81 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner;

THENCE, North 12 degrees 00 minutes 00 seconds East, continuing with the east line of said Norwood Road, a distance of 115.00 feet to to a 5/8-inch steel rod with cap stamped "JDJR" found for corner, same point being the beginning of a curve to the left having a radius of 603.68 feet, a central angle of 34 degrees 00 minutes 00 seconds, a tangent of 184.56 feet, and a chord that bears North 05 degrees 00 minutes 00 seconds West, a distance of 353.00 feet;

THENCE, Northwesterly, with said curve to the left and the east line of said Norwood Road, an arc distance of 358.23 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner, same point being the beginning of a curve to the right having a radius of 662.30 feet, a central angle of 22 degrees 30 minutes 00 seconds, a tangent of 131.74 feet, and a chord that bears North 10 degrees 45 minutes 00 seconds West, a distance of 258.42 feet;

THENCE, Northwesterly, with said curve to the right and the east line of said Norwood Road, an arc distance of 260.08 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner;

THENCE, North 00 degrees 30 minutes 00 seconds East, continuing with the east line of said Norwood Road a distance of 464.22 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner in the south line of Halifax Street (a variable width right-of-way), same point being the northwest corner of said Comtrans Tract;

THENCE, South 88 degrees 45 minutes 40 seconds East, with the south line of said Halifax Street a distance of 1,161.54 feet to a 5/8-inch steel rod with cap stamped "JDJR" found for corner;

THENCE, South 00 degrees 03 minutes 20 seconds West, at 860.24 feet pass the northwest corner of a tract of land described in deed to Robert and Mark Carssow, recorded in Volume 99171, Page 5392 of the Deed Records of Dallas County, Texas, at 1,471.45 feet pass the southwest corner of said Carssow Tract, and continuing on said bearing, a total distance of 1,521.45 feet to the PLACE OF BEGINNING.

CONTAINING a computed 1,726,183 square feet or 39.628 acres of land.

**OWNER'S DEDICATION**

NOW THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

THAT WE, COMTRANS INVESTMENT PROPERTIES, L.L.C., a Texas limited liability company, acting by and through its duly authorized agent does hereby adopt this plat, designating the herein above described property as COMTRANS ADDITION, an Addition to the City of Dallas, Dallas County, Texas, and do hereby dedicate, in fee simple, to the public use forever any streets, alleys and floodway management areas shown thereon. The easements shown hereon are hereby reserved for the purposes indicated. The utility and fire lane easements shall be open to the public, fire and police units, garbage and rubbish collection agencies, and all public and private utilities for each particular use. The maintenance of paving on the utility and fire lane easements is the responsibility of the property owner. No buildings, fences, trees, shrubs or other improvements or growths shall be constructed, reconstructed or placed upon, over or across the easements as shown. Said easements being hereby reserved for the mutual use and accommodation of all public utilities using or desiring to use same. All and any public utility shall have the right to remove and keep removed all or parts of any building, fences, trees, or shrubs or other improvements or growths which in any way may endanger or interfere with the construction, maintenance or efficiency of its respective system on the easements, and all public utilities shall at all times have the full right of ingress and egress to or from and upon said easements for the purpose of constructing, reconstructing, inspecting, patrolling, maintaining and adding to or removing all or parts of its respective systems without the necessity at any time of procuring the permission of anyone. (Any public utility shall have the right of ingress and egress to private property for the purpose of reading meters and any maintenance or service required or ordinarily performed by that utility).

Water main and wastewater easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water services and wastewater services from the main to the curb or pavement line, and description of such additional easements herein granted shall be determined by their location as installed.

This plat approved subject to all platting ordinances, rules, regulations, and resolutions of the City of Dallas, Texas.

WITNESS, my hand at Dallas, Texas this the 21st day of April 2005.

COMTRANS INVESTMENT PROPERTIES, L.L.C.

BY: W.T. BROGDON, Manager

STATE OF TEXAS )(
COUNTY OF DALLAS )(

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared W.T. BROGDON, known as Manager of COMTRANS INVESTMENT PROPERTIES, L.L.C., known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said COMTRANS INVESTMENT PROPERTIES, L.L.C., that he was duly authorized to perform the same by appropriate resolution of the board of directors of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 21st day of April 2005.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

DEBRA Y. COX
Notary Public, State of Texas
My Comm. Expires Feb. 13, 2007

NOTES:

1. NO LOT-TO-LOT DRAINAGE WILL BE ALLOWED.

2. BASIS OF BEARINGS: SUBJECT DEED RECORDED IN VOLUME 98042, PAGE 2033, DEED RECORDS, DALLAS COUNTY, TEXAS.

**SURVEYOR'S CERTIFICATE**

STATE OF TEXAS )(
COUNTY OF DALLAS )(

THAT I, HEATHER LYNN LEMONS, do hereby certify that I prepared this plat from an actual and accurate survey on the ground of property and that all block monuments and corners were placed under my personal supervision, and in accordance with platting rules and regulations of the City of Dallas, Texas.

HEATHER LYNN LEMONS
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5712

STATE OF TEXAS
HEATHER LYNN LEMONS
5712
REGISTERED PROFESSIONAL LAND SURVEYOR

STATE OF TEXAS )(
COUNTY OF DALLAS )(

BEFORE ME, the undersigned, a Notary Public in and said State on this date personlly appeared HEATHER LYNN LEMONS, known to me personally to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 22nd day of April 2005.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

DEBRA Y. COX
Notary Public, State of Texas
My Comm. Expires Feb. 13, 2007

PLAT RECORDED _____ VOLUME _____ PAGE _____ D.R.D.C.T. DRAWN BY: CRG

FINAL PLAT
# COMTRANS ADDITION
LOT 1, BLOCK B/7701
BEING 39.628 ACRES
JACOB KNOPFLE SURVEY, ABSTRACT NO. 727, &
JAMES McLAUGHLIN SURVEY, ABSTRACT NO. 845
CITY OF DALLAS, DALLAS COUNTY, TEXAS
CITY PLAN FILE NO.S034-332
SCALE: 1"=100'
APRIL - 2005

OWNER:
COMTRANS INVESTMENT PROPERTIES, L.L.C.
P.O. BOX 1691
COLUMBIA, SC 29202
(803) 939-3234

JDJR ENGINEERS AND CONSULTANTS, INC.
ENGINEERS · LAND PLANNERS · SURVEYORS
2500 Texas Drive Suite 100 Irving, Texas 75062
Tel 972-252-5357 JDJR1 Fax 972-252-6666

## Tract 5

4221 Halifax Street

Owner: BKT Enterprises, L.P.

and

## Tract 6

4203 Halifax Street

Owner: BKT Enterprises, L.P.

**NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.**

ELECTRONICALLY RECORDED 201500125351
05/15/2015 03:21:15 PM DEED 1/8

Grantee's Address:

BKT Enterprises, L.P.
c/o Southeastern Freight Lines, Inc.
420 Davega Road
Lexington, SC 29073
Attn: WT Brogdon

## SPECIAL WARRANTY DEED

**THE STATE OF TEXAS** §
§ **KNOW ALL MEN BY THESE PRESENTS:**
**COUNTY OF DALLAS** §

That **MPC DALLAS, LLC**, a Texas limited liability company (hereinafter called "**Grantor**"), in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS and other good and valuable consideration in hand paid by **BKT ENTERPRISES, L.P.**, a South Carolina limited partnership (hereinafter called "**Grantee**"), the receipt and sufficiency of which are hereby acknowledged and confessed, has GRANTED, BARGAINED, SOLD AND CONVEYED, and by these presents does hereby GRANT, BARGAIN, SELL and CONVEY unto Grantee, all of Grantor's right, title and interest in and to the real property located in Dallas County, Texas which is more particularly described on Exhibit "A" attached hereto and made a part hereof for all purposes, together with all and singular, all of Grantor's right, title and interest in and to all rights, benefits, privileges, easements, tenements, and appurtenances thereon and pertaining thereto, including all of Grantor's right, title and interest in and to any adjacent streets, roads, alleys, easements and rights-of-way (said real property, together with such rights, appurtenances and interests, being collectively called the "**Property**"), subject to, however, those exceptions and encumbrances set forth on Exhibit "B" attached hereto and made a part hereof for all purposes (said exceptions and encumbrances being called the "**Permitted Encumbrances**").

TO HAVE AND TO HOLD the Property unto Grantee, its successors and assigns FOREVER, and Grantor does hereby bind itself and its successors and assigns to WARRANT AND FOREVER DEFEND all and singular the Property, subject to the Permitted Encumbrances, unto Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Grantor, but not otherwise.

GRANTEE IS ACQUIRING THE PROPERTY "AS IS" WITH ALL FAULTS AND DEFECTS. OTHER THAN AS SET FORTH IN THAT CERTAIN AGREEMENT OF SALE BETWEEN GRANTOR AND GRANTEE IN WHICH GRANTOR AGREED TO SELL THE PROPERTY TO GRANTEE, GRANTOR HAS NOT MADE, DOES NOT MAKE AND SPECIFICALLY DISCLAIMS ANY

REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS, AGREEMENTS, OR GUARANTIES OF ANY KIND OR CHARACTER WHATSOEVER, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, PAST, PRESENT OR FUTURE, OF, AS TO, CONCERNING OR WITH RESPECT TO (A) THE NATURE, QUALITY OR CONDITION OF THE PROPERTY, INCLUDING, WITHOUT LIMITATION, THE WATER, SOIL, AND GEOLOGY, OR THE PRESENCE OR ABSENCE OF ANY POLLUTANT, HAZARDOUS WASTE, GAS OR SUBSTANCE OR SOLID WASTE ON OR ABOUT THE PROPERTY, (B) THE INCOME TO BE DERIVED FROM THE PROPERTY, (C) THE SUITABILITY OF THE PROPERTY FOR ANY AND ALL ACTIVITIES AND USES WHICH GRANTEE MAY INTEND TO CONDUCT THEREON, (D) THE COMPLIANCE OF OR BY THE PROPERTY OR ITS OPERATION WITH ANY LAWS, RULES, ORDINANCES OR REGULATIONS OF ANY GOVERNMENTAL AUTHORITY OR BODY HAVING JURISDICTION INCLUDING, WITHOUT LIMITATION, ALL APPLICABLE ZONING LAWS, (E) THE HABITABILITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE OF THE PROPERTY, OR (F) ANY OTHER MATTER RELATED TO OR CONCERNING THE PROPERTY. GRANTEE HAS BEEN GIVEN AN OPPORTUNITY TO INSPECT THE PROPERTY AND IS RELYING SOLELY ON ITS OWN INSPECTIONS AND INVESTIGATIONS OF THE PROPERTY AND NOT ON ANY INFORMATION PROVIDED BY GRANTOR.

Real property ad valorem taxes and assessments having been prorated to the date hereof, Grantee hereby assumes and agrees to pay when due all such ad valorem property taxes and assessments for the year 2015 and subsequent years.

***[The remainder of this page is intentionally left blank; signature page follows]***

EXECUTED by Grantor on the date of the acknowledgment set forth below, but this deed is to be effective as of May 15, 2015.

**GRANTOR:**

**MPC DALLAS, LLC,**
a Texas limited liability company

By: Mullins Property Company,
a Texas general partnership,
its sole member

By: _____
Florence L. Mullins,
Managing Partner

STATE OF TEXAS §
§
COUNTY OF DALLAS §

This instrument was acknowledged before me on the 14th day of May, 2015, by Florence L. Mullins, the managing partner of Mullins Property Company, a Texas general partnership, the sole member of **MPC DALLAS, LLC**, a Texas limited liability company.

Johnna Box
Notary Public,
State of Texas
Expires: 12-29-2018

_____
Notary Public in and for the State of Texas

Exhibit "A"

**Property**

TRACT 1:

BEING A TRACT OF LAND LOCATED IN THE JAMES MCLAUGHLIN SURVEY, ABSTRACT No. 845, DALLAS COUNTY, TEXAS, BEING ALL OF LOT 1, BLOCK A/7701, MULLINS PROPERTY COMPANY ADDITION, AN ADDITION TO THE CITY OF DALLAS, DALLAS COUNTY, TEXAS ACCORDING TO THE PLAT RECORDED IN VOLUME 85124, PAGE 2808, MAP RECORDS, DALLAS COUNTY TEXAS, (M.R.D.C.T.), AND BEING A PORTION OF A TRACT OF LAND DESCRIBED AS TRACT 1 IN A DEED TO MPC DALLAS, LLC., RECORDED IN INSTRUMENT No. 201100045332, OFFICIAL PUBLIC RECORDS, DALLAS COUNTY, TEXAS (O.P.R.D.C.T.), AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2" IRON ROD FOUND IN THE NORTH RIGHT-OF-WAY LINE OF HALIFAX STREET (A VARIABLE WIDTH RIGHT-OF-WAY), SAID IRON ROD BEING THE SOUTHEAST END OF A RIGHT-OF-WAY CORNER CLIP AT THE INTERSECTION OF THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET WITH THE EAST RIGHT-OF-WAY LINE OF NORWOOD ROAD (A CALLED 60' WIDE RIGHT-OF-WAY);

THENCE NORTH 44°50'44" WEST, ALONG SAID CORNER CLIP, A DISTANCE OF 14.23 FEET TO A 1/2" IRON ROD FOUND (BENT), SAID IRON ROD BEING THE NORTHWEST END OF SAID CORNER CLIP;

THENCE NORTH 00°12'45" WEST, ALONG THE EAST RIGHT-OF-WAY LINE OF SAID NORWOOD ROAD, THE WEST LINE OF SAID TRACT 1 AND THE WEST LINE OF SAID LOT 1, A DISTANCE OF 148.02 FEET TO A No. 8 NAIL FOUND, FROM WHICH A 3/8" IRON ROD FOUND BEARS SOUTH 86°50' EAST, 5.3 FEET, SAID NAIL BEING THE NORTHWEST CORNER OF SAID TRACT 1, THE NORWEST CORNER OF SAID LOT 1, AND IN THE SOUTH LINE OF A TRACT OF LAND DESCRIBED IN A DEED TO DALLAS AREA RAPID TRANSIT (DART) RECORDED IN VOLUME 99251, PAGE 3713, DEED RECORDS, DALLAS COUNTY, TEXAS (D.R.D.C.T.);

THENCE SOUTH 89°28'43" EAST, DEPARTING THE EAST RIGHT-OF-WAY LINE OF SAID NORWOOD ROAD, PARALLEL TO AND 158 FEET NORTH OF THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, ALONG THE SOUTH LINE OF SAID DART TRACT AND ALONG THE NORTH LINE OF SAID TRACT 1 AND SAID LOT 1, AT A DISTANCE OF 500.00 FEET PASSING THE NORTHEAST CORNER OF SAID LOT 1, AND CONTINUING PARALLEL TO AND 166 FEET NORTH OF THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, IN ALL A DISTANCE OF 1181.02 FEET TO A 1/2" IRON ROD SET WITH A CAP STAMPED "WIER & ASSOC INC", SAID IRON ROD BEING AN ELL CORNER OF SAID DART TRACT;

THENCE SOUTH 00°37'13" EAST, ALONG THE WEST LINE OF SAID TRACT 1 AND A WEST LINE OF SAID DART TRACT, A DISTANCE OF 166.03 FEET, TO A 1/2" IRON ROD SET WITH A CAP STAMPED "WIER & ASSOC INC" IN THE NORTH LINE OF SAID HALIFAX STREET, SAID IRON ROD BEING THE SOUTHEAST CORNER OF SAID TRACT 1 FROM WHICH A 1/2" IRON ROD SET WITH A CAP STAMPED "WIER & ASSOC INC" BEARS SOUTH 89°28'43" EAST, 185.70 FEET, SAID IRON ROD BEING THE SOUTHWEST CORNER OF A TRACT OF LAND DESCRIBED AS TRACT 2 IN SAID DEED RECORDED IN INSTRUMENT No. 201100045332,

O.P.R.D.C.T.;

THENCE ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET AND THE SOUTH LINE OF SAID TRACT 1 AS FOLLOWS:

(1) NORTH 89°28'43" WEST, A DISTANCE OF 682.20 FEET TO A 1/2" IRON ROD FOUND WITH A CAP STAMPED "WEST 682" (LOOSE);

(2) NORTH 00°12'45" WEST, A DISTANCE OF 8.00 FEET TO A 1/2" IRON ROD SET WITH A CAP STAMPED "WIER & ASSOC INC", SAID IRON ROD BEING THE SOUTHEAST CORNER OF SAID LOT 1;

(3) NORTH 89°28'43" WEST, A DISTANCE OF 490.00 FEET TO THE PLACE OF BEGINNING AND CONTAINING 4.410 ACRES (192,097 SQUARE FEET) OF LAND, MORE OR LESS.

TRACT 2:

BEING A TRACT OF LAND LOCATED IN THE JAMES MCLAUGHLIN SURVEY, ABSTRACT NO. 845, DALLAS COUNTY, TEXAS, BEING ALL OF A TRACT OF LAND DESCRIBED AS TRACT 2 IN A DEED TO MPC DALLAS, LLC., RECORDED IN INSTRUMENT NO. 201100045332, OFFICIAL PUBLIC RECORDS, DALLAS COUNTY, TEXAS (O.P.R.D.C.T.), AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A PK NAIL WITH SHINER SET IN THE NORTH RIGHT-OF-WAY LINE OF HALIFAX STREET (A VARIABLE WIDTH RIGHT-OF-WAY), SAID NAIL BEING THE SOUTHEAST CORNER OF SAID TRACT 2 AND THE SOUTHWEST CORNER OF A TRACT OF LAND DESCRIBED IN A DEED TO HTV HOLDING COMPANY, LLC, RECORDED IN INSTRUMENT No. 200600312771, O.P.R.D.C.T.;

THENCE NORTH 89°28'43" WEST, ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET AND THE SOUTH LINE OF SAID TRACT 2, A DISTANCE OF 527.10 FEET (CALLED 527.8 FEET), TO A 1/2" IRON ROD SET WITH A CAP STAMPED "WIER & ASSOC INC", SAID IRON ROD BEING THE SOUTHWEST CORNER OF SAID TRACT 2, AND BEING IN THE EAST LINE OF A TRACT OF LAND DESCRIBED IN A DEED TO DALLAS AREA RAPID TRANSIT (DART) RECORDED IN VOLUME 99251, PAGE 3713, DEED RECORDS, DALLAS COUNTY TEXAS (D.R.D.C.T.);

THENCE ALONG THE WEST LINE OF SAID TRACT 2 AND AN EAST LINE OF SAID DART TRACT AS FOLLOWS:

(1) NORTH 00°37'13" WEST, DEPARTING THE NORTH RIGHT-OF-WAY LINE OF SAID HALIFAX STREET, A DISTANCE OF 78.49 FEET (CALLED 78.15 FEET), TO A 1/2" IRON ROD FOUND, BEING THE BEGINNING OF A CURVE TO THE LEFT;

(2) NORTHERLY, AN ARC DISTANCE OF 69.31 FEET (CALLED 71.16 FEET), ALONG SAID CURVE TO THE LEFT HAVING A RADIUS OF 296.40 FEET, A DELTA ANGLE OF 13°23'51" (CALLED 13°45'17"), AND A CHORD BEARING OF NORTH 07°19'08" WEST, 69.15 FEET TO A 1/2" IRON ROD SET WITH A CAP STAMPED "WIER & ASSOC INC",

(3) NORTH 00°37'13" WEST, A DISTANCE OF 19.03 FEET (CALLED 16.55 FEET), TO A 1" IRON ROD FOUND, SAID IRON ROD BEING THE NORTHWEST CORNER OF SAID TRACT 2 AND

BEING AN ELL CORNER OF SAID DART TRACT;

THENCE SOUTH 89°28'43" EAST, ALONG THE NORTH LINE OF SAID TRACT 2 AND THE SOUTH LINE OF SAID DALLAS AREA RAPID TRANSIT TRACT, A DISTANCE OF 535.16 FEET (CALLED 536.3 FEET) TO A POINT, SAID POINT BEING THE NORTHEAST CORNER OF SAID TRACT 2 AND THE NORTHWEST CORNER OF SAID HTV HOLDING TRACT;

THENCE SOUTH 00°37'13" EAST, ALONG THE EAST LINE OF SAID TRACT 2 AND THE WEST LINE OF SAID HTV HOLDING TRACT, A DISTANCE OF 166.03 FEET TO THE PLACE OF BEGINNING AN CONTAINING 2.016 ACRES (87,834 SQUARE FEET) OF LAND, MORE OR LESS.

Exhibit "B"

**Permitted Exceptions**

1. Taxes for the year 2015 and subsequent years, a lien not yet due and payable.

2. Lease dated March 13, 2012, by and between Duval Semi Trailers, Inc., as tenant, and ROMCO Equipment Co., LLC, as landlord, as assigned by ROMCO Equipment Co. to MPC Dallas, LLC, as the same may have been amended.

3. Encroachment/protrusion of fences, as shown on Survey prepared by Aaron L. Stringfellow, R.P.L.S. No. 6373, dated March 10, 2015, last revised April 10, 2015 (the "Survey"). (Tracts 1 and 2)

4. Overhead electric line and poles without benefit of an easement, as shown on Survey. (Tract 1)

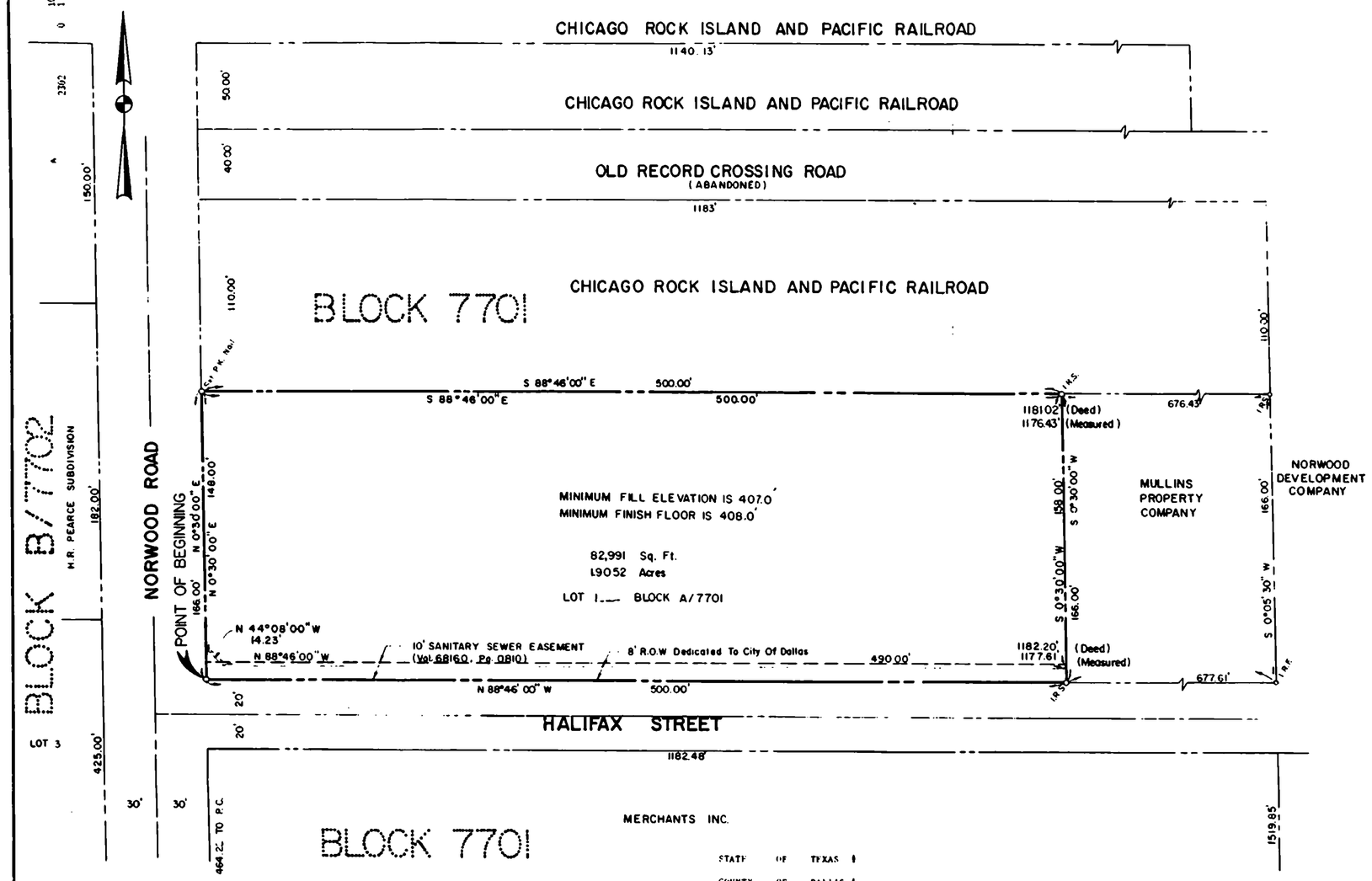
5. 10 foot sanitary sewer easement as recorded in Volume 68160, Page 810, Deed Records, Dallas County, Texas. (Tract 1)

6. Railroad spur track easement as referenced under Clerk's File No. 201100045332, Official Public Records, Dallas County, Texas. (Tract 2)

**Filed and Recorded**
**Official Public Records**
**John F. Warren, County Clerk**
**Dallas County, TEXAS**
**05/15/2015 03:21:15 PM**
**$54.00**
**201500125351**



35124 2808
35124 2809
35124 2810
35124 2811




STATE OF TEXAS §

COUNTY OF DALLAS §

WHEREAS as MULLINS PROPERTY COMPANY is the sole owner of that tract of land conveyed by Merchants [illegible], as recorded in Volume R4006, Page 3934, and also being in City of Dallas Block 7701, and being more particularly described as follows:

BEGINNING at an iron rod found at the intersection of the north right-of-way line of Halifax Street (40 feet wide); and the east right-of-way line of Norwood Road (60 feet wide);

THENCE North 0°30' East, along the east line of Norwood Road, a distance of 166.0 feet to a p.k. nail set for the northwest corner, said corner being on the south line of a tract conveyed to the Chicago, Rock Island, and Pacific Railroad as recorded in Volume 4453, Page 115 Deed Records Dallas County Texas;

THENCE South 88°46' East, along said south line, a distance of 500.0 feet to an iron rod set for the northeast corner;

THENCE South 09°30' West, departing said south line, a distance of 166.0 feet to an iron rod set in the north right-of-way line of Halifax Street;

THENCE North 88°46' West, along the said north line to the POINT OF BEGINNING AND CONTAINING 82,991 square feet or 1.9052 acres of land more or less.

NOW THEREFORE, KNOW ALL MEN BY THESE PRESENTS.

THAT I, Robert O. Mullins, Managing Partner of Mullins Property Company, do hereby adopt this plat, designating the herein above described property as Mullins Property Company Addition, an addition to the City of Dallas, Texas and do hereby dedicate, in fee simple, to the public use forever the streets and alleys shown thereon. The easements shown thereon are hereby reserved for the purposes indicated. The utility and fire lane easements shall be open to the public, fire and police units, garbage and rubbish collection agencies, and all public and private utilities for each particular use. The maintenance of paving on the utility and fire lane easements is the responsibility of the property owner. No buildings, fences, trees, shrubs or other improvements or growths shall be constructed, reconstructed or placed upon, over or across the easements as shown. Said easements being hereby reserved for the mutual use and accomodation of all public utilities using or desiring to use same. All, and any public utility shall have the right to remove and keep removed all or parts of any buildings, fences, trees, shrubs or other improvements or growths which in any way may endanger or interfere with the construction, maintenance or efficiency of its respective system on the easements and all public utilities shall at all times have the full right of ingress and egress to or from and upon the said easements for the purpose of constructing, reconstructing, inspecting, patrolling, maintaining and adding to or removing all or parts of its respective systems without the necessity at any time of procuring the permission of anyone. (Any public utility shall have the right of ingress and egress to private property for the purpose of reading meters and any maintenance or service required or ordinarily performed by that utility.)

Water main and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water services and sewer services from the main to the curb or pavement line, and description of such additional easements herein granted shall be determined by their location as installed.

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Dallas, Texas. Sidewalks shall be constructed by the builder as required by City Council Resolution NO. 67-1038 and in accordance with the requirements of the Director of Public Works.

WITNESS, my hand at Dallas, Texas, this the 29TH day of MAY, 1985.

By: Mullins Property Company

Robert O. Mullins, Managing Partner

STATE OF TEXAS §

COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, a Notary Public in and for Dallas County, Texas, on this day personally appeared Robert O. Mullins, Managing Partner of Mullins Property Company, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 29th day of May, 1985.

NOTARY PUBLIC STATE OF TEXAS

Leonard D. Hamilton
Notary Public, Dallas County, Texas

SURVEYOR'S CERTIFICATE

This is to certify that I, Raul Wong, Jr., a Registered Public Surveyor of the State of Texas, have platted the above subdivision from an actual survey on the ground; and that all lot corners, angle points, and points of curve shall be properly marked on the ground, and that this plat correctly represents that survey made by me, or under my supervision.

STATE OF TEXAS RAUL WONG, JR. 2958 REGISTERED PUBLIC SURVEYOR

Raul Wong, Jr. May 29, 1985
RAUL WONG, JR.
REGISTERED PUBLIC SURVEYOR
TEXAS
No. 2958

STATE OF TEXAS §

COUNTY OF DALLAS §

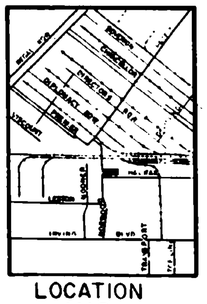
BEFORE ME, the undersigned authority, on this day personally appeared RAUL WONG, JR., known to me to be the person whose name is subscribed to the above and foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 29 day of May, 1985.

NOTARY PUBLIC STATE OF TEXAS

LISA MARTIN, Notary Public
In and for the State of Texas
My commission expires 1-16-88

Lisa Martin
Notary Public, Dallas County, Texas




CITY PLAN FILE NO. S-845-184

# FINAL PLAT

OF

## MULLINS PROPERTY COMPANY ADDITION

A PLAT, OF PART OF BLOCK 7701

IN THE

JAMES McLAUGHLIN SURVEY ABSTRACT NO. 845

CITY OF DALLAS, DALLAS COUNTY, TEXAS

FOR

## MULLINS PROPERTY COMPANY

BY Returned

ALBERT H HALFF ASSOCIATES, INC. ENGINEERS

SCALE 1"=40' AVO 7865 OCT. 1984

8616 Northwest Plaza
Dallas, Tx.

35124 2812
35124 2813
35124 2814
35124 2815

STATE OF TEXAS COUNTY OF DALLAS

I hereby certify that this instrument was filed on the date and time stamped hereon by me and was duly recorded in the volume and page of the named records of Dallas County, Texas as stamped hereon by me.

JUN 25 1985

Ed Bellinh
COUNTY CLERK, Dallas County, Texas

CERTIFICATE OF APPROVAL

I, **DON V. AVERITT**

Chairman of the City Plan Commission of the City of Dallas, State of Texas, hereby certify that the attached plat was duly filed for approval with the City Plan Commission of the City of Dallas on the 7th day of November, A.D. 1984 and same was duly approved on the 20th day of June A.D. 1985 by said Commission.

Chairman
City Plan Commission
Dallas, Texas

Attest:

Secretary

85124 2016

85 JUN 25 AM 11:21

COUNTY CLERK'S COPY

S-845-184

8512 2808

8512

CHICAGO ROCK

114(

CHICAGO ROCK

OLD RECOR

CHICAGO ROCI

BLOCK 770

BLOCK 770

S 88°46'00" E 500.00

S 88°46'00" E

S 88°46'00"E

50.00'

40.00'

110.00'

150.00'

250(

182.00'

425.00'

LOT 3

BLOCK 8/770

H.R. PEARCE SUBDIVISION

NORWOOD ROAD

POINT OF BEGINNING

166.00'

N 0°30'00" E 148.00'

N 0°30'00" E

MINIMUM FILL ELEVA

MINIMUM FINISH FLOC

82,991 Sq. Ft.

1.9052 Acres

LOT 1 BLOCK A

N 44°08'00" W

14.23'

N 88°46'00" W

10' SANITARY SEWER EASEMENT

(Vol. 6816Q, Pg. 0810)

8' R.O.W De

N 88°46' 00" W 500.0C

°08'00"W

.23'

38°46'00"W

10' SANITARY SEWE

(Vol. 6816Q, Pg. 081

N 88°46

20'

20'

HALIFAX STR

118(

30'

30'

464.22 TO P.C.

MERCHAN

BLOCK 770

BLOCK 770

BLOCK 770

BLOCK 770

CHICAGO ROCK ISLAND AND PACIFIC RAILR

1140.13'

CHICAGO ROCK ISLAND AND PACIFIC RAILROA

OLD RECORD CROSSING ROAD
(ABANDONED)

1183'

CHICAGO ROCK ISLAND AND PACIFIC RAIL

BLOCK 7701

S 88°46'00" E 500.00'

S 88°46'00"E 500.00'

MINIMUM FILL ELEVATION IS 407.0'
MINIMUM FINISH FLOOR IS 408.0'

82,991 Sq. Ft
1.9052 Acres

LOT 1 BLOCK A/7701

°08'00"W
23'

10' SANITARY SEWER EASEMENT
(Vol 68160, Pg 0810)

8' R O W Dedicated To City Of Dallas

38°46'00" W 490.00'

N 88°46' 00" W 500 00'

HALIFAX STREET

1182 48'

BLOCK 7701

MERCHANTS INC

STATE OF TEXAS

COUNTY OF DALLAS

ND PACIFIC RAILROAD

D PACIFIC RAILROAD

; ROAD

AND PACIFIC RAILROAD

1181 02' (Deed)
1176 43' (Measured)

676 43'

1160 30'

MULLINS
PROPERTY
COMPANY

NORWOOD
DEVELOPMENT
COMPANY

S 0° 30' 00" W
158 00'

S 0° 30' 00" W
166 00'

1182 20' (Deed)
1177 61' (Measured)

490 00

166 00'

S 0° 05' 30" W

677 01'

1519 85'

TEXAS
DALLAS

STATE OF TEXAS §

COUNTY OF DALLAS §

WHEREAS as MULLINS PROPERTY COMPANY is the sole owner of that tract of land conveyed by Merchants Inc., as recorded in Volume 84006, Page 3934, and also being in City of Dallas Block 7701, and being more particularly described as follows:

BEGINNING at an iron rod found at the intersection of the north right-of-wayu line of Halifax Street (40 feet wide), and the east right-of-way line of Norwood Road (60 feet wide);

THENCE North 0°30' East, along the east line of Norwood Road, a distance of 166.0 feet to a p.k. nail set for the northwest corner, said corner being on the south line of a tract conveyed to the Chicago, Rock Island, and Pacific Railroad as recorded in Volume 4413, Page 115 Deed Records Dallas County Texas;

THENCE South 88°46' East, along said south line, a distance of 501.0 feet to an iron rod set for the northeast corner;

THENCE South 09°30' West, departing said south line, a distance of 165.0 feet to an iron rod set in the north right-of-way line of Halifax Street,

THENCE North 88°46' West, along the said north line to the POINT OF BEGINNING AND CONTAINING 82,991 square feet or 1.9052 acres of land more or less.

NOW THEREFORE, KNOW ALL MEN BY THESE PRESENTS

THAT I, Robert O. Mullins, Managing Partner of Mullins Property Company, do hereby adopt this plat, designating the herein above described property as Mullins Property Company Addition, an addition to the City of Dallas, Texas and do hereby dedicate, in fee simple, to the public forever the streets and alleys shown thereon. The easements shown thereon are hereby reserved for the purposes indicated. The utility and fire lane easements shall be open to the public, fire and police units, garbage and refuse collection agencies, and all public and private utilities for their particular use. The maintenance of paving on the utility and fire lane easements is the responsibility of the property owner. No buildings, fences, trees, shrubs or other improvements or growths shall be constructed, reconstructed or placed upon, over or across the easements as shown. Said easements being hereby reserved for the mutual use and accommodation of all public utilities using or desiring to use same. All, and any public utility shall have the right to remove and keep removed all or parts of any buildings, fences, trees, shrubs or other improvements or growths which may in any way endanger or interfere with the construction, maintenance or efficiency of its respective system on the easements and all public utilities shall at all times have the full right of ingress or egress to or from and upon the said easements for the purpose of construction, reconstruction, inspection, patrolling, maintaining, and adding to or removing all or parts of its respective system without the necessity at any time of procuring the permission of anyone. All public utilities shall have the right of ingress and egress to, from and upon the said easements for the purpose of reading meters and caring for and maintaining any and all equipment pertaining to their respective systems.

RWOOD
OPMENT
IPANY

Water main and sanitary sewer easements shall extend for an additional area of work space for construction and installation of the systems. Additional easement area is also reserved for installation of manholes, valves, cleanouts, fire hydrants, water services and sewer services at the point of the curb or pavement line, and restriction of buildings, additional easements hereby granted shall be determined by their location as installed.

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Dallas, Texas. Sidewalks shall be constructed by the builder as required by City Council Resolution No. 65-1038 and in accordance with the requirements of the Director of Public Works.

WITNESS, my hand at Dallas, Texas, this the 29TH day of MAY, 1985.

30'

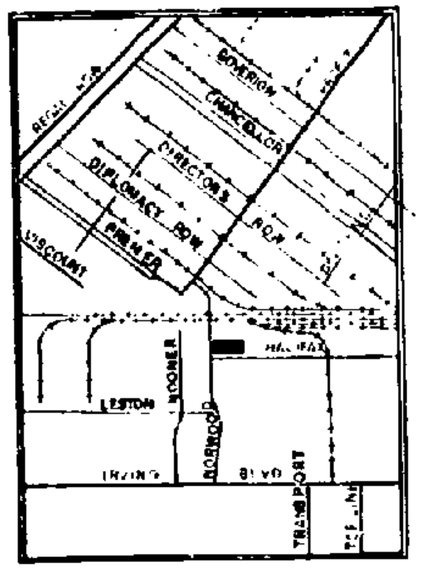
30'

464.22' TO P.C.

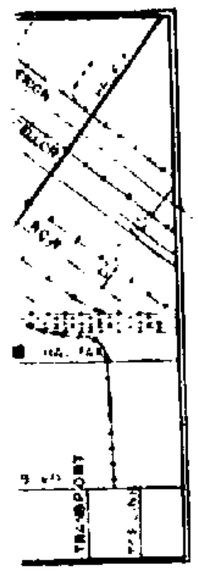
BLOCK 7701

MERCHAN

BLOCK 7701




LOCATION MAP




ON

TELEDYNE POST NJ-0565

35124 2812

STATE OF TEXAS §

COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, a Notary Public in and for Dallas County, Texas, on this day personally appeared Robert O. Mullins, Managing Partner of Mullins Property Company, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 29th day of May, 1985

NOTARY PUBLIC STATE OF TEXAS

Leonard D. Hamilton

Notary Public, Dallas County, Texas

SURVEYOR'S CERTIFICATE

This is to certify that I, Raul Wong, Jr., a Registered Public Surveyor of the State of Texas, have platted the above subdivision from an actual survey on the ground; and that all lot corners, angle points, and points of curve shall be properly marked on the ground, and that this plat correctly represents that survey made by me, or under my supervision.

STATE OF TEXAS REGISTERED PUBLIC SURVEYOR RAUL WONG, JR. 2958

Raul Wong, Jr. May 29, 1985

RAUL WONG, JR.
REGISTERED PUBLIC SURVEYOR
TEXAS
No. 2958

STATE OF TEXAS §

COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared RAUL WONG, JR., known to me to be the person whose name is subscribed to the above and foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 29 day of May, 1985.

NOTARY PUBLIC STATE OF TEXAS

LISA MARTIN, Notary Public
In and for the State of Texas
My commission expires 1-16-88

Lisa Martin

Notary Public, Dallas County, Texas

1519.85'

and resolutions of the City of Dallas, Texas
constructed by the builder as required by City
1038 and in accordance with the requirements of
Works.

WITNESS, my hand at Dallas, Texas, this t
May, 1985.

By: Mullins Property Company

Robert O. Mullins, Managing Partner

for Dallas
Managing
whose nam
e that he
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day of

ltor

unty, Texas

Surveyor of the
survey on the
curve shall be
presents that

May 29, 1985

VEYOR

ared RAUL WONG,
o the above and
e same for the
stated.

29 day of

County, Texas

CITY PLAN FILE NO. S-8

# FINAL PL

OF

# MULLINS PROPERTY COMP

## A PLAT, OF PART OF BL

IN THE

JAMES McLAUGHLIN SURVEY A
CITY OF DALLAS, DALLAS

FOR

# MULLINS PROPERTY

BY

ALBERT H HALFF ASSOCIATES,
SCALE 1"=40' AV.O. 786

8616 Northwest
Dallas, Tx.

PLAN FILE NO. S-845-184

# FINAL PLAT

OF

# [redacted]PERTY COMPANY ADDITION

# [redacted], OF PART OF BLOCK 7701

IN THE

## [redacted]AUGHLIN SURVEY ABSTRACT NO. 845

## [redacted] DALLAS, DALLAS COUNTY, TEXAS

FOR

## [redacted] INS PROPERTY COMPANY

BY

Returned

HALFF ASSOCIATES, INC ENGINEERS

AVO 7865 OCT 1984

3616 Northwest Plaza
Dallas, Tx.

35124 2015

STATE OF TEXAS COUNTY OF DALLAS

I hereby certify that this instrument was filed on the date and time stamped hereon by me and was duly recorded in the volume and page of the named records of Dallas County, Texas as stamped hereon by me.

JUN 25 1985

Earl Bullock

COUNTY CLERK, Dallas County, Texas

35124 2846

## CERTIFICATE OF APPROVAL

I, **DON V. AVERITT**

Chairman of the City Plan Commission of the City of Dallas, State of Texas, hereby certify that the attached plat was duly filed for approval with the City Plan Commission of the City of Dallas on the 7th day of November A.D. 1984 and same was duly approved on the 13th day of June A.D. 1985 by said Commission.

Chairman
City Plan Commission
Dallas, Texas

Attest:

Secretary

85 JUN 25 AM 11:21

Filed
Earl Bullock
COUNTY CLERK
DALLAS COUNTY

COUNTY CLERK'S COPY

S-845-184

## Tract 7

4001 Halifax Street

Owner: BKT Enterprises, L.P.

and

## Tract 9

4153 Halifax Street

Owner: BKT Enterprises, L.P.

**Special Warranty Deed**

**NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.**

STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF DALLAS §

**SPECIAL WARRANTY DEED**
**(With Reservation of Noise & Vibration Easement)**

THAT, **DALLAS AREA RAPID TRANSIT**, located at 1401 Pacific Avenue, Dallas, Texas 75202, **and FORT WORTH TRANSPORTATION AUTHORITY d/b/a TRINITY METRO**, located at 801 Grove Street, Fort Worth Texas 76102, both Texas regional transportation authorities organized and existing pursuant to Chapter 452 of the Texas Transportation Code, who are joint owners and operators of the Trinity Railway Express (individually and collectively "Grantor"), for and in consideration of the sum of Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and subject to the terms, conditions, and reservations set forth below, do hereby GRANT, SELL AND CONVEY unto **BKT ENTERPRISES, L.P.**, a foreign limited partnership ("Grantee"), whose address is 420 Davega Road, Lexington, SC 29073, Grantor's right, title, and interest in and to the two tracts of real property (tract of 0.569 acres/24,806 square feet and tract of 0.815 acres/35,519 square feet) situated in Dallas County, Texas, more particularly described in Exhibit "A", attached hereto and made a part hereof for all purposes (collectively referred to herein as the "Property").

For the consideration referenced above and subject to the requirements, reservations and exceptions set out herein, Grantor binds Grantor and Grantor's successors and assigns to warrant and forever defend all and singular the Property to Grantee and Grantee's successors and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through, or under Grantor, but not otherwise.

The Property is conveyed by Grantor and accepted by Grantee on the condition that Grantee's use of the Property shall not adversely affect the ability of Grantor or Grantor's freight tenants, contractors, assigns, and successors to utilize its adjacent property for public transit or freight transportation purposes. This use restriction set out above shall run with the Property and be binding on Grantee's successors, assigns, and any other person acquiring any ownership or possessory interest in the Property, and may be enforced by Grantor and its successors or assigns.

**Reservation of Noise & Vibration Easement**

The Property is conveyed by Grantor and accepted by Grantee subject to a PERPETUAL NOISE AND VIBRATION EASEMENT, which is expressly reserved for Grantor and its successors and

assigns. Upon conveyance of the Property, Grantor shall retain a perpetual, non-exclusive easement for all noise and vibration resulting from public transit or freight transportation by Grantor or its tenant railroads, contractors, agents, operators, successors or assigns.

**Additional Terms, Limitations, and Conditions to Conveyance**

The Property is conveyed by Grantor and accepted by Grantee subject to the following:

1. All state, federal, and local laws, regulations, and ordinances affecting the Property;
2. Any requirements or necessary approvals by the City of Dallas, Federal Emergency Management Agency, Federal Railroad Administration (FRA), United States Corps of Engineers, the Dallas County Utility and Reclamation District, and any other regulatory body or governmental entity with jurisdiction over the Property;
3. All covenants, conditions, restrictions, reservations, easements, leases, oil and gas leases, mineral severances, licenses, or any other interests or encumbrances recorded in the Real Property Records of Dallas County, Texas, as of the date hereof; and
4. All of the mineral rights in and under the Property, which GRANTOR reserves for itself.

**THE PROPERTY IS CONVEYED "AS IS," "WHERE IS," AND WITH ALL FAULTS, WHETHER LATENT OR PATENT. GRANTEE HEREBY RELEASES, DISCHARGES, AND FOREVER ACQUITS GRANTOR AND ITS SUCCESSORS AND ASSIGNS FROM AND AGAINST ANY AND ALL LIABILITY AND DAMAGES INCURRED BY GRANTEE IN CONNECTION WITH THE PROPERTY, INCLUDING ITS CONDITION (INCLUDING WITHOUT LIMITATION QUALITY OF CONSTRUCTION, STATE OF REPAIR, WORKMANSHIP, MERCHANTABILITY, HABITABILITY, SUITABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE), ITS COMPLIANCE WITH ENVIRONMENTAL LAWS OR OTHER LAWS, AND THE PRESENCE ON OR BENEATH THE PROPERTY (OR ANY PARCEL IN PROXIMITY THERETO) OF HAZARDOUS SUBSTANCES, MATERIALS, CHEMICALS OR WASTES THAT ARE CATEGORIZED AS HAZARDOUS, TOXIC, OR OTHERWISE HARMFUL TO HUMAN HEALTH OR THE ENVIRONMENT UNDER ANY LOCAL, STATE OR FEDERAL LAW, STATUTE, ORDINANCE, RULE OR REGULATION.**

All rights, conditions, and benefits inuring to Grantor under this instrument are imposed and retained jointly and severally by the parties comprising Grantor and may be enforced by either or both of them and their respective successors or assigns.

EXECUTED and effective as of the 8 day of February, 2024.

**GRANTOR**
**DALLAS AREA RAPID TRANSIT**

Leticia Delgado

Leticia Delgado, RPA, FMA
Assistant Vice President, Real Estate

STATE OF TEXAS §
§
COUNTY OF DALLAS §

The foregoing instrument was acknowledged before me on the 8th day of February 2024, by Leticia Delgado, Assistant Vice President of Real Estate, Dallas Area Rapid Transit, on behalf of said Authority.

NICOLE PETTINGELL
Notary Public, State of Texas
Comm. Expires 12-02-2025
Notary ID 133471553

Notary Public, The State of Texas

Printed Name: Nicole Pettingell

My Commission Expires: 12-02-2025

**GRANTOR**
**FORT WORTH TRANSPORTATION AUTHORITY**
**d/b/a TRINITY METRO**

Reed Lanham

Reed Lanham
Vice President of Rail

STATE OF TEXAS §
§
COUNTY OF TARRANT §

The foregoing instrument was acknowledged before me on the 12th day of February 2024, by Reed Lanham, Acting Vice President of Rail, on behalf of Fort Worth Transportation Authority.

ROBERT MATTHEW LANCE
Notary ID - 12565405-0
My Commission Expires
June 23, 2026

Notary Public, The State of Texas

Printed Name: Robert Matthew Lance

My Commission Expires: June 23, 2026

CONCURRENCE OF GRANTEE TO PROVISIONS OF DEED, executed this 16th day of February, 2024.

BKT Enterprises, L.P.

Ryan Smigiel
Vice President of Real Estate

STATE OF TEXAS §
§
COUNTY OF Dallas §

The foregoing instrument was acknowledged before me on the 16 day of Feb 2024, by Ryan Smigiel, Vice President of Real Estate, on behalf of BKT Enterprises, L.P.

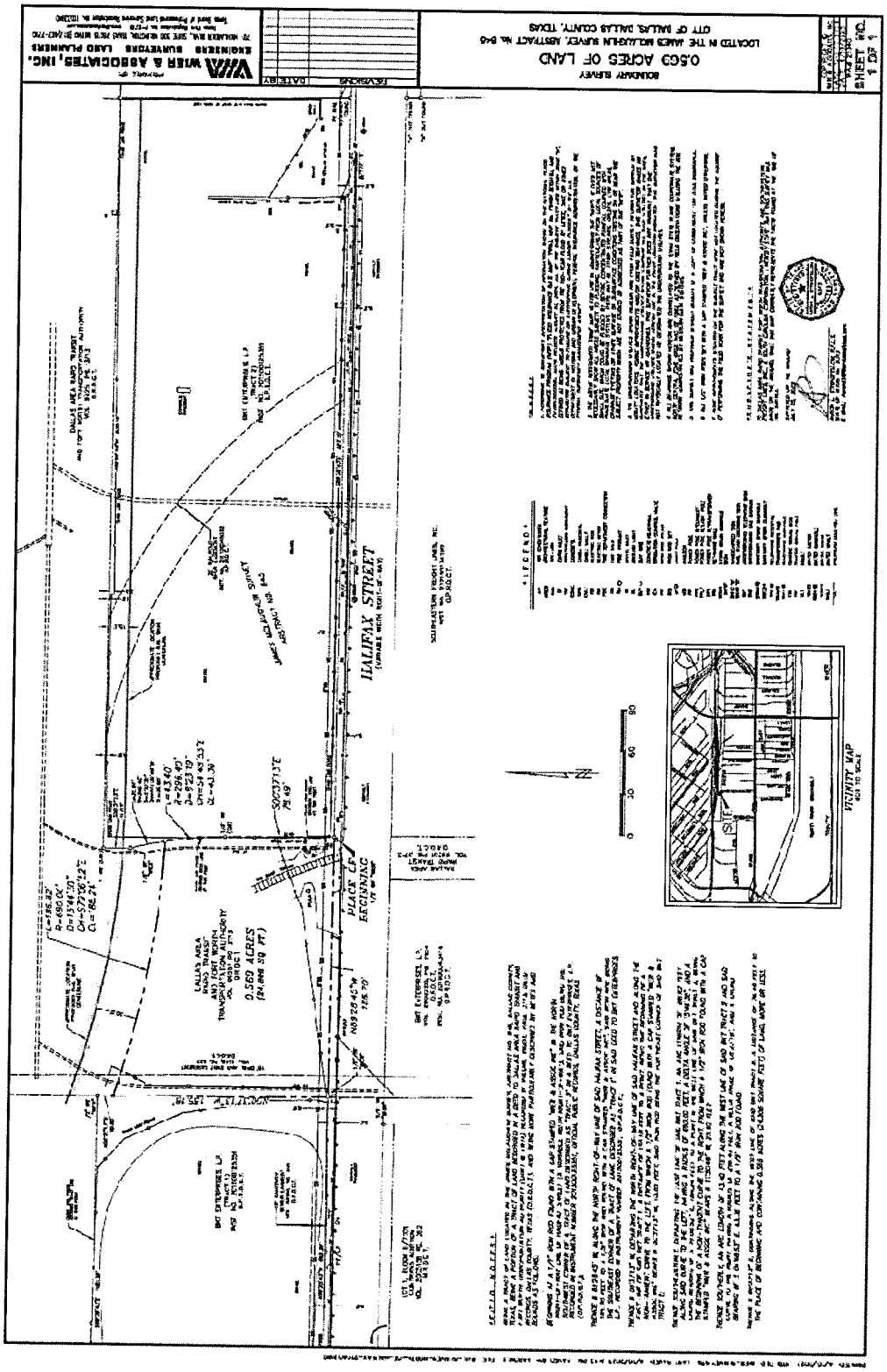
Notary Public, The State of Texas

Printed Name: Misty Riggs

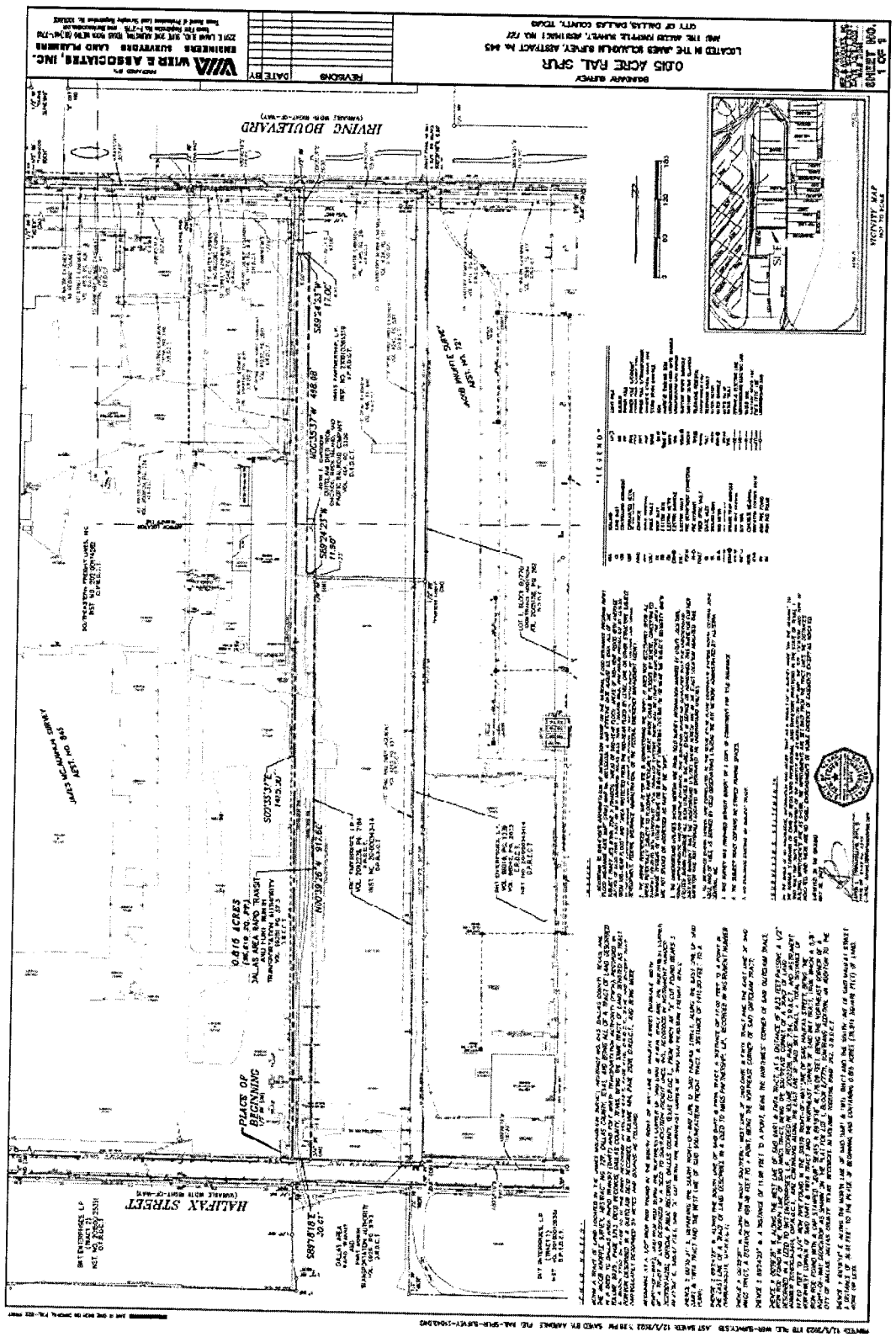
My Commission Expires: 8/09/2026

MISTY M RIGGS
NOTARY PUBLIC
STATE OF TEXAS
ID 11310565
EXP. 08/09/2026

# EXHIBIT A
## TRE Property



# EXHIBIT A
## (Continued)
## TRE Property


IRVING BOULEVARD
HALIFAX STREET
0.615 ACRES
DALLAS AREA RAPID TRANSIT
PLACE OF BEGINNING
S89°24'27"W 498.88'
S00°35'33"E 30.00'
S89°24'27"W 498.88'
N00°35'33"W 30.00'
S89°24'27"W 1198'
S00°35'33"E 30.00'
N00°35'33"W 30.00'
S89°24'27"W 498.88

*VG-364-2024-202400032946*

**Dallas County**
**John F. Warren**
**Dallas County Clerk**

**Instrument Number:** 202400032946

Real Property Recordings

Recorded On: February 16, 2024 02:25 PM

Number of Pages: 7

**" Examined and Charged as Follows: "**

Total Recording: $45.00

********** THIS PAGE IS PART OF THE INSTRUMENT **********
Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY because of color or race is invalid and unenforceable under federal law.

**File Information:**

| | |
|---|---|
| Document Number: | 202400032946 |
| Receipt Number: | 20240216000725 |
| Recorded Date/Time: | February 16, 2024 02:25 PM |
| User: | Kathleen M |
| Station: | Cc140 |

**Record and Return To:**

JOSE D GUTIERREZ
3816 SANTIAGO DR

PLANO TX 75023

**STATE OF TEXAS**
**Dallas County**
**I hereby certify that this Instrument was filed in the File Number sequence on the date/time printed hereon, and was duly recorded in the Official Records of Dallas County, Texas**

John F. Warren
Dallas County Clerk
Dallas County, TX

# Tract 8

4010 Halifax Street

Owner: Comtrans Investments Properties, L.L.C. (D.B.A BKT Enterprises, L.P.)

15

NAT GF#: 02010289/DJH:kmk

2084751

11/21/02 3574942 $15.00
Deed

# SPECIAL WARRANTY DEED

**STATE OF TEXAS** §
§ **KNOW ALL PERSONS BY THESE PRESENTS:**
**COUNTY OF DALLAS** §

That **FOLEY FAMILY TRUST** ("Grantor"), for and in consideration of the sum of Ten Dollars ($10.00) cash and other good and valuable consideration paid by **COM TRANS INVESTMENT PROPERTIES** ("Grantee"), whose mailing address is 420 Davega Road, Columbia, South Carolina 29073, the receipt of which is hereby acknowledged, HAS GRANTED, BARGAINED, SOLD and CONVEYED, and by these presents DOES GRANT, BARGAIN, SELL and CONVEY unto Grantee all that certain land situated in Dallas County, Texas, and more particularly described on **EXHIBIT "A"** which is attached hereto and incorporated herein by reference for all purposes, together with any improvements, rights, interests and appurtenances thereon or in any way appertaining thereto ("Property").

This conveyance is given and accepted subject only to those restrictions, reservations, covenants, conditions, rights-of-way and easements listed on **EXHIBIT "B"** attached hereto (herein called the "Permitted Encumbrances").

TO HAVE AND HOLD the Property unto Grantee, and Grantee's successors and assigns forever, together with all and singular the rights, interests and appurtenances thereunto belonging unto Grantor, and Grantor does hereby bind Grantor, and Grantor's successors and assigns to WARRANT and FOREVER DEFEND, all and singular the Property unto Grantee and Grantee's successors and assigns, against every person whosoever lawfully claiming or to claim the same or any part thereof, by, through, or under Grantor, but not otherwise, and further subject to the Permitted Encumbrances.

Ad valorem taxes for the year 2002 have been prorated between the parties, and Grantee hereby assumes payment for same.

EXECUTED to be effective as of the 20 day of November, 2002.

**GRANTOR:**

FOLEY FAMILY TRUST

By: Eileen Beard
Name: Eileen Beard
Title: TRUSTEE

By: Dan N. Foley Jr.
Name: Dan H. Foley, JR.
Title: TRUSTEE

By: Joan A. Burgee
Name: Joan A. Burgee
Title: TRUSTEE

552662_1

STATE OF TEXAS §
§
COUNTY OF Dallas §

This instrument was acknowledged before me on the 20 day of November, 2002, by _____ Eileen Beard TRUSTEE of Foley Family Trust.

Notary Public in and for the State of Texas

DOROTHY J. HAIGHT
Notary Public
State of Texas
Comm. Expires 4-14-2003

STATE OF TEXAS §
§
COUNTY OF Dallas §

This instrument was acknowledged before me on the 20 day of November, 2002, by _____ Dan H. Foley JR TRUSTEE of Foley Family Trust.

Notary Public in and for the State of Texas

DOROTHY J. HAIGHT
Notary Public
State of Texas
Comm. Expires 4-14-2003

STATE OF TEXAS §
§
COUNTY OF Dallas §

This instrument was acknowledged before me on the 20 day of November, 2002, by _____ Joan A. Dupree Trustee of Foley Family Trust.

Notary Public in and for the State of Texas

DOROTHY J. HAIGHT
Notary Public
State of Texas
Comm. Expires 4-14-2003

**After recording, return to:**

Michael C. Lowder
Kelly, Hart & Hallman, P.C.
201 Main Street, Suite 2500
Fort Worth, Texas 76102

AFTER RECORDING PLEASE RETURN
TO DOROTHY HAIGHT
NORTH AMERICAN TITLE COMPANY
500 N. AKARD, STE. 2900
DALLAS, TEXAS 75201

552662_1

## EXHIBIT "A" - PROPERTY DESCRIPTION

Being all of a tract of land out of the James McLaughlin Survey, Abstract No. 845, and the Jacob Knophle Survey, Abstract No. 727, City of Dallas Block 7701, Dallas County, Texas, and being all of a tract of land conveyed to Daniel H. Foley, Jr., Patrick Joseph Foley and Thomas Campion Foley, as trustee under the Foley Family Trust, as recorded in Volume 82197, Page 1356, Deed Records, Dallas County, Texas and being more particularly described by metes and bounds as follows:

BEGINNING at a 1/2 inch iron rod set for corner n the South right-of-way line Halifax Street (a 40 ft. right-of-way) at the Northwest corner of said Foley tract, said point being at the Northeast corner of a tract of land conveyed to Comtrans Investments Properties, L.L.C., as recorded in Volume 98042, Page 2033, Deed Records, Dallas County, Texas;

THENCE South 88 degrees 46 minutes East along the South line of said Halifax Street a distance of 156.39 feet to a 1 inch iron pipe found for corner;

THENCE South 00 degrees 05 minutes 30 seconds West along a West line of a reversion tract of land in instrument by John F. Carssow, as recorded in Volume 95054, Page 3598, Deed Records, Dallas County, Texas, a distance of 908.55 feet to a 1/2 inch iron rod set for corner;

THENCE North 88 degrees 46 minutes West along the North line of a tract of land conveyed to R. Carssow, Volume 99171, Page 5392, Deed Records, Dallas County, Texas, a distance of 156.39 feet to a 1 inch iron pipe found for corner;

THENCE North 00 degrees 05 minutes 30 seconds East along the East line of said Comtrans Investment Properties, L.L.C. tract, a distance of 908.55 feet to the PLACE OF BEGINNING and containing 3.26 acres of land, more or less.

## EXHIBIT "B"

## PERMITTED ENCUMBRANCES

1. Easement and Right of Way from John F. Carssow and Burrell McInerney to Dallas Power & Light Company and Southwestern Bell Telephone Company, dated April 1, 1955, filed April 19, 1955, recorded in Volume 4243, Page 537 of the Deed Records of Dallas County, Texas. Shown on survey prepared by Barry S. Rhodes, R.P.L.S. No. 3691, dated September 27, 2002.

2. Fence protrusions and the protrusion of an unidentified improvement, as shown on survey prepared by Barry S. Rhodes, R.P.L.S. No. 3691, dated September 27, 2002.

20072280718 8

FILED

2002 NOV 20 PM 4:23

EARL BULLOCK
COUNTY CLERK
DALLAS COUNTY

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.

STATE OF TEXAS COUNTY OF DALLAS

I hereby certify this instrument was filed on the date and time stamped hereon by me and was duly recorded in the volume and page of the named records of Dallas County, Texas as stamped hereon by me.

NOV 21 2002

Earl Bullock

COUNTY CLERK, Dallas County, Texas

MERGER

4+1

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Carlos H. Cascos
Secretary of State

# Office of the Secretary of State

12/08/2016 03:14:10 PM

201600343414
MERGER 1/5

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

COMTRANS INVESTMENT PROPERTIES, LLC
Filing Number: 703351422

Certificate of Merger

December 20, 2012

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on November 29, 2016.

Carlos H. Cascos
Secretary of State

FILED
In the Office of the
Secretary of State of Texas
DEC 20 2012
Corporations Section

# ARTICLES OF MERGER
# OF
# TEXAS LIMITED LIABILITY COMPANY
# AND
# SOUTH CAROLINA LIMITED PARTNERSHIP
# OF
# COMTRANS INVESTMENT PROPERTIES, LLC
# WITH AND INTO
# BKT ENTERPRISES, L.P.

Pursuant to Sections 33-42-2110 and 33-42-2120 of the South Carolina Uniform Limited Partnership Act, and Chapter 10 of the Texas Business Organizations Code, the undersigned South Carolina limited partnership and Texas limited liability company adopt the following articles of merger for the purpose of merging into a single entity:

1. The names of the undersigned entities and the states under the laws of which each is organized are:

| Name and Principal Place of Business of Entity | State of Organization, Type of Entity, and File Number | Date of Formation |
|---|---|---|
| BKT Enterprises, L.P.<br>420 DaVega Road<br>Lexington, SC 29073 | South Carolina<br>Limited Partnership<br>N/A | August 15, 1995 |

BKT Enterprises, L.P. is not qualified to transact business in Texas.

| | | |
|---|---|---|
| Comtrans Investment Properties, L.L.C.<br>420 DaVega Road<br>Lexington, SC 29073 | Texas<br>Limited Liability Company<br>File Number: 703351422 | January 27, 1998 |

Comtrans Investment Properties, LLC is not qualified to transact business in South Carolina.

2. The laws of the state under which each entity is organized permit such a merger.

3. The surviving entity is BKT Enterprises, L.P., and it is to be governed by the laws of the State of South Carolina. Comtrans Investment Properties, LLC will be merged with and into BKT Enterprises, L.P.

4. The manner of converting the outstanding ownership interests of the constituent entities into partnership interests or other interests in the surviving limited partnership shall be in accordance with the provisions of the Agreement and Plan of Merger dated as of December 17, 2012.

5. A signed plan of merger is on file at the principal place of business of the surviving limited partnership. On written request, a copy of the plan of merger will be furnished without cost by the surviving limited partnership to any owner or member of any party to the merger and to any creditor or obligee of the parties to the merger at the time of the merger if a liability or obligation is then outstanding. No amendments to the certificate of limited partnership of the surviving limited partnership are effected by the merger.

6. The Agreement and Plan of Merger was duly adopted and signed by the sole general partner of BKT Enterprises, L.P. and the sole member of Comtrans Investment Properties, LLC on December 17, 2012, by all action required by the laws of the states under which they are organized and their respective governing documents.

7. Attached hereto is a certificate from the Texas comptroller of public accounts that all taxes under title 2, Texas Tax Code, have been paid by the non-surviving filing entity.

8. These Articles of Merger shall be effective at 11:59 P.M. EST on December 31, 2012.

9. Each of the undersigned signs this document subject to the penalties imposed by law for the submission of a materially false or fraudulent instrument. Each of the undersigned certifies that the statements contained herein are true and correct, and that the person signing is authorized under the provisions of the Texas Business Organizations Code and the South Carolina Uniform Limited partnership Act, or other law applicable to and governing the merging entity, to execute the filing instrument.

DATE: December 17, 2012

COMTRANS INVESTMENT PROPERTIES, LLC

By: BKT ENTERPRISES, L.P.

By: K & T Properties, LLC

By: _____
W. Tobin Cassells, III
Manager/Member

BKT ENTERPRISES, L.P.

By: K & T Properties, LLC

By: _____
W. Tobin Cassells, III
Manager/Member

TEXAS COMPTROLLER *of* PUBLIC ACCOUNTS

P.O. Box 13528 • Austin, TX 78711-3528

December 17, 2012

COMTRANS INVESTMENT PROPERTIES, LLC
PO BOX 1691
COLUMBIA, SC 29202-1691

# CERTIFICATE OF ACCOUNT STATUS

THE STATE OF TEXAS
COUNTY OF TRAVIS

I, Susan Combs, Comptroller of Public Accounts of the State of Texas, DO HEREBY CERTIFY that according to the records of this office

COMTRANS INVESTMENT PROPERTIES, LLC

has filed all required reports for taxes administered by the Comptroller under Title 2, Tax Code, and taxes reported due on those reports have been paid. This certificate must be filed with the Texas Secretary of State to legally end the entity's existence in Texas. This certificate is valid through December 31, 2012.

GIVEN UNDER MY HAND AND
SEAL OF OFFICE in the City of
Austin, this 17th day of
December, 2012 A.D.

Susan Combs
Texas Comptroller

Taxpayer number: 15620730232
File number: 0703351422

NOTE: Failure by registered Texas entities to legally end existence with the Texas Secretary of State on or before the expiration of this certificate will result in additional franchise tax responsibilities. Texas entities not registered with the Texas Secretary of State and all out-of-state entities are responsible for franchise tax through the last date of business in this state.

Form 05-305 (Rev.12-07/16)

Filed and Recorded
Official Public Records
John F. Warren, County Clerk
Dallas County, TEXAS
12/08/2016 03:14:10 PM
$38.00



201600343414

# ITEM 4: FIGURES

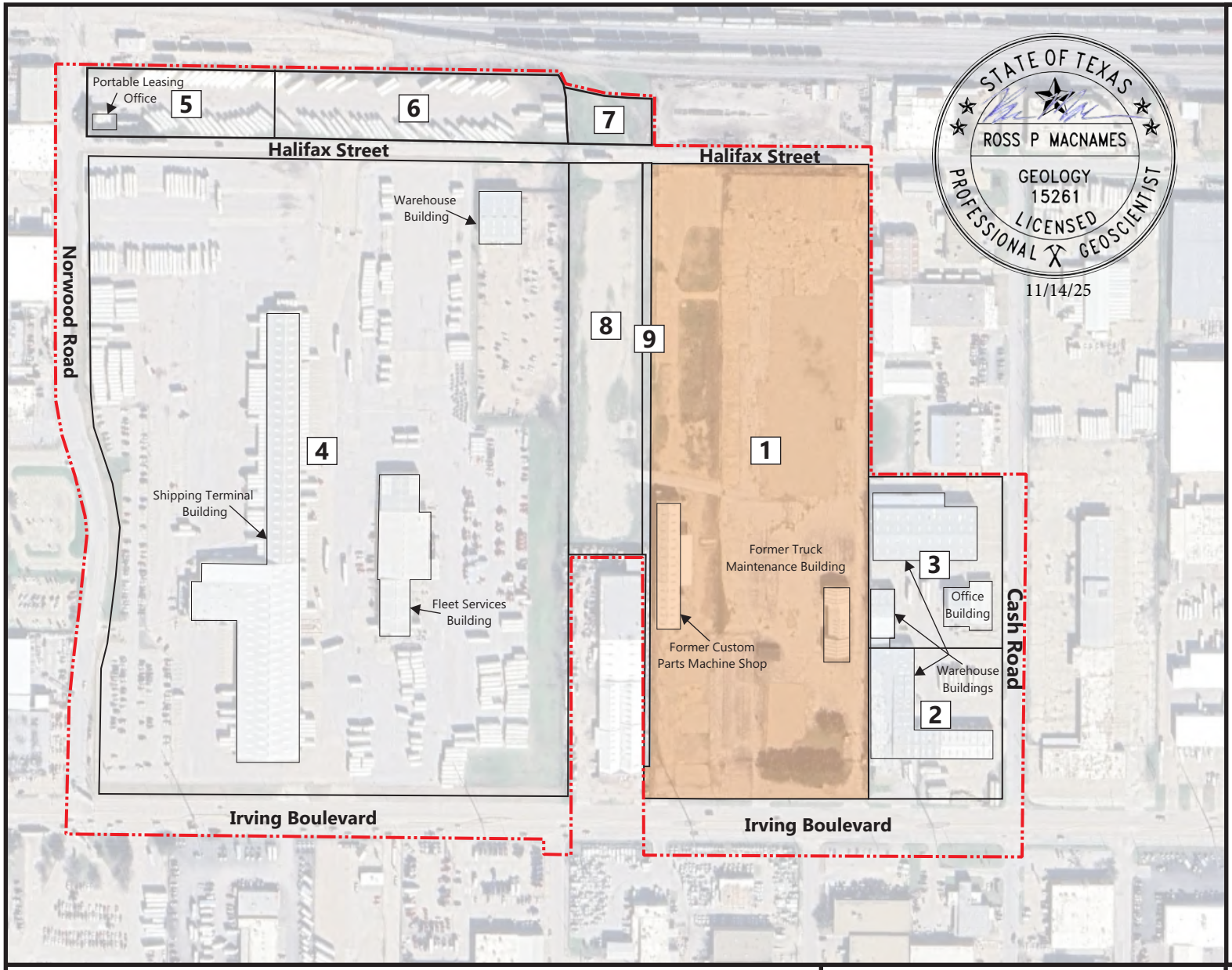
Figures included in this Item show relevant site information including location, topography, sampling locations, source areas, groundwater gradient, and zones of impacted groundwater above ingestion PCLs established by the TCEQ.

- Figure 1 – Designated Property Map
- Figure 2 – Topographic Map
- Figure 3 – Site Vicinity Map
- Figure 4 – Source/Sample Location Map (Anchor Property)
- Figure 5 – Groundwater PCLE Zone Map – Total Petroleum Hydrocarbons (TPH) C12-C28
- Figure 6 – Groundwater PCLE Zone Map – Total Petroleum Hydrocarbons (TPH) C28-C35
- Figure 7 – Groundwater Gradient Map (Anchor Property)

The PCLE zone maps are based on the most current analytical data and includes the residential ingestion and non-ingestion PCLs for each COC as well as groundwater flow direction.

# Item 4 Attachments

- Figure 1 – Designated Property Map
- Figure 2 – Topographic Map
- Figure 3 – Site Vicinity Map
- Figure 4 – Source/Sample Location Map (Anchor Property)
- Figure 5 – Groundwater PCLE Zone Map – Total Petroleum Hydrocarbons (TPH) C12-C28
- Figure 6 – Groundwater PCLE Zone Map – Total Petroleum Hydrocarbons (TPH) C28-C35
- Figure 7 – Groundwater Gradient Map (Anchor Property)




STATE OF TEXAS
ROSS P MACNAMES
GEOLOGY
15261
LICENSED
PROFESSIONAL GEOSCIENTIST

11/14/25

**Legend:**

= Designated Property Boundary

= VCP ID # 3185 Boundary

= Parcel Boundary

# = Tract ID

| Tract ID | Tract Address | Tract Regulatory IDs/Status |
|---|---|---|
| 1 *Anchor Property | 4001 Irving Blvd (aka 4003, 4007 Irving Blvd, 3920 and 3918 Halifax St.) | IHW: 30214 (closed) & 40269 (closed) LPST ID: 105330 (NFA) & 107494 (NFA) PST ID: 17217 (closed) VCP ID: 3185 (active) |
| 2 | 3919 Irving Blvd | IHW: 90760 (closed) & 37839 (closed) 75395 (active) LPST ID: 117034 (NFA) PST ID: 78284 (closed) MSW: 100028 (active) Used Oil: A86127 (active) |
| 3 | 5025 Cash Rd | |
| 4 | 4211 Irving Blvd | IHW: 36680 (closed) & 68811 (active) LPST ID: 112956 (NFA) PST ID: 113636 (closed) & 77668 (active) |
| 5 | 4221 Halifax St | |
| 6 | 4203 Halifax St | |
| 7 | 4001 Halifax St | |
| 8 | 4010 Halifax St | |
| 9 | 4153 Halifax St | |

Source: Google Earth Aerial

CONSOLIDATED CONSULTING GROUP

ENVIRONMENTAL, BUILDING & LAND SURVEY CONSULTING

WWW.CONSOLIDATEDCONSULTING.COM

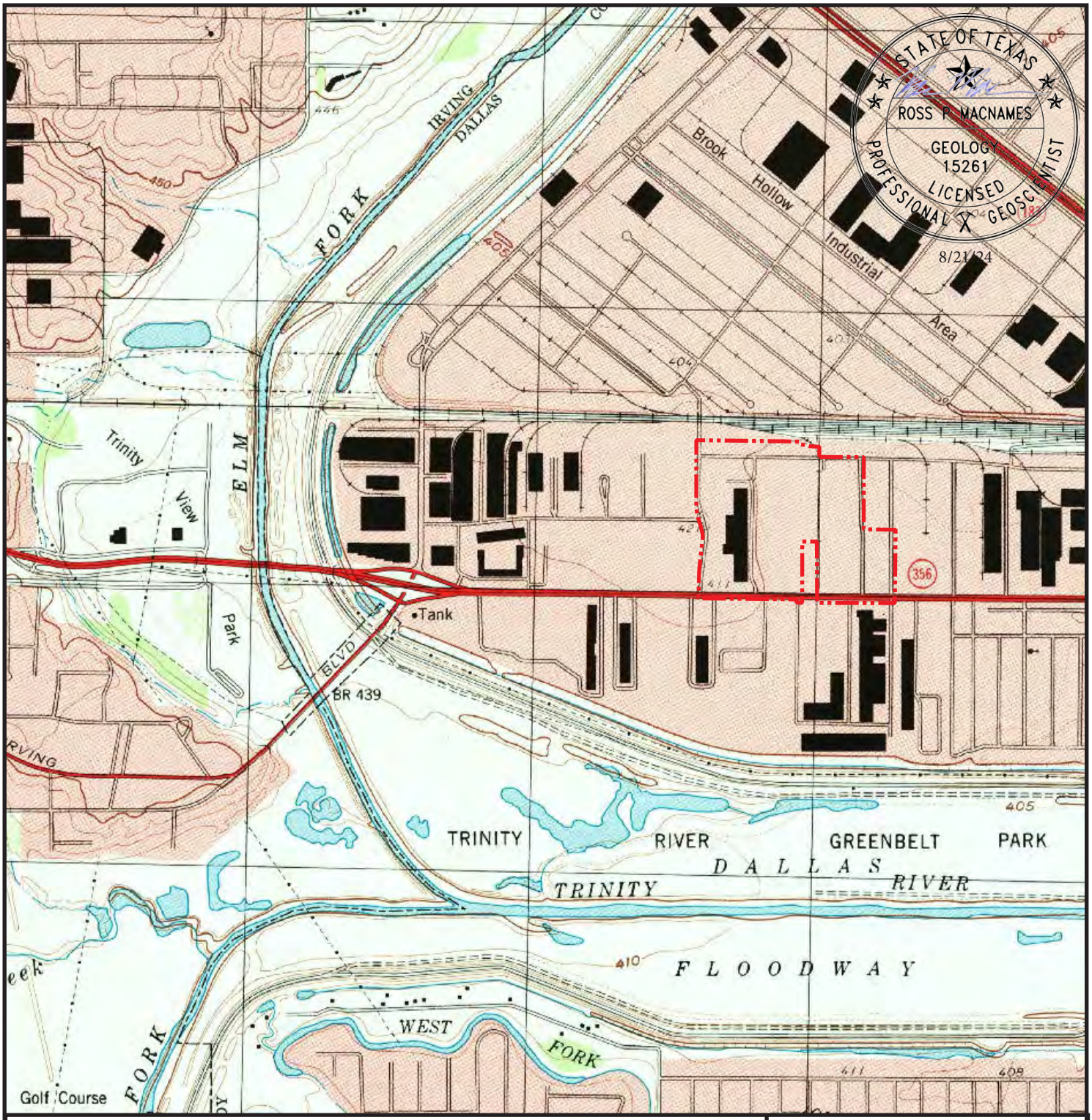
N

0’ 200’ 400’

SCALE: 1” = 400’

# FIGURE 1

## DESIGNATED PROPERTYMAP




**Legend:**

= Designated Property Boundary

Source: USGS Topographic Map, Irving Quadrangle (1995)

N

0’ 750’ 1500’

SCALE: 1” = 1,500’

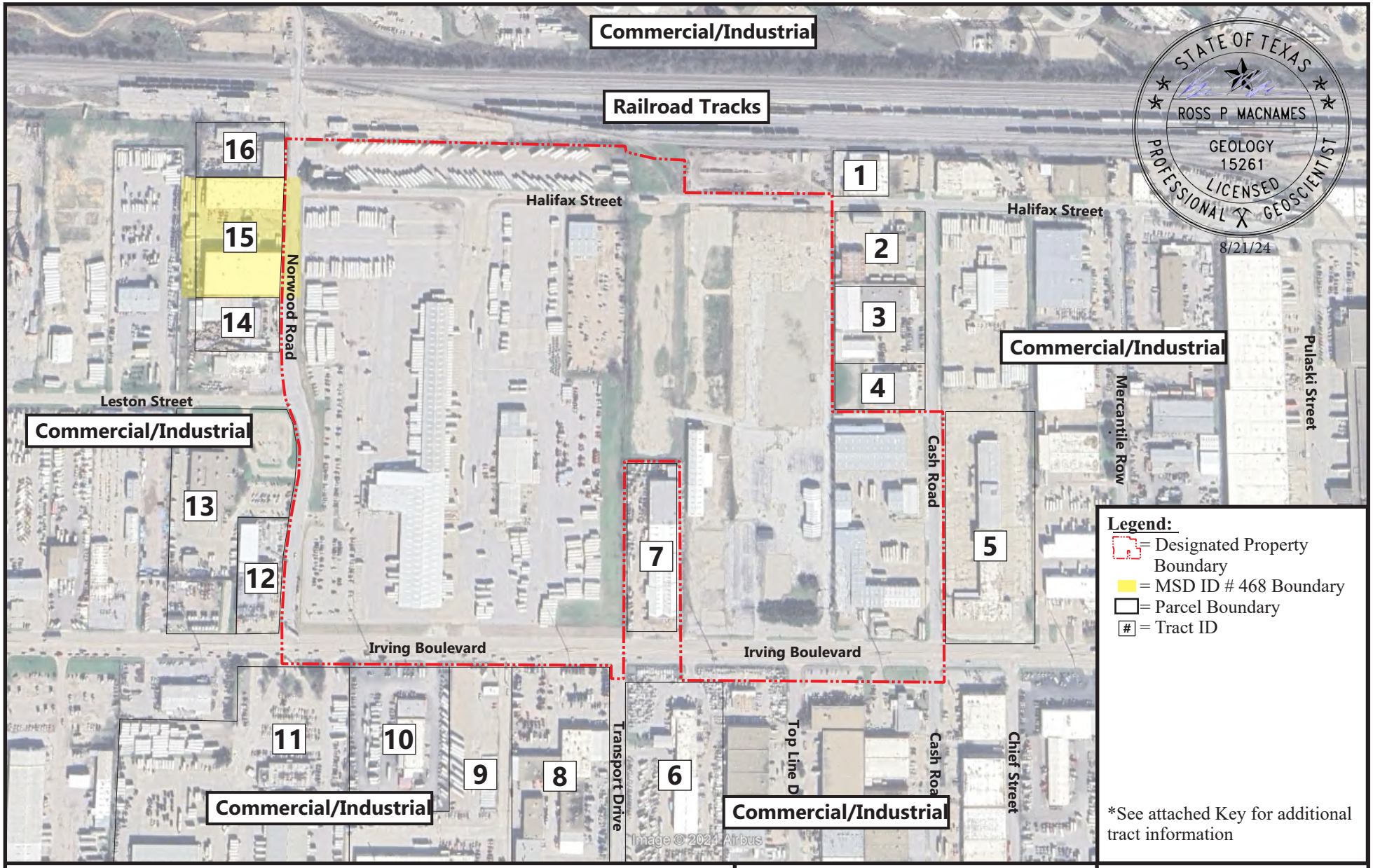
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# FIGURE 2

## TOPOGRAPHIC MAP




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**Legend:**

= Designated Property Boundary
= MSD ID # 468 Boundary
= Parcel Boundary
# = Tract ID

*See attached Key for additional tract information

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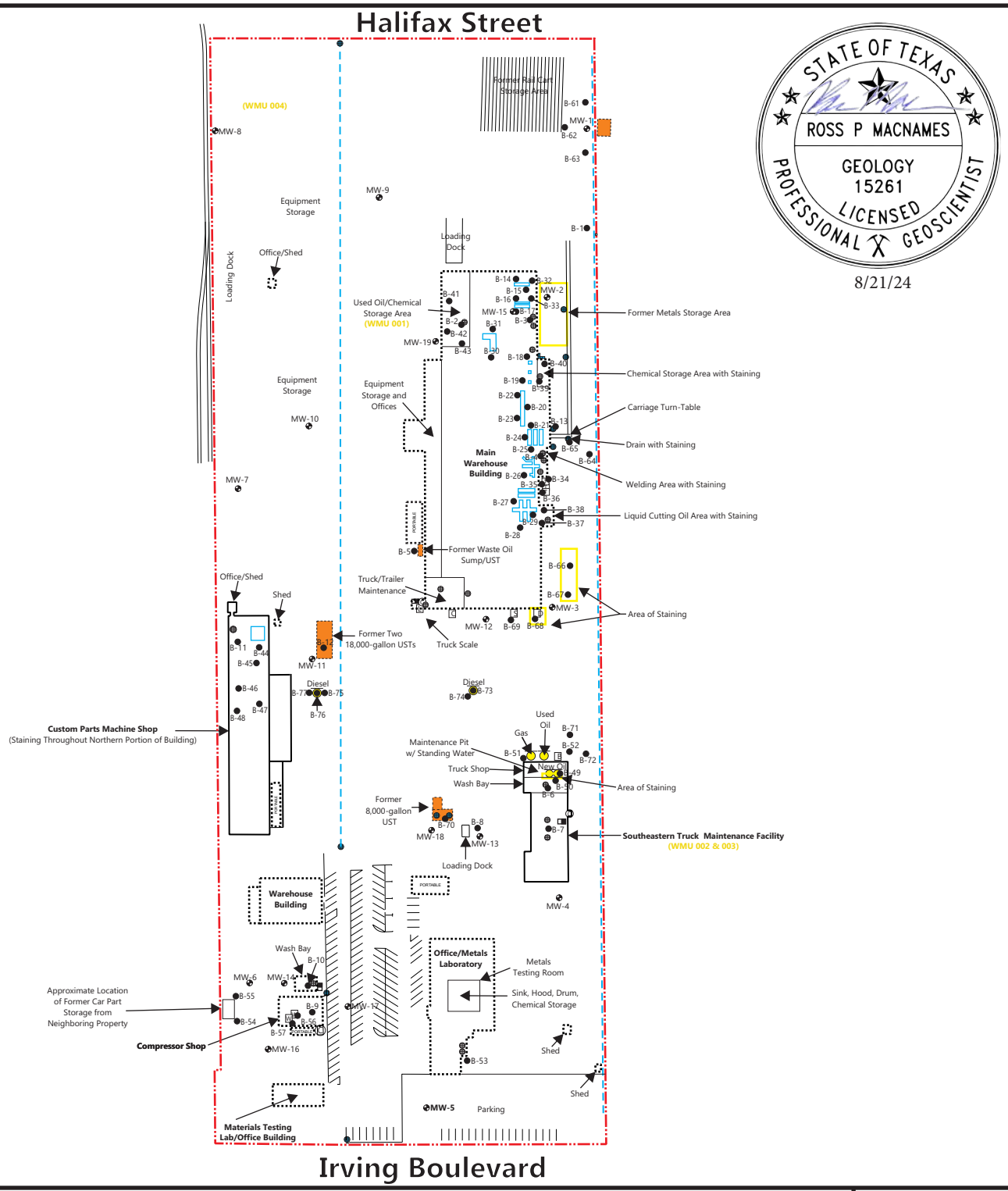
0’ 200’ 400’

SCALE: 1” = 400’

# FIGURE 3

## SITE VICINITY MAP

| Tract ID | Tract Address | Tract Regulatory IDs/Status |
|---|---|---|
| 1 | 3915 Halifax Street | PST Facility ID: 53530 (closed) |
| 2 | 5131 Cash Road<br>3909 Halifax Street<br>3900 Halifax Street | PST Facility ID: 23935 (closed) & 23936 (closed)<br>IHW: 81631 (closed) |
| 3 | 5131 Cash Road | PST Facility ID: 37319 (closed)<br>IHW: 80500 (closed) |
| 4 | 5215 Cash Road | PST Facility ID: 59410 (closed)<br>LPST ID: 103426 (NFA) |
| 5 | 3817 Irving Boulevard | PST Facility ID: 31593 (closed)<br>LPST ID: 97333 (NFA) |
| 6 | 4000 Irving Boulevard | PST Facility: 57420 (closed)<br>LPST ID: 96736 (NFA)<br>IHW: 67530 (closed) |
| 7 | 4011 Irving Boulevard | IHW: 78318 (closed) |
| 8 | 4040 Irving Boulevard | PST Facility: 20980 (closed)<br>LPST ID: 109853 (NFA)<br>IHW: 75518 (closed) |
| 9 | 4132 Irving Boulevard | PST Facility: 36903 (closed)<br>LPST ID: 113611 (NFA)<br>IHW: 37419 (closed) |
| 10 | 4200 Irving Boulevard | IHW: 69486 (closed) |
| 11 | 4242 Irving Boulevard | PST Facility: 22942 (active)<br>LPST ID: 92246 (NFA) & 109920 (NFA)<br>IHW: 39618 (merged) & 76570 (active) |
| 12 | 4303 Irving Boulevard | IHW: 84036 (closed) |
| 13 | 5055 Norwood Road | PST Facility: 45069 (closed) |
| 14 | 5117 Norwood Road | PST Facility ID: 25876 (closed)<br>LPST ID: 110062 (NFA)<br>IHW: 30398 (closed) |
| 15 | 5151 Norwood Road | MSD ID: 468 (closed)<br>VCP ID: 2982 (active)<br>IHW: 23383 (closed) |
| 16 | 5225 Norwood Road | PST Facility ID: 31427 (closed) |




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**Legend:**

- Soil Boring
- Monitor Well
- Former AST Location
- Oil/Water Separator (Above Ground)
- Lift Station
- Compressor
- Building has been removed
- Parts Washing Sink
- Former Empty Barrel Storage
- Sump/Suspected Sump
- Drain/Sump/Floor Drain
- Stormwater Drain
- Co2 Tank Storage
- Two 55-gallon Drums (Staining)
- Rail Spur
- VCP 3185 Boundary
- Former Tankhold
- Former Equipment Trenches (Concrete Lined)
- Pad-Mounted Transformer
- Stormwater Drainage Swale

N

0' to 80'

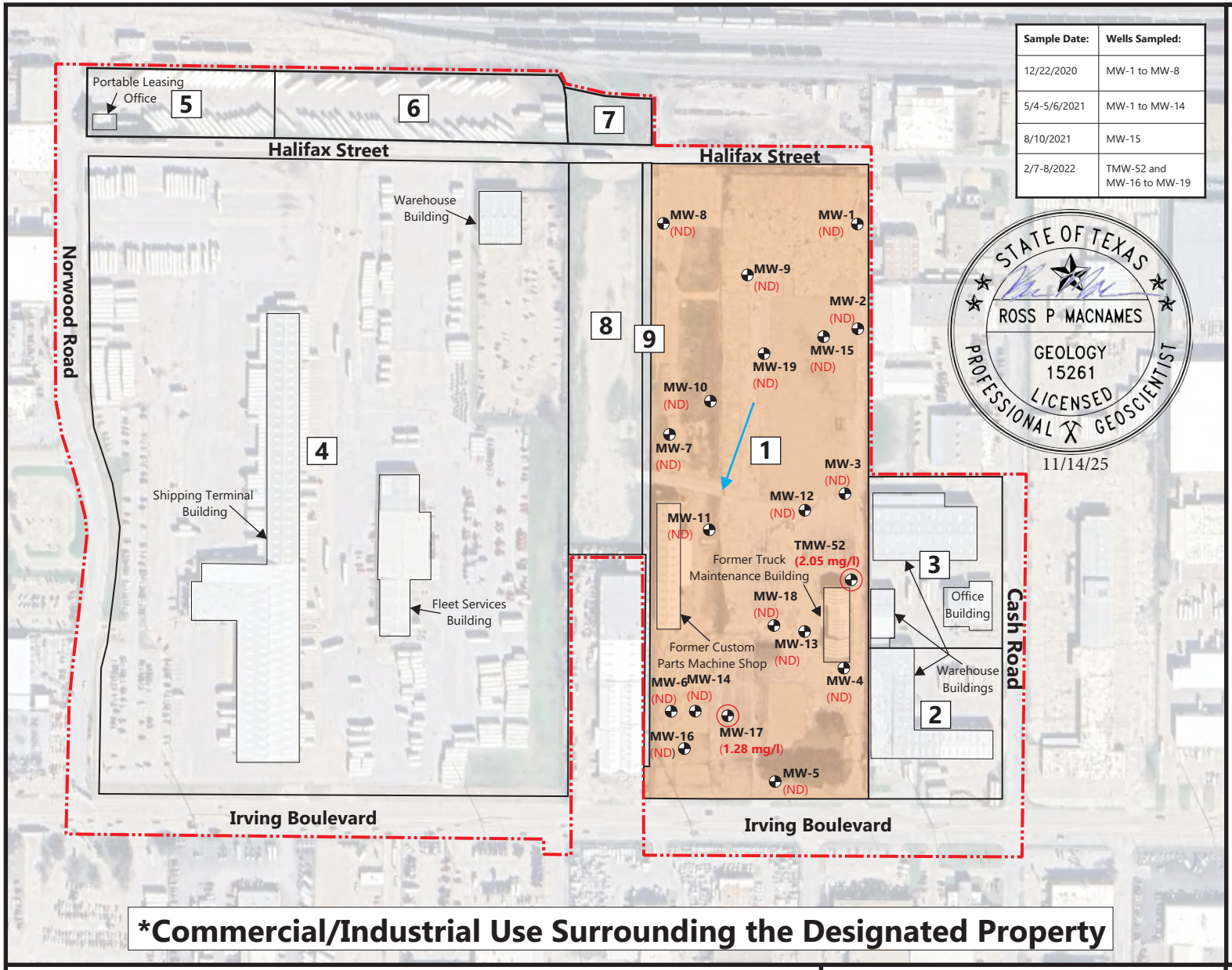
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# FIGURE 4

## SOURCE/SAMPLE LOCATION MAP (ANCHOR PROPERTY)




| Sample Date: | Wells Sampled: |
|---|---|
| 12/22/2020 | MW-1 to MW-8 |
| 5/4-5/6/2021 | MW-1 to MW-14 |
| 8/10/2021 | MW-15 |
| 2/7-8/2022 | TMW-52 and MW-16 to MW-19 |

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**Legend:**

- = Designated Property Boundary
- = VCP ID # 3185 Boundary
- = Parcel Boundary
- # = Tract ID
- = Groundwater Monitor Well
- = Groundwater Direction
- = Isoconcentration Contour
- ND = Not detected
- 2.05 mg/l = TPH C12-C28 concentration

-Ingestion PCL: **0.98** mg/l
-Non-Ingestion PCL: **7,500** mg/l
-mg/l = milligrams per Liter

| Tract ID | Tract Address | Tract Regulatory IDs/Status |
|---|---|---|
| 1 *Anchor Property | 4001 Irving Blvd (aka 4003, 4007 Irving Blvd, 3920 and 3918 Halifax St.) | IHW: 30214 (closed) & 40269 (closed) LPST ID: 105330 (NFA) & 107494 (NFA) PST ID: 17217 (closed) VCP ID: 3185 (active) |
| 2 | 3919 Irving Blvd | IHW: 90760 (closed) & 37839 (closed) 75395 (active) LPST ID: 117034 (NFA) PST ID: 78284 (closed) MSW: 100028 (active) Used Oil: A86127 (active) |
| 3 | 5025 Cash Rd | |
| 4 | 4211 Irving Blvd | IHW: 36680 (closed) & 68811 (active) LPST ID: 112956 (NFA) PST ID: 113636 (closed) & 77668 (active) |
| 5 | 4221 Halifax St | |
| 6 | 4203 Halifax St | |
| 7 | 4001 Halifax St | |
| 8 | 4010 Halifax St | |
| 9 | 4153 Halifax St | |

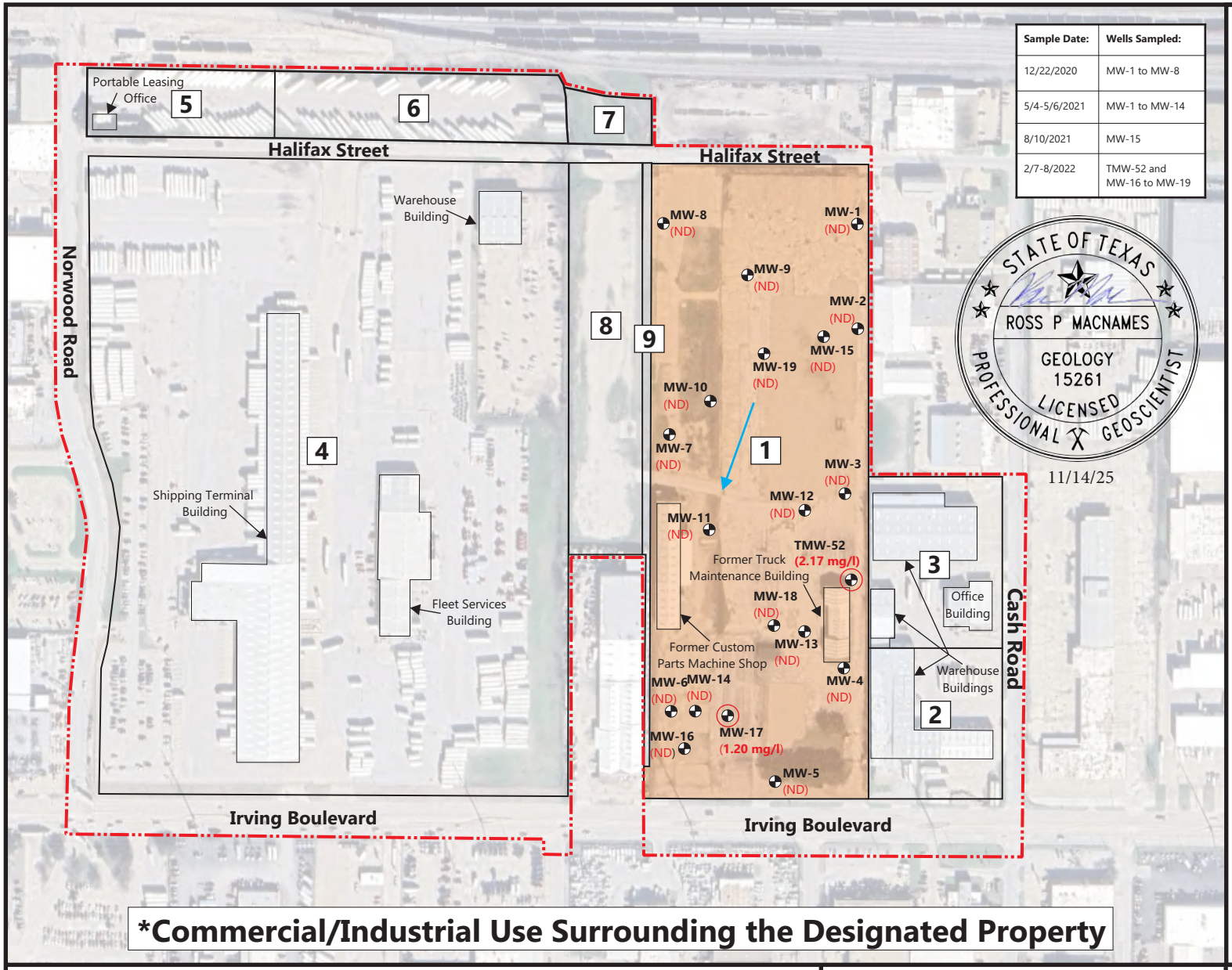
Source: Google Earth Aerial

***Commercial/Industrial Use Surrounding the Designated Property**


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N
0’ 200’ 400’
SCALE: 1” = 400’

# FIGURE 5
## GROUNDWATER PCLE ZONE MAP (TPH C12-C28)




| Sample Date: | Wells Sampled: |
|---|---|
| 12/22/2020 | MW-1 to MW-8 |
| 5/4-5/6/2021 | MW-1 to MW-14 |
| 8/10/2021 | MW-15 |
| 2/7-8/2022 | TMW-52 and MW-16 to MW-19 |

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11/14/25

**Legend:**

- = Designated Property Boundary
- = VCP ID # 3185 Boundary
- = Parcel Boundary
- # = Tract ID
- = Groundwater Monitor Well
- = Groundwater Direction
- = Isoconcentration Contour
- ND = Not detected
- 2.05 mg/l = TPH C28-C35 concentratoin

-Ingestion PCL: **0.98** mg/l
-Non-Ingestion PCL: **7,500** mg/l
-mg/l = milligrams per Liter

| Tract ID | Tract Address | Tract Regulatory IDs/Status |
|---|---|---|
| 1 *Anchor Property | 4001 Irving Blvd (aka 4003, 4007 Irving Blvd, 3920 and 3918 Halifax St.) | IHW: 30214 (closed) & 40269 (closed) LPST ID: 105330 (NFA) & 107494 (NFA) PST ID: 17217 (closed) VCP ID: 3185 (active) |
| 2 | 3919 Irving Blvd | IHW: 90760 (closed) & 37839 (closed) 75395 (active) LPST ID: 117034 (NFA) PST ID: 78284 (closed) MSW: 100028 (active) Used Oil: A86127 (active) |
| 3 | 5025 Cash Rd | |
| 4 | 4211 Irving Blvd | IHW: 36680 (closed) & 68811 (active) LPST ID: 112956 (NFA) PST ID: 113636 (closed) & 77668 (active) |
| 5 | 4221 Halifax St | |
| 6 | 4203 Halifax St | |
| 7 | 4001 Halifax St | |
| 8 | 4010 Halifax St | |
| 9 | 4153 Halifax St | |

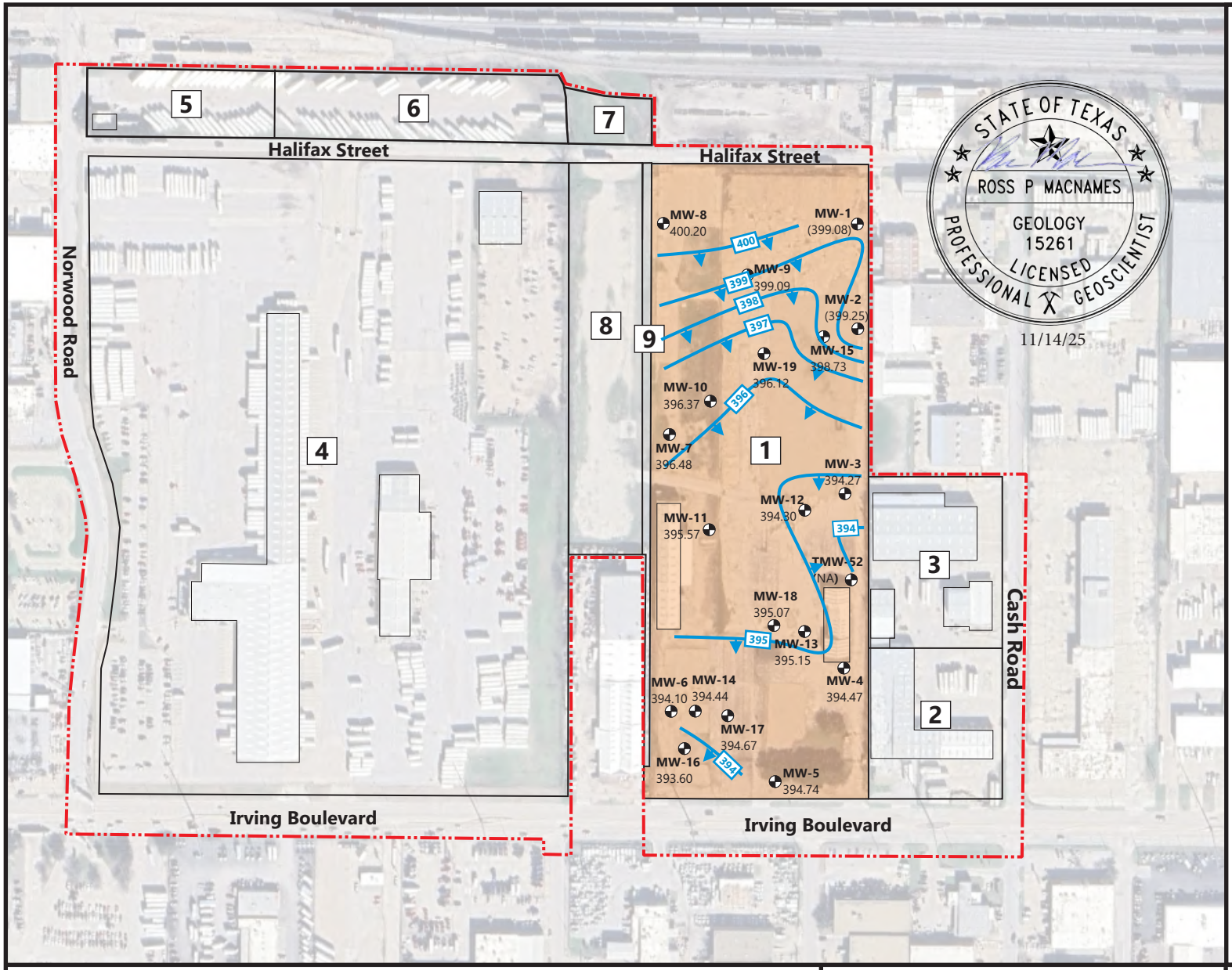
Source: Google Earth Aerial

***Commercial/Industrial Use Surrounding the Designated Property**


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N
0’ 200’ 400’
SCALE: 1” = 400’

# FIGURE 6
## GROUNDWATER PCLE ZONE MAP (TPH C28-C35)




**Legend:**

- = Designated Property Boundary
- = VCP ID # 3185 Boundary
- = Parcel Boundary
- # = Tract ID
- = Groundwater Monitor Well
- = Groundwater Contour Line

Groundwater Gradient Results
Recorded on February 8, 2022

| Tract ID | Tract Address | Tract Regulatory IDs/Status |
|---|---|---|
| 1 *Anchor Property | 4001 Irving Blvd (aka 4003, 4007 Irving Blvd, 3920 and 3918 Halifax St.) | IHW: 30214 (closed) & 40269 (closed) LPST ID: 105330 (NFA) & 107494 (NFA) PST ID: 17217 (closed) VCP ID: 3185 (active) |
| 2 | 3919 Irving Blvd | IHW: 90760 (closed) & 37839 (closed) 75395 (active) LPST ID: 117034 (NFA) PST ID: 78284 (closed) MSW: 100028 (active) Used Oil: A86127 (active) |
| 3 | 5025 Cash Rd | |
| 4 | 4211 Irving Blvd | IHW: 36680 (closed) & 68811 (active) LPST ID: 112956 (NFA) PST ID: 113636 (closed) & 77668 (active) |
| 5 | 4221 Halifax St | |
| 6 | 4203 Halifax St | |
| 7 | 4001 Halifax St | |
| 8 | 4010 Halifax St | |
| 9 | 4153 Halifax St | |

Source: Google Earth Aerial


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N

0’ 200’ 400’

SCALE: 1” = 400’

# FIGURE 7

## GROUNDWATER GRADIENT MAP ANCHOR PROPERTY

# ITEM 5: PROPERTY USE INFORMATION

**Designated Property Current Use**

The Designated Property currently consists of nine (9) tracts, adjacent COD right ROWs (Irving Boulevard, Norwood Road, Halifax Street, and Cash Road), and multiple COD ROW dedications, totaling 84.506-acres. The Designated Property is currently developed for commercial and light industrial use. No chemical use or storage is present on the Designated Property. A summary of the current use for each tract included within the Designated Property can be found in the table below.

| Tract ID | Tract Address | Current Use |
|---|---|---|
| Tract ID #1 | 4001 Irving Boulevard (aka 4003 Irving Boulevard, 4007 Irving Boulevard, 3920 Halifax Street, 3918 Halifax Street) Dallas, TX 75247 | This tract is currently vacant and consists of two commercial buildings (former Custom Parts Machine Shop and Truck Maintenance Building). The remainder of the tract is primarily covered by concrete except for locations of former buildings. This tract was most recently developed for light industrial use. |
| Tract ID #2 | 3919 Irving Boulevard Dallas, TX 75247) | This tract is currently developed with multiple warehouse buildings with limited office space. The remainder of the tract is covered by concrete. Currently the tract is occupied by Waste Management, LLC. and has operated as a recycling center since 2011. |
| Tract ID #3 | 5025 Cash Road Dallas, TX 75247) | This tract is currently developed with multiple warehouse buildings. The remainder of the tract is covered by concrete. Currently the tract is occupied by Waste Management, LLC. and has operated as a recycling center since 2011. |
| Tract ID #4 | 4211 Irving Boulevard Dallas, TX 75247 | This tract is currently developed with a shipping terminal building with limited office space, a fleet service building, and a warehouse building. The remainder of the tract is covered in concrete. Currently the tract is occupied by SEFL and Sure Storage, LLC. |
| Tract ID #5 | 4221 Halifax Street Dallas, TX 75247 | This tract is currently developed as a gravel storage lot with a mobile office building occupied by Compass LLC, a trailer leasing company. The primary use of the tract is for trailer storage. |
| Tract ID #6 | 4203 Halifax Street Dallas, TX 75247 | This tract is currently developed as a gravel storage lot occupied by Compass, LLC, a trailer leasing company. The primary use of the tract is for trailer storage. |
| Tract ID #7 | 4001 Halifax Street Dallas, TX 75247 | This tract is currently developed with an abandoned rail spur and is un-occupied. |
| Tract ID #8 | 4010 Halifax Street Dallas, TX 75247 | This tract is currently developed as a gravel storage lot and is un-occupied. |
| Tract ID #9 | 4153 Halifax Street Dallas, TX 75247 | This tract is currently developed with an abandoned rail spur and is un-occupied. |

It should be noted that tract numbers 6, 7, and 9 have recently been combined under one deed/address (4203 Halifax Street). Therefore, the following addresses are no longer applicable: 4001 Halifax Street and 4153 Halifax Street. Additionally, tract numbers 1, 2, and 3 have also been combined under one deed.

**Designated Property Historical Use**

A summary of the historical use for each tract included within the Designated Property can be found in the table below.

| Tract ID | Tract Address | Historical Use |
|---|---|---|
| Tract ID #1 | 4001 Irving Boulevard (aka 4003 Irving Boulevard, 4007 Irving Boulevard, 3920 Halifax Street, 3918 Halifax Street) Dallas, TX 75247 | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The southwestern portion of the tract was first developed in the early 1950s by Whittle Construction Company followed by Trinity Industries who eventually occupied the entire tract from at least 1961 to 2020. |
| Tract ID #2 | 3919 Irving Boulevard Dallas, TX 75247) | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1952. The tract was developed by the late 1950s with multiple warehouse buildings and occupied by a diesel engine service and repair facility (Stewart & Stevenson Services, Inc.) from 1956 – 2003 followed by Standard Waste Systems. Currently the tract is occupied by Waste Management, LLC, and has operated as a recycling center since 2011. |
| Tract ID #3 | 5025 Cash Road Dallas, TX 75247) | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1952. The tract was developed by the late 1950s with multiple warehouse buildings and occupied by a diesel engine service and repair facility (Stewart & Stevenson Services, Inc.) from 1956 – 2003 followed by Standard Waste Systems. Waste Management, LLC. and has operated as a recycling center since 2011. |
| Tract ID #4 | 4211 Irving Boulevard Dallas, TX 75247 | Based on the review of historical resources, sand and gravel mining operations appeared to have occurred on this tract from at least 1942 until 1958. The tract was developed with its current improvements (shipping terminal) by the late 1960s. The tract was historically occupied by Merchants Fast Motor Lines and is currently occupied by SEFL. |
| Tract ID #5 | 4221 Halifax Street Dallas, TX 75247 | Based on the review of historical resources, sand and gravel mining operations appeared to have occurred on this tract from at least 1942 until 1958. The tract appeared vacant between 1968 and 1972. The current improvements to the tract were developed in mid-1970. Historically this tract has primarily been used for trailer storage. |
| Tract ID #6 | 4203 Halifax Street Dallas, TX 75247 | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1972. The current improvements to the tract were development in mid-1970. Historically this tract has primarily been used for trailer storage. |
| Tract ID #7 | 4001 Halifax Street Dallas, TX 75247 | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The tract was developed with its current improvement (rail spur) by the late 1950's. |
| Tract ID #8 | 4010 Halifax Street Dallas, TX 75247 | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The tract was developed with its current improvement by the late 1950's and used by Trinity for storage. Most recently, the property was used for truck/trailer parking. |

| | | |
|---|---|---|
| Tract ID #9 | 4153 Halifax Street Dallas, TX 75247 | Based on the review of historical resources, this tract was undeveloped land from at least 1942 until 1950. The tract was developed with its current improvement (rail spur) by the late 1950's and appears to have been used by Trinity for freight operations. |

It should be noted that tract numbers 6, 7, and 9 have recently been combined under one deed/address (4203 Halifax Street). Therefore, the following addresses are no longer applicable: 4001 Halifax Street and 4153 Halifax Street. Additionally, tract numbers 1, 2, and 3 have also been combined under one deed.

The main portion of the Designated Property, identified as Tract ID #1 (herein referred to as the Anchor Property), was acquired by SEFL (MSD applicant) in early 2021. The entire Anchor Property (Tract #1) was most recently occupied by Trinity Industries, Inc. (Trinity) who first started operating on portions of the Anchor Property starting in the 1950s lasting through 2020. Trinity used the Anchor Property (Tract ID #1) for steel fabrication, manufacturing of railroad equipment, fleet maintenance and refueling, compressor maintenance, and metal and materials testing. The Anchor Property was most recently developed with multiple buildings identified as the Main Warehouse Building, the Custom Parts Machine Shop, the Southeastern Truck Maintenance Building, Warehouse Building, the Wash Bay structure, the Compressor Shop, the Office/Metals Laboratory Building, the Former Materials Testing Laboratory/Office Building, and several portable buildings and sheds. Currently only the Custom Parts Machine Shop and Truck Maintenance Building remain. The remainder of the Anchor Property is primarily covered by concrete except for the locations of the former buildings that have been demolished and their foundations removed.

The Anchor Property was accepted into the Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP) on November 2, 2021 and has been assigned VCP No. 3185 (a copy of the acceptance letter from the TCEQ is provided in Item 15). SEFL is listed as Applicant A and Schwob Companies, LLC (Schwob), owner's representative, is listed as Applicant B.

The historical long-term use of the Anchor Property by Trinity has been identified as a probable source of contamination for the Designated Property. Trinity was listed in multiple regulatory databases as outlined in Item 14. The following table provides details of regulated waste reported by Trinity.

| TX Waste Code | Waste Description | TX Form Code |
|---|---|---|
| 04919992 | Supplemental Plant refuse | 999 – Class 2 plant trash |
| 02543072 | Metal Shavings from parts manufacturing | 307 – Metal scale, filings or scrap |
| 00012061 | Hydraulic oil | 206 – Waste oil |
| 01542061 | Spent coolant from machinery operations | 206 – Waste oil |
| 00032062 | Tectyl 508G & Tectyl 517 & 506G | 206 – Waste oil |
| 01912061 | Fleet service operation, truck oil changes | 206 – Waste oil |
| 00062061 | Used oil | 206 – Waste oil |
| 05912191 | Spent diesel fuel- Contaminated | 219 – Other organic liquids |

| | | |
|---|---|---|
| 00014891 | Totes contained oily water mixture | 489 - Petroleum contaminated solids |
| 00073011 | Soil contaminated with oil, class 1 | 301 - Soil contaminated with organics |
| 02913101 | Oil filters from fleet service operations | 310 – Spent solid filters or adsorbents |
| 03912961 | Spent antifreeze from fleet service operations | 296 – Ethylene glycol-based antifreeze |
| 00042191 | Oily water and debris | 219 – Other organic liquids |
| 00022192 | Boiled linseed oil | 219 – Other organic liquids |
| 43212111 | Non-haz solvent/cleaning parts | 211 - Paint thinner or petroleum distillates |
| 1234211H | Parts cleaning | 211 – Paint thinner or petroleum distillates |
| 1235203H | Carburetor cleaning | 203 – Non-halogenated solvent |
| 0005104H | Sulfuric acid from metals lab | 104 – Spent acid without metals |

Additionally, the Anchor Property was listed with four waste management units (WMUs) (WMU-001, WMU-002, WMU-003, and WMU-004) associated with Trinity. WMU-001 has been closed and WMU-002 – WMU-004 will be eligible for closure upon the certificate of the MSD. The following table provides details of each WMU.

| WMU # | Unit Type | System Type Code | Code Description | Waste Previously Managed in Unit | Previous Waste Code Description |
|---|---|---|---|---|---|
| 001 | Container Storage Area | 141 | Storage, bulking, and/or transfer off-site with no reclamation, recovery, destruction, treatment | 01542061 | Spent coolant from machinery operations<br>Texas Code: 489 - Petroleum contaminated solids |
| 002 | Container Storage Area<br>050 Non-Hazardous Regulated 55-gallon drum for truck fleet service operations for used oil, spent antifreeze, contaminated diesel fuel. | 039 | Other recovery or reclamation for reuse including acid regeneration, etc | 00012061 | Hydraulic oil / 206 – Waste Oil |
| | | | | 00022192 | Boiled linseed oil / 219 – Other organic liquids |
| | | 050 | Energy recovery at this site; use as fuel (includes on-site fuel blending before energy recovery) | 00032062 | Tectyl 508G & Tectyl 517 & 506G 206 – Waste oil |
| | | | | 02913101 | Oil filters from fleet service operations<br>310 – Spent solid filters or adsorbents |
| | | | | 03912961 | Spent antifreeze from fleet service operations |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | 296 – Ethylene glycol based antifreeze |
| | | | | 05912191 | Spent diesel fuel- Contaminant 219 – Other organic liquids |
| 003 | Tank (Surface)<br>05 Non-Hazardous Regulated Holding tank for used oil | 039 | Other recovery or reclamation for reuse including acid regeneration, etc | 01912061 | Fleet service operation, truck oil changes<br>206 – Waste oil |
| 004 | Landfill<br>05 Non-Hazardous Regulated three roll-off boxes for plant trash and one roll off for scrap metal | 010 | Metals recovery including retorting, smelting, chemical, etc. | 04919992 | Supplemental Plant refuse<br>999 – Class 2 plant trash |
| | | 132 | Landfill (with prior treatment and/or stabilization) | | |

**Designated Property Future Use**

It is expected that the near and long-term use of the Designated Property will remain similar to the current use as primarily commercial and light industrial. However, individual tracts within the Designated Property may be redeveloped.

**Surrounding Properties Current and Future Use**

The Designated Property is currently bound by a mix of commercial and light industrial properties, and roadways. The near and long-term future use of adjacent and surrounding properties is anticipated to remain similar to the current.

The below table provides details regarding the current use of the adjoining properties.

| Direction | Current Property Use | Tract Address |
|---|---|---|
| North | Halifax Street – COD ROW | Not applicable |
| | Rail Spur – Owned by the Dallas & Ft Worth Cities | Not applicable |
| | Commercial – Vacant Parcel | 3951 Halifax Street |
| | Commercial – Vacant Parcel | 3901 Halifax Street |
| East | Cash Road – COD ROW | Not Applicable |
| | Industrial – Republic Sheet Metal and Manufacturing | 5131 Cash Road |
| | Industrial – Republic Sheet Metal and Manufacturing | 5125 Cash Road |
| | Commercial – Currently Vacant | 5151 Cash Road |
| South | Irving Boulevard – COD ROW | Not Applicable |

| | | |
|---|---|---|
| | Commercial - ABJ Truck Service & Parts (Truck Service and Repair) | 4011 Irving Boulevard |
| West | Norwood Road – COD ROW | Not Applicable |
| | Commercial – Il Granito (Granite Supplier) | 4303 Irving Boulevard |
| | Commercial - United States Postal Service | 5055 Norwood Road |
| | Commercial – CoreLite (Manufacturer of foam and balsa core materials) | 5101 Norwood Road |
| | Commercial – CE Pallets (Pallet Sales) | 5117 Norwood Road |
| | Commercial Warehouse Building – Multiple Tenants | 5151 Norwood Road |
| | Commercial - Cemplex Group Texas, LLC (Construction Company) | 5225 Norwood Road |

Several adjoining and surrounding properties are listed in regulatory databases as outlined in Item 4, Figure 3 – Site Vicinity Map.

# ITEM 6: CONTAMINANT OF CONCERN – INGESTION PCLE ZONE

**Groundwater General Characteristics**

According to the Texas Water Development Board (TWDB) and Groundwater Atlas of the United States – Segment 4, the principal aquifer underlying the Dallas County area including the Designated Property is the Trinity Group. The Cretaceous age Trinity Group is the largest and most prolific aquifer in the area. The Trinity Group aquifer consists of the Paluxy, Glen Rose and Twin Mountains Formations. The thickness of the Trinity Group aquifer ranges from approximately 100 feet at the outcrop to approximately 1,200 feet at the down-dip limit. The chemical quality of the aquifer is suitable for most industrial and public supply uses**.**

Static groundwater levels measured on the Anchor Property between May 2021 and February 2022 have been recorded between 8 to 15-feet bgs. Groundwater gradient beneath the Anchor Property has been recorded in the southernly direction toward the Trinity River. It's anticipated that groundwater gradient across the Designated property is similar.

The following COC table shows the maximum concentrations detected in groundwater exceeding the ingestion PCLs (Residential $^{GW}GW_{Ing}$). The maximum groundwater concentrations reported are the most recent maximum concentrations observed to date. A summary table of the groundwater analytical results can be found in Item 8. A figure showing all the estimated PCLE zones for these COCs are provided in Item 4.

| COC: | Maximum Concentration Observed: (mg/l) | Sample ID: | TRRP Ingestion PCL: $^{GW}GW_{ING}$ (mg/l) [Without MSD] | TRRP Non-Ingestion PCL: $^{Air}GW_{Ing-V}$ (mg/l) [With MSD] | Molecular Weight: (g/mole) | Solubility in Water: (mg/l) | Estimated PCLE Zone Area (sq. ft.) |
|---|---|---|---|---|---|---|---|
| TPH C12-C28 | **2.05** | TMW-52 (2/7/22) | **0.98** | **7,500** | 150 | 5.8 | 5,000 |
| TPH C28-C35 | **2.17** | TMW-52 (2/7/22) | **0.98** | **7,500** | 150 | 5.8 | 5,000 |

The known TPH contamination at the Designated Property is believed to be historical in nature. The source of the TPH exceedances appears to be a result of Trinity's overall long-term industrial operations on the Anchor Property and documented use of multiple petroleum containing products as documented in Item 5. TCEQ concurred in a letter dated May 30, 2023, that the source of the identified TPH contamination is unlikely to be related to a 30 TAC Chapter 334 PST release and would be eligible for an MSD. A copy of the TCEQ letter is included in this Item.

The vertical extent of the affected groundwater above TCEQ ingestion PCLs is from approximately 8 feet below ground surface (static groundwater depth) to the top of the Eagle Ford Formation. The Eagle Ford Formation is considered a regional aquitard and is expected to be approximately 200-300 feet thick. The Eagle Ford Formation wasn't encountered during the advancement of the soil borings installed on the Anchor Property. Based on surrounding borings logs is anticipated that the Eagle Ford Formation is to be between 40 – 50 feet bgs. Therefore, the vertical extent of the PCLE zone extends from approximately 8 feet bgs to 50 feet bgs.

Other potential COCs in groundwater investigated for, including RCRA 8 Metals, VOCs, SVOCs, and PCBs, were detected at concentrations either below laboratory SDLs or below TCEQ ingestion PCLs; therefore, not

considered COCs. Maximum COC concentrations detected in groundwater at concentrations below the TCEQ ingestion PCLs can be found in Item 7. PAHs (benzo(a)pyrene and dibenz(a,h)anthracene) were detected at the Designated Property above TCEQ ingestion PCLs, however the detections are associated with an adjacent PST site (PST Facility ID 23935 and 23936) located at 5131 Cash Road; therefore, related to a 40 TAC Chapter 334 PST release and not subject to TRRP. TCEQ concurred with this determination in a letter dated March 14, 2023 (A copy of the letter can be found to this Item). All other PAH results were detected below TCEQ ingestion PCLs.

Following the implementation of the MSD for the Designated Property, the TRRP non-ingestion PCLs ($^{Air}GW_{Inh-V}$) will become the cPCLs for the Anchor Property. Non-ingestion PCL exceedances in groundwater have not been identified.

Chemical data sheets for each of the COCs detected in groundwater above TCEQ ingestion PCLs are provided as an attachment in this Item.

**Soil/Geology Characteristics**

According to the United States Department of Agriculture Soil Conservation Service, Soil Survey of Dallas County, Texas, the Designated Property is underlain by soil classified as Silstid-Urban land complex and Trinity-Urban land complex.

According to the Geological Atlas of Texas, Dallas Sheet, the Designated Property is underlain by Quaternary Alluvium Deposits (Qal) comprised of flood-plain deposits such as gravel, sand, silt, silty clay, and organic matter. Beneath the Quaternary Alluvium Deposits is the Cretaceous Eagle Ford Group (Kef) comprised of shale, sandstone, and limestone.

The following table describes the COCs detected in soil at concentrations exceeding the TRRP ingestion PCLs (Residential Soil to Groundwater, $^{GW}Soil_{Ing}$), and associated chemical/physical properties. A summary table of the soil analytical results can be found in Item 4.

| COC: | Maximum Concentration Observed: (mg/kg) | Sample ID: | TRRP Ingestion Residential PCL: $^{GW}Soil_{ING}$ (mg/kg) [Without MSD] | TRRP Non-Ingestion Comm/Ind PCL: $^{Total}Soil_{Comb}$ (mg/kg) [With MSD and Inst. Control] | Molecular Weight: (g/mole) | Solubility in Water: (mg/l) |
|---|---|---|---|---|---|---|
| Arsenic | **12.3** | B-11 1-2' (12/22/20) | **5** | **200** | 75 | 0 |
| Lead | **23.8** | B-10 0-1' (12/22/20) | **3** | **1600** | 207 | 0 |
| Selenium | **3.89** | B-54 2.5-5' (2/7/22) | **2.3** | **4900** | 79 | 0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Benzene | **0.0276** | B-71 2.5-5' (2/7/23) | **0.026** | **240** | 78 | 1770 |
| cis-1,2-Dichloroethene | **0.655** | B-42 7.5-10' (2/2/22) | **0.25** | **790** | 97 | 4930 |
| Tetrachloroethene | **0.0785** | B-17 6-8' (8/3/21) | **0.05** | **1400** | 166 | 200 |
| 1,1,2-Trichloroethane | **0.0612** | B-71 2.5-5' (2/7/23) | **0.02** | **35** | 133 | 4420 |
| Trichloroethene | **0.0864** | B-17 6-8' (8/3/21) | **0.034** | **40** | 131 | 1100 |
| Vinyl Chloride | **0.113** | B-42 7.5-10' (2/2/22) | **0.022** | **15** | 62 | 2760 |
| TPH C6-C12 | **399** | B-6 1-2' (12/22/20) | **65** | **1600** | 120 | 65 |
| TPH C12-C28 | **4230** | B-17 6-8' (8/3/21) | **200** | **12,000** | 150 | 5.8 |
| TPH C28-C35 | **4730** | B-17 6-8' (8/3/21) | **200** | **12,000** | 150 | 5.8 |

Other potential COCs in soil investigated, including SVOCs, PAH, and PCBs, were detected at concentrations either below laboratory sample detection limits (SDLs) or below TCEQ ingestion PCLs; therefore, these constituents are not considered COCs.

Following the implementation of the MSD for the Designated Property, the following COCs detected on-site exceed RALs:

| COC: | Result/Boring ID (mg/kg) | TRRP Ingestion PCL: $^{GW}Soil_{ING}$ (mg/kg) [Without MSD] | TRRP Non-Ingestion PCL: $^{Total}Soil_{Comb}$ (mg/kg) [With MSD] | With MSD and Comm/Ind Institutional Control (cPCL) | Location: |
|---|---|---|---|---|---|
| TPH C12-C28 | **4230** B-17 6-8' | **200** | **2,300** | **12,000** | On-site |
| | **2870** B-45 2.5-5' | | | | |
| TPH C28-C35 | **4730** B-17 6-8' | **200** | **2,300** | **12,000** | On-site |

Following the implementation of the MSD for the Designated property and an institutional control restricting the use of the Anchor Property to Commercial/Industrial, the Commercial/Industrial TRRP non-ingestion PCLs ($^{Total}Soil_{Comb}$) will become the cPCLs for the Anchor Property. None of the soil results exceed the cPCL after the implementation of the MSD and the Commercial/Industrial institutional control.

Chemical data sheets for each of the COCs detected in soil above ingestion PCLs are provided in this Item.

# Item 6 Attachments

- Chemical Data Sheets
- TCEQ Letter Dated March 14, 2023 (TCEQ Comment #10)
- TCEQ Letter Dated May 30, 2023 (TCEQ Comment #4)

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# 1,1,2-Trichloroethane

SYNONYMS & TRADE NAMES

Ethane trichloride, β-Trichloroethane, Vinyl trichloride

CAS NO.

79-00-5

RTECS NO.

KJ3150000

DOT ID & GUIDE

FORMULA

$CHCl_2CH_2Cl$

CONVERSION

1 ppm = 5.46 $mg/m^3$

IDLH

Ca [100 ppm]
See: 79005

EXPOSURE LIMITS

NIOSH REL
Ca TWA 10 ppm (45 $mg/m^3$) [skin] See Appendix A See Appendix C (Chloroethanes)
OSHA PEL
TWA 10 ppm (45 $mg/m^3$) [skin]

## MEASUREMENT METHODS

**NIOSH** 1003;
**OSHA** 11
See: NMAM or OSHA Methods

## PHYSICAL DESCRIPTION

Colorless liquid with a sweet, chloroform-like odor.

## MOLECULAR WEIGHT

133.4

## BOILING POINT

237°F

## FREEZING POINT

-34°F

## SOLUBILITY

0.4%

## VAPOR PRESSURE

19 mmHg

## IONIZATION POTENTIAL

11.00 eV

## SPECIFIC GRAVITY

1.44

FLASH POINT

?

UPPER EXPLOSIVE LIMIT

15.5%

LOWER EXPLOSIVE LIMIT

6%

Combustible Liquid, forms dense soot.

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers & caustics; chemically-active metals (such as aluminum, magnesium powders, sodium & potassium)

EXPOSURE ROUTES

inhalation, skin absorption, ingestion, skin and/or eye contact

SYMPTOMS

irritation eyes, nose; central nervous system depression; liver, kidney damage; dermatitis; [potential occupational carcinogen]

TARGET ORGANS

Eyes, respiratory system, central nervous system, liver, kidneys

CANCER SITE

[in animals: liver cancer]

PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**When contaminated
**Remove:**When wet or contaminated
**Change:**No recommendation
**Provide:**Eyewash, Quick drench

FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash promptly
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

RESPIRATOR RECOMMENDATIONS

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

SEE ALSO

INTRODUCTION ICSC CARD: 0080 MEDICAL TESTS: 0235

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# 1,2-Dichloroethylene

SYNONYMS & TRADE NAMES

Acetylene dichloride, cis-Acetylene dichloride, trans-Acetylene dichloride, sym-Dichloroethylene

CAS NO.

540-59-0

RTECS NO.

KV9360000

DOT ID & GUIDE

1150 130P

FORMULA

ClCH=CHCl

CONVERSION

1 ppm = 3.97 mg/m$^3$

IDLH

1000 ppm
See: 540590

EXPOSURE LIMITS

NIOSH REL
TWA 200 ppm (790 mg/m$^3$)
OSHA PEL

TWA 200 ppm (790 mg/m$^3$)

## MEASUREMENT METHODS

**NIOSH** 1003;
**OSHA** 7
See: NMAM or OSHA Methods

## PHYSICAL DESCRIPTION

Colorless liquid (usually a mixture of the cis & trans isomers) with a slightly acrid, chloroform-like odor.

## MOLECULAR WEIGHT

97.0

## BOILING POINT

118-140°F

## FREEZING POINT

-57 to -115°F

## SOLUBILITY

0.4%

## VAPOR PRESSURE

180-265 mmHg

## IONIZATION POTENTIAL

9.65 eV

## SPECIFIC GRAVITY

(77°F): 1.27

FLASH POINT

36-39°F

UPPER EXPLOSIVE LIMIT

12.8%

LOWER EXPLOSIVE LIMIT

5.6%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers, strong alkalis, potassium hydroxide, copper [Note: Usually contains inhibitors to prevent polymerization.]

EXPOSURE ROUTES

inhalation, ingestion, skin and/or eye contact

SYMPTOMS

irritation eyes, respiratory system; central nervous system depression

TARGET ORGANS

Eyes, respiratory system, central nervous system

## PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**When contaminated
**Remove:**When wet (flammable)
**Change:**No recommendation

## FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash promptly
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

## RESPIRATOR RECOMMENDATIONS

**NIOSH/OSHA**

**Up to 1000 ppm**:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode[£]
(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)[£]
(APF = 50) Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s)
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

**Emergency or planned entry into unknown concentrations or IDLH conditions:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

## SEE ALSO

INTRODUCTION ICSC CARD: 0436

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# Arsenic (inorganic compounds, as As)

SYNONYMS & TRADE NAMES

Arsenia, Arsenic metal [Note: OSHA considers "Inorganic Arsenic" to mean copper acetoarsenite and all inorganic compounds containing arsenic except ARSINE.]

CAS NO.

7440-38-2 (metal)

RTECS NO.

CG0525000 (metal)

DOT ID & GUIDE

1558 152(metal)
1562 152(dust)

FORMULA

As (metal)

CONVERSION

IDLH

Ca [5 mg/m$^3$ (as As)]
See: 7440382

EXPOSURE LIMITS

NIOSH REL

Ca C 0.002 mg/m$^3$ [15-minute] See Appendix A
OSHA PEL
[1910.1018] TWA 0.010 mg/m$^3$

## MEASUREMENT METHODS

**NIOSH** 7300 , 7301 , 7303 , 7900 , 9102;
**OSHA** ID105
See: NMAM or OSHA Methods

## PHYSICAL DESCRIPTION

Metal: Silver-gray or tin-white, brittle, odorless solid.

## MOLECULAR WEIGHT

74.9

## BOILING POINT

Sublimes

## MELTING POINT

1135°F (Sublimes)

## SOLUBILITY

Insoluble

## VAPOR PRESSURE

0 mmHg (approx)

## IONIZATION POTENTIAL

NA

SPECIFIC GRAVITY

5.73 (metal)

FLASH POINT

NA

UPPER EXPLOSIVE LIMIT

NA

LOWER EXPLOSIVE LIMIT

NA

Metal: Noncombustible Solid in bulk form, but a slight explosion hazard in the form of dust when exposed to flame.

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers, bromine azide [Note: Hydrogen gas can react with inorganic arsenic to form the highly toxic gas arsine.]

EXPOSURE ROUTES

inhalation, skin absorption, skin and/or eye contact, ingestion

SYMPTOMS

Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, resp irritation, hyperpigmentation of skin, [potential occupational carcinogen]

TARGET ORGANS

Liver, kidneys, skin, lungs, lymphatic system

CANCER SITE

[lung & lymphatic cancer]

PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**When contaminated/Daily
**Remove:**When wet or contaminated
**Change:**Daily
**Provide:**Eyewash, Quick drench

FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash immediately
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

RESPIRATOR RECOMMENDATIONS

(See Appendix E)

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted acid gas canister having an N100, R100, or P100 filter.
Click here for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

SEE ALSO

INTRODUCTION ICSC CARD: 0013 MEDICAL TESTS: 0017

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# Benzene

SYNONYMS & TRADE NAMES

Benzol, Phenyl hydride

CAS NO.

71-43-2

RTECS NO.

CY1400000

DOT ID & GUIDE

1114 130

FORMULA

$C_6H_6$

CONVERSION

1 ppm = 3.19 mg/m³

IDLH

Ca [500 ppm]
See: 71432

EXPOSURE LIMITS

NIOSH REL
Ca TWA 0.1 ppm ST 1 ppm See Appendix A
OSHA PEL
[1910.1028] TWA 1 ppm ST 5 ppm See Appendix F

MEASUREMENT METHODS

**NIOSH** 1500 , 1501 , 3700 , 3800;
**OSHA** 1005 , 5000
See: NMAM or OSHA Methods

PHYSICAL DESCRIPTION

Colorless to light-yellow liquid with an aromatic odor. [Note: A solid below 42°F.]

MOLECULAR WEIGHT

78.1

BOILING POINT

176°F

FREEZING POINT

42°F

SOLUBILITY

0.07%

VAPOR PRESSURE

75 mmHg

IONIZATION POTENTIAL

9.24 eV

SPECIFIC GRAVITY

0.88

FLASH POINT

12°F

UPPER EXPLOSIVE LIMIT

7.8%

LOWER EXPLOSIVE LIMIT

1.2%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers, many fluorides & perchlorates, nitric acid

EXPOSURE ROUTES

inhalation, skin absorption, ingestion, skin and/or eye contact

SYMPTOMS

irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]

TARGET ORGANS

Eyes, skin, respiratory system, blood, central nervous system, bone marrow

CANCER SITE

[leukemia]

PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**When contaminated
**Remove:**When wet (flammable)
**Change:**No recommendation
**Provide:**Eyewash, Quick drench

FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash immediately
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

RESPIRATOR RECOMMENDATIONS

(See Appendix E)

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

SEE ALSO

INTRODUCTION ICSC CARD: 0015 MEDICAL TESTS: 0022

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# Coal tar pitch volatiles

SYNONYMS & TRADE NAMES

Acridine, Anthracene, Benzo(a)pyrene, Chrysene, Coal tar, Phenanthrene, pyrene [Note: NIOSH considers coal tar, coal tar pitch, and creosote to be coal tar products.]

CAS NO.

65996-93-2

RTECS NO.

GF8655000

DOT ID & GUIDE

2713 153(acridine)

FORMULA

CONVERSION

IDLH

Ca [80 mg/m$^3$]
See: 65996932

EXPOSURE LIMITS

NIOSH REL
Ca TWA 0.1 mg/m$^3$ (cyclohexane-extractable fraction) See Appendix A See Appendix C

OSHA PEL

TWA 0.2 mg/m$^3$ (benzene-soluble fraction) [1910.1002] See Appendix C

MEASUREMENT METHODS

**OSHA** 58

See: NMAM or OSHA Methods

PHYSICAL DESCRIPTION

Black or dark-brown amorphous residue.

MOLECULAR WEIGHT

Properties vary depending upon the specific compound.

Combustible Solids

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers

EXPOSURE ROUTES

inhalation, skin and/or eye contact

SYMPTOMS

dermatitis, bronchitis, [potential occupational carcinogen]

TARGET ORGANS

respiratory system, skin, bladder, kidneys

CANCER SITE

[lung, kidney & skin cancer]

## PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**Daily
**Remove:**No recommendation
**Change:**Daily

## FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash immediately
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

## RESPIRATOR RECOMMENDATIONS

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.
Click here for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

## SEE ALSO

INTRODUCTION ICSC CARD: 1415 MEDICAL TESTS: 0054

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# Material Safety Data Sheet
## Dibenz[a,h]anthracene, 99% (UV-Vis)

ACC# 66416

## Section 1 - Chemical Product and Company Identification

**MSDS Name:** Dibenz[a,h]anthracene, 99% (UV-Vis)
**Catalog Numbers:** AC406430000, AC406430010, AC406432500
**Synonyms:** 1,2:5,6-Dibenz(a)anthracene.
**Company Identification:**

Acros Organics N.V.
One Reagent Lane
Fair Lawn, NJ 07410

**For information in North America, call:** 800-ACROS-01
**For emergencies in the US, call CHEMTREC:** 800-424-9300

## Section 2 - Composition, Information on Ingredients

| CAS# | Chemical Name | Percent | EINECS/ELINCS |
|---|---|---|---|
| 53-70-3 | Dibenz[a,h]anthracene | 99 | 200-181-8 |

## Section 3 - Hazards Identification

**EMERGENCY OVERVIEW**

Appearance: off-white solid.
**Caution!** May cause eye and skin irritation. May cause respiratory tract irritation. Cancer suspect agent.
**Target Organs:** None known.

**Potential Health Effects**
**Eye:** May cause eye irritation.
**Skin:** May cause skin irritation.
**Ingestion:** May cause irritation of the digestive tract.
**Inhalation:** May cause respiratory tract irritation.
**Chronic:** May cause cancer in humans.

## Section 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Remove contaminated clothing and shoes.
**Ingestion:** Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
**Notes to Physician:** Treat symptomatically and supportively.

## Section 5 - Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
**Extinguishing Media:** Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
**Flash Point:** Not applicable.
**Autoignition Temperature:** Not applicable.
**Explosion Limits, Lower:**Not available.
**Upper:** Not available.
**NFPA Rating:** (estimated) Health: 1; Flammability: 0; Instability: 0

## Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.
**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

## Section 7 - Handling and Storage

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
**Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
**Exposure Limits**

| Chemical Name | ACGIH | NIOSH | OSHA - Final PELs |
|---|---|---|---|
| Dibenz[a,h]anthracene | none listed | none listed | none listed |

**OSHA Vacated PELs:** Dibenz[a,h]anthracene: No OSHA Vacated PELs are listed for this chemical.
**Personal Protective Equipment**
**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
**Skin:** Wear appropriate protective gloves to prevent skin exposure.
**Clothing:** Wear appropriate protective clothing to prevent skin exposure.
**Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

## Section 9 - Physical and Chemical Properties

**Physical State:** Solid
**Appearance:** off-white
**Odor:** Not available.
**pH:** Not available.
**Vapor Pressure:** Not available.
**Vapor Density:** Not available.
**Evaporation Rate:**Not available.
**Viscosity:** Not available.
**Boiling Point:** Not available.
**Freezing/Melting Point:**265 deg C
**Decomposition Temperature:**Not available.
**Solubility:** Not available.
**Specific Gravity/Density:**Not available.
**Molecular Formula:**C22H14
**Molecular Weight:**278.34

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.
**Conditions to Avoid:** Incompatible materials, dust generation, excess heat, strong oxidants.
**Incompatibilities with Other Materials:** Oxidizing agents.
**Hazardous Decomposition Products:** Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.
**Hazardous Polymerization:** Has not been reported

## Section 11 - Toxicological Information

**RTECS#:**
**CAS#** 53-70-3: HN2625000
**LD50/LC50:**
Not available.

**Carcinogenicity:**
CAS# 53-70-3:

- **ACGIH:** Not listed.
- **California:** carcinogen, initial date 1/1/88
- **NTP:** Suspect carcinogen
- **IARC:** Group 2A carcinogen

**Epidemiology:** No information available.
**Teratogenicity:** No information found
**Reproductive Effects:** No information found
**Mutagenicity:** No information found
**Neurotoxicity:** No information found
**Other Studies:**

## Section 12 - Ecological Information

**Ecotoxicity:** No data available. LC50 Neanthes arenaceodentata = >1 ppm/96 hour in a static bioassay /Other conditions of bioassay not specified.
**Environmental:** Terrestrial: Expected to be immobile in soil. Aquatic: Expected to adsorb to suspended solids and sediment in water. Atmospheric: Expected to exist solely in the particulate phase in the ambient atmosphere. Expected to biodegrade and bioconcentrate.
**Physical:** No information available.
**Other:** For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

## Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
**RCRA P-Series:** None listed.
**RCRA U-Series:**
CAS# 53-70-3: waste number U063.

## Section 14 - Transport Information

| | US DOT | Canada TDG |
|---|---|---|
| **Shipping Name:** | DOT regulated - small quantity provisions apply (see 49CFR173.4) | DYE SOLID TOXIC NOS (DIBENZ(A,H) |
| **Hazard Class:** | | 6.1 |
| **UN Number:** | | UN3143 |
| **Packing Group:** | | II |
| **Additional Info:** | | ANTHRACENE) |

## Section 15 - Regulatory Information

### US FEDERAL

**TSCA**
CAS# 53-70-3 is listed on the TSCA inventory.
**Health & Safety Reporting List**
None of the chemicals are on the Health & Safety Reporting List.
**Chemical Test Rules**
None of the chemicals in this product are under a Chemical Test Rule.
**Section 12b**
None of the chemicals are listed under TSCA Section 12b.
**TSCA Significant New Use Rule**
None of the chemicals in this material have a SNUR under TSCA.
**CERCLA Hazardous Substances and corresponding RQs**
CAS# 53-70-3: 1 lb final RQ; 0.454 kg final RQ
**SARA Section 302 Extremely Hazardous Substances**
None of the chemicals in this product have a TPQ.
**Section 313**
This material contains Dibenz[a,h]anthracene (CAS# 53-70-3, 99%),which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR
**Clean Air Act:**
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.
**Clean Water Act:**
None of the chemicals in this product are listed as Hazardous Substances under the CWA. CAS# 53-70-3 is listed as a Priority Pollutant under the Clean Water Act.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.
**OSHA:**
None of the chemicals in this product are considered highly hazardous by OSHA.
**STATE**
CAS# 53-70-3 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

**California Prop 65**
**The following statement(s) is(are) made in order to comply with the California Safe Drinking Water Act:**
WARNING: This product contains Dibenz[a,h]anthracene, a chemical known to the state of California to cause cancer.
California No Significant Risk Level: CAS# 53-70-3: 0.2 æg/day NSRL

### European/International Regulations
**European Labeling in Accordance with EC Directives**
**Hazard Symbols:**
T N
**Risk Phrases:**
R 45 May cause cancer.
R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrases:**
S 45 In case of accident or if you feel unwell, seek medical advice

immediately (show the label where possible).
S 53 Avoid exposure - obtain special instructions before use.
S 60 This material and its container must be disposed of as hazardou
s waste.
S 61 Avoid release to the environment. Refer to special instructions
/safety data sheets.

**WGK (Water Danger/Protection)**
CAS# 53-70-3: No information available.

**Canada - DSL/NDSL**
CAS# 53-70-3 is listed on Canada's NDSL List.

**Canada - WHMIS**
This product has a WHMIS classification of D2A.
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian Ingredient Disclosure List**
CAS# 53-70-3 is listed on the Canadian Ingredient Disclosure List.

## Section 16 - Additional Information

**MSDS Creation Date:** 6/24/1999
**Revision #4 Date:** 10/03/2005

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.*

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# Lead

SYNONYMS & TRADE NAMES

Lead metal, Plumbum

CAS NO.

7439-92-1

RTECS NO.

OF7525000

DOT ID & GUIDE

FORMULA

Pb

CONVERSION

IDLH

100 mg/m$^3$ (as Pb)
See: 7439921

EXPOSURE LIMITS

NIOSH REL
TWA (8-hour) 0.050 mg/m$^3$ See Appendix C [*Note: The REL also applies to other lead compounds (as Pb) -- see Appendix C.]

OSHA PEL

[1910.1025] TWA 0.050 mg/m$^3$ See Appendix C [*Note: The PEL also applies to other lead compounds (as Pb) -- see Appendix C.]

MEASUREMENT METHODS

**NIOSH** 7082 , 7105 , 7300 , 7301 , 7303 , 7700 , 7701 , 7702 , 9100 , 9102 , 9105;
**OSHA** ID206 , ID121 , ID125G
See: NMAM or OSHA Methods

PHYSICAL DESCRIPTION

A heavy, ductile, soft, gray solid.

MOLECULAR WEIGHT

207.2

BOILING POINT

3164°F

MELTING POINT

621°F

SOLUBILITY

Insoluble

VAPOR PRESSURE

0 mmHg (approx)

IONIZATION POTENTIAL

NA

SPECIFIC GRAVITY

11.34

FLASH POINT

NA

UPPER EXPLOSIVE LIMIT

NA

LOWER EXPLOSIVE LIMIT

NA

Noncombustible Solid in bulk form.

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers, hydrogen peroxide, acids

EXPOSURE ROUTES

inhalation, ingestion, skin and/or eye contact

SYMPTOMS

lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension

TARGET ORGANS

Eyes, gastrointestinal tract, central nervous system, kidneys, blood, gingival tissue

## PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**Daily
**Remove:**When wet or contaminated
**Change:**Daily

## FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap flush promptly
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

## RESPIRATOR RECOMMENDATIONS

(See Appendix E)
**NIOSH/OSHA**

**Up to 0.5 mg/m$^3$**:
(APF = 10) Any air-purifying respirator with an N100, R100, or P100 filter (including N100, R100, and P100 filtering facepieces) except quarter-mask respirators.
Click here for information on selection of N, R, or P filters.
(APF = 10) Any supplied-air respirator

**Up to 1.25 mg/m$^3$**:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.

**Up to 2.5 mg/m$^3$**:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here for information on selection of N, R, or P filters.

(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

**Up to 50 mg/m$^3$**:
(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

**Up to 100 mg/m$^3$**:
(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

**Emergency or planned entry into unknown concentrations or IDLH conditions:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

SEE ALSO

INTRODUCTION ICSC CARD: 0052 MEDICAL TESTS: 0127

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How helpful was this page?

Not helpful Very helpful

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# Selenium

SYNONYMS & TRADE NAMES

Elemental selenium, Selenium alloy

CAS NO.

7782-49-2

RTECS NO.

VS7700000

DOT ID & GUIDE

2658 152(powder)

FORMULA

Se

CONVERSION

IDLH

1 mg/m$^3$ (as Se)
See: 7782492

EXPOSURE LIMITS

NIOSH REL
TWA 0.2 mg/m$^3$ [*Note: The REL also applies to other selenium compounds (as Se) except Selenium hexafluoride.]
OSHA PEL

TWA 0.2 mg/m$^3$ [*Note: The PEL also applies to other selenium compounds (as Se) except Selenium hexafluoride.]

## MEASUREMENT METHODS

**NIOSH** S190 (II-7) , 7300 , 7301 , 7303 , 9102;
**OSHA** ID121
See: NMAM or OSHA Methods

## PHYSICAL DESCRIPTION

Amorphous or crystalline, red to gray solid. [Note: Occurs as an impurity in most sulfide ores.]

## MOLECULAR WEIGHT

79.0

## BOILING POINT

1265°F

## MELTING POINT

392°F

## SOLUBILITY

Insoluble

## VAPOR PRESSURE

0 mmHg (approx)

## IONIZATION POTENTIAL

NA

## SPECIFIC GRAVITY

4.28

FLASH POINT

NA

UPPER EXPLOSIVE LIMIT

NA

LOWER EXPLOSIVE LIMIT

NA

Combustible Solid

INCOMPATIBILITIES & REACTIVITIES

Acids, strong oxidizers, chromium trioxide, potassium bromate, cadmium

EXPOSURE ROUTES

inhalation, ingestion, skin and/or eye contact

SYMPTOMS

irritation eyes, skin, nose, throat; visual disturbance; headache; chills, fever; dyspnea (breathing difficulty), bronchitis; metallic taste, garlic breath, gastrointestinal disturbance; dermatitis; eye, skin burns; In Animals: anemia; liver necrosis, cirrhosis; kidney, spleen damage

TARGET ORGANS

Eyes, skin, respiratory system, liver, kidneys, blood, spleen

## PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**No recommendation
**Wash skin:**When contaminated
**Remove:**When wet or contaminated
**Change:**No recommendation
**Provide:**Quick drench

## FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash immediately
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

## RESPIRATOR RECOMMENDATIONS

**NIOSH/OSHA**

**Up to 1 mg/m$^3$**:
(APF = 5) Any quarter-mask respirator.
Click here for information on selection of N, R, or P filters.*
(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100.
Click here for information on selection of N, R, or P filters.*/

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here for information on selection of N, R, or P filters.

(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.*
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.*
(APF = 10) Any supplied-air respirator*
(APF = 50) Any self-contained breathing apparatus with a full facepiece

**Emergency or planned entry into unknown concentrations or IDLH conditions:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

SEE ALSO

INTRODUCTION ICSC CARD: 0072

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# Tetrachloroethylene

SYNONYMS & TRADE NAMES

Perchlorethylene, Perchloroethylene, Perk, Tetrachlorethylene

CAS NO.

127-18-4

RTECS NO.

KX3850000

DOT ID & GUIDE

1897 160

FORMULA

$Cl_2C{=}CCl_2$

CONVERSION

1 ppm = 6.78 $mg/m^3$

IDLH

Ca [150 ppm]
See: 127184

EXPOSURE LIMITS

NIOSH REL
Ca Minimize workplace exposure concentrations. See Appendix A
OSHA PEL

TWA 100 ppm
C 200 ppm (for 5 minutes in any 3-hour period), with a maximum peak of 300 ppm
See Appendix G

## MEASUREMENT METHODS

**NIOSH** 1003;
**OSHA** 1001
See: NMAM or OSHA Methods

## PHYSICAL DESCRIPTION

Colorless liquid with a mild, chloroform-like odor.

## MOLECULAR WEIGHT

165.8

## BOILING POINT

250°F

## FREEZING POINT

-2°F

## SOLUBILITY

0.02%

## VAPOR PRESSURE

14 mmHg

## IONIZATION POTENTIAL

9.32 eV

## SPECIFIC GRAVITY

1.62

FLASH POINT

NA

UPPER EXPLOSIVE LIMIT

NA

LOWER EXPLOSIVE LIMIT

NA

Noncombustible Liquid, but decomposes in a fire to hydrogen chloride and phosgene.

INCOMPATIBILITIES & REACTIVITIES

Strong oxidizers; chemically-active metals such as lithium, beryllium & barium; caustic soda; sodium hydroxide; potash

EXPOSURE ROUTES

inhalation, skin absorption, ingestion, skin and/or eye contact

SYMPTOMS

irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen]

TARGET ORGANS

Eyes, skin, respiratory system, liver, kidneys, central nervous system

## CANCER SITE

[in animals: liver tumors]

## PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**When contaminated
**Remove:**When wet or contaminated
**Change:**No recommendation
**Provide:**Eyewash, Quick drench

## FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash promptly
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

## RESPIRATOR RECOMMENDATIONS

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

## SEE ALSO

INTRODUCTION ICSC CARD: 0076 MEDICAL TESTS: 0179

Page last reviewed: October 30, 2019

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ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

# TOTAL PETROLEUM HYDROCARBONS (TPH)

**Agency for Toxic Substances and Disease Registry ToxFAQs** **August 1999**

**This fact sheet answers the most frequently asked health questions (FAQs) about total petroleum hydrocarbons (TPH). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.**

**HIGHLIGHTS: TPH is a mixture of many different compounds. Everyone is exposed to TPH from many sources, including gasoline pumps, spilled oil on pavement, and chemicals used at home or work. Some TPH compounds can affect your nervous system, causing headaches and dizziness. TPH has been found in at least 23 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).**

## What are total petroleum hydrocarbons?

(Pronounced tōt′l pə-trō′lē-əm hī′drə-kär′bənz)

Total petroleum hydrocarbons (TPH) is a term used to describe a large family of several hundred chemical compounds that originally come from crude oil. Crude oil is used to make petroleum products, which can contaminate the environment. Because there are so many different chemicals in crude oil and in other petroleum products, it is not practical to measure each one separately. However, it is useful to measure the total amount of TPH at a site.

TPH is a mixture of chemicals, but they are all made mainly from hydrogen and carbon, called hydrocarbons. Scientists divide TPH into groups of petroleum hydrocarbons that act alike in soil or water. These groups are called petroleum hydrocarbon fractions. Each fraction contains many individual chemicals.

Some chemicals that may be found in TPH are hexane, jet fuels, mineral oils, benzene, toluene, xylenes, naphthalene, and fluorene, as well as other petroleum products and gasoline components. However, it is likely that samples of TPH will contain only some, or a mixture, of these chemicals.

## What happens to TPH when it enters the environment?

- TPH may enter the environment through accidents, from industrial releases, or as byproducts from commercial or private uses.
- TPH may be released directly into water through spills or leaks.
- Some TPH fractions will float on the water and form surface films.
- Other TPH fractions will sink to the bottom sediments.
- Bacteria and microorganisms in the water may break down some of the TPH fractions.
- Some TPH fractions will move into the soil where they may stay for a long time.

## How might I be exposed to TPH?

- Everyone is exposed to TPH from many sources.
- Breathing air at gasoline stations, using chemicals at home or work, or using certain pesticides.
- Drinking water contaminated with TPH.
- Working in occupations that use petroleum products.
- Living in an area near a spill or leak of petroleum products.
- Touching soil contaminated with TPH.

**ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html**

## How can TPH affect my health?

Some of the TPH compounds can affect your central nervous system. One compound can cause headaches and dizziness at high levels in the air. Another compound can cause a nerve disorder called "peripheral neuropathy," consisting of numbness in the feet and legs. Other TPH compounds can cause effects on the blood, immune system, lungs, skin, and eyes.

Animal studies have shown effects on the lungs, central nervous system, liver, and kidney from exposure to TPH compounds. Some TPH compounds have also been shown to affect reproduction and the developing fetus in animals.

## How likely is TPH to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that one TPH compound (benzene) is carcinogenic to humans. IARC has determined that other TPH compounds (benzo[a]pyrene and gasoline) are probably and possibly carcinogenic to humans. Most of the other TPH compounds are considered not to be classifiable by IARC.

## Is there a medical test to show whether I've been exposed to TPH?

There is no medical test that shows if you have been exposed to TPH. However, there are methods to determine if you have been exposed to some TPH compounds. Exposure to kerosene can be determined by its smell on the breath or clothing. Benzene can be measured in exhaled air and a breakdown product of benzene can be measured in urine. Other TPH compounds can be measured in blood, urine, breath, and some body tissues.

## Has the federal government made recommendations to protect human health?

There are no regulations or advisories specific to TPH. The following are recommendations for some of the TPH fractions and compounds:

The EPA requires that spills or accidental releases into the environment of 10 pounds or more of benzene be reported to the EPA.

The Occupational Safety and Health Administration has set an exposure limit of 500 parts of petroleum distillates per million parts of air (500 ppm) for an 8-hour workday, 40-hour workweek.

## Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Immune system: Body organs and cells that fight disease.

Pesticides: Chemicals used to kill pests.

## References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for total petroleum hydrocarbons (TPH). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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# Trichloroethylene

SYNONYMS & TRADE NAMES

Ethylene trichloride, TCE, Trichloroethene, Trilene

CAS NO.

79-01-6

RTECS NO.

KX4550000

DOT ID & GUIDE

1710 160

FORMULA

$ClCH{=}CCl_2$

CONVERSION

1 ppm = 5.37 $mg/m^3$

IDLH

Ca [1000 ppm]
See: 79016

EXPOSURE LIMITS

NIOSH REL
Ca See Appendix A See Appendix C
OSHA PEL

TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 2 hours) See Appendix G

MEASUREMENT METHODS

**NIOSH** 1022 , 3800;
**OSHA** 1001
See: NMAM or OSHA Methods

PHYSICAL DESCRIPTION

Colorless liquid (unless dyed blue) with a chloroform-like odor.

MOLECULAR WEIGHT

131.4

BOILING POINT

189°F

FREEZING POINT

-99°F

SOLUBILITY

0.1%

VAPOR PRESSURE

58 mmHg

IONIZATION POTENTIAL

9.45 eV

SPECIFIC GRAVITY

1.46

FLASH POINT

?

UPPER EXPLOSIVE LIMIT

(77°F): 10.5%

LOWER EXPLOSIVE LIMIT

(77°F): 8%

Combustible Liquid, but burns with difficulty.

INCOMPATIBILITIES & REACTIVITIES

Strong caustics & alkalis; chemically-active metals (such as barium, lithium, sodium, magnesium, titanium & beryllium)

EXPOSURE ROUTES

inhalation, skin absorption, ingestion, skin and/or eye contact

SYMPTOMS

irritation eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen]

TARGET ORGANS

Eyes, skin, respiratory system, heart, liver, kidneys, central nervous system

## CANCER SITE

[in animals: liver & kidney cancer]

## PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Prevent skin contact
**Eyes:**Prevent eye contact
**Wash skin:**When contaminated
**Remove:**When wet or contaminated
**Change:**No recommendation
**Provide:**Eyewash, Quick drench

## FIRST AID

(See procedures)
**Eye:**Irrigate immediately
**Skin:**Soap wash promptly
**Breathing:**Respiratory support
**Swallow:**Medical attention immediately

## RESPIRATOR RECOMMENDATIONS

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

## SEE ALSO

INTRODUCTION ICSC CARD: 0081 MEDICAL TESTS: 0236

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# Vinyl chloride

SYNONYMS & TRADE NAMES

Chloroethene, Chloroethylene, Ethylene monochloride, Monochloroethene, Monochloroethylene, VC, VCM, Vinyl chloride monomer (VCM)

CAS NO.

75-01-4

RTECS NO.

KU9625000

DOT ID & GUIDE

1086 116P(inhibited)

FORMULA

$CH_2=CHCl$

CONVERSION

1 ppm = 2.56 $mg/m^3$

IDLH

Ca [N.D.]
See: IDLH INDEX

EXPOSURE LIMITS

NIOSH REL
Ca See Appendix A

OSHA PEL

[1910.1017] TWA 1 ppm C 5 ppm [15-minute]

MEASUREMENT METHODS

**NIOSH** 1007;
**OSHA** 4 , 75
See: NMAM or OSHA Methods

PHYSICAL DESCRIPTION

Colorless gas or liquid (below 7°F) with a pleasant odor at high concentrations. [Note: Shipped as a liquefied compressed gas.]

MOLECULAR WEIGHT

62.5

BOILING POINT

7°F

FREEZING POINT

-256°F

SOLUBILITY

(77°F): 0.1%

VAPOR PRESSURE

3.3 atm

IONIZATION POTENTIAL

9.99 eV

FLASH POINT

NA (Gas)

UPPER EXPLOSIVE LIMIT

33.0%

LOWER EXPLOSIVE LIMIT

3.6%

RELATIVE GAS DENSITY

2.21

Flammable Gas

INCOMPATIBILITIES & REACTIVITIES

Copper, oxidizers, aluminum, peroxides, iron, steel [Note: Polymerizes in air, sunlight, or heat unless stabilized by inhibitors such as phenol. Attacks iron & steel in presence of moisture.]

EXPOSURE ROUTES

inhalation, skin and/or eye contact (liquid)

SYMPTOMS

lassitude (weakness, exhaustion); abdominal pain, gastrointestinal bleeding; enlarged liver; pallor or cyanosis of extremities; liquid: frostbite; [potential occupational carcinogen]

TARGET ORGANS

Liver, central nervous system, blood, respiratory system, lymphatic system

CANCER SITE

[liver cancer]

PERSONAL PROTECTION/SANITATION

(See protection codes)
**Skin:**Frostbite
**Eyes:**Frostbite
**Wash skin:**No recommendation
**Remove:**When wet (flammable)
**Change:**No recommendation
**Provide:**Frostbite wash

FIRST AID

(See procedures)
**Eye:**Frostbite
**Skin:**Frostbite
**Breathing:**Respiratory support

RESPIRATOR RECOMMENDATIONS

(See Appendix E)

**NIOSH**

**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

**Escape:**
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

SEE ALSO

INTRODUCTION ICSC CARD: 0082 MEDICAL TESTS: 0241

Page last reviewed: October 30, 2019

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Erin E. Chancellor, *Interim Executive Director*

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 14, 2023

Mr. Ryan Smigiel, Vice President of Real Estate
Southeastern Freight Lines, Inc.
420 Davega Drive
Lexington, South Carolina 29073

Via email

Re: 4001 Irving Blvd Property Site, located at 4001, 4003, and 4007 Irving Blvd. and 3918 and 3920 Halifax St., Dallas, Dallas County, TX; Voluntary Cleanup Program (VCP) No. 3185; Customer No. CN600596191; Regulated Entity No. RN102867058

Dear Mr. Smigiel:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the *Affected Property Assessment Report (APAR)*, dated December 20, 2022. Please prepare a written response to each of the following comments, referencing the assigned TCEQ comment number, unless otherwise specifically requested. The information in the TCEQ reference line above should be included in your response.

**Releases Subject to 30 Texas Administrative Code (TAC) Chapter 334 - Petroleum Storage Tank (PST) Rules**

1. The former 12,000-gallon diesel aboveground storage tank (AST) located at the site is subject to 30 TAC Chapter 334. Please submit a release determination report (RDR).

2. As previously conveyed in an e-mail dated March 2, 2023, the underground storage tank (UST) located near the west side of the Main Warehouse Building that collected fluids from floor drains is subject to 30 TAC Chapter 334 and requires submittal of an RDR.

3. Soil and groundwater re-sampling results from former UST or Leaking PST releases should be compared to the PST Target Concentrations. Please provide the data in separate tables using the correct comparison values.

4. In accordance with Texas Health and Safety Code §361.808(g) and because UST remediation is part of a federally authorized program (30 TAC Chapter 334), a Municipal Setting Designation (MSD) cannot be use used to close a Chapter 334-regulated release from a UST.

**Potential Source Areas**

5. ASTs with a capacity of 1,100 gallons or less are subject to Texas Risk Reduction Program (TRRP), 30 TAC 350. One small tank located in the center of the property (directly east of the 12,000-gallon diesel tank) does not appear to have been investigated as a potential source. Please collect soil samples for chemicals of concern (COCs) and if warranted, install a monitoring well.

**Soil Results**

6. TCEQ reviewed the synthetic precipitation leaching procedure (SPLP) results for arsenic and lead. Based on the SPLP analysis, arsenic and lead concentrations at the site appear protective of groundwater. Furthermore, no lead or arsenic has been detected in groundwater above the protective concentration levels (PCLs). Selenium in soil exceeds its soil-groundwater ingestion PCL and was not evaluated by SPLP.

7. The TCEQ reviewed the mixture specific total petroleum hydrocarbons (TPH) Tier 1 PCL calculations for B-6, B-10, B-15, B-17, and B-22. The results indicate a PCL for groundwater is not required for these TPH sources and that the TPH soil results do not exceed the mixture-specific calculated total soil combined PCL or air-soil inhalation PCL.

8. At other TPH source areas at the site, since the sources may be slightly different, the soil TPH should be evaluated by method TX1006 or by SPLP because of exceedances of both the residential and commercial/industrial TPH groundwater-ingestion PCLs. TCEQ notes that an MSD is proposed for the site; therefore, additional evaluation of the potable pathway for TPH may not be required. TCEQ notes that the only currently identified commercial/industrial TPH total-soil-combined PCL exceedance at the site appears to be at B-45 - 2870 mg/kg. All other currently identified TPH concentrations would appear to not exceed the residential total soil combined PCLs for TPH.

**Groundwater Results**

9. Groundwater results for MW-17 and TMW-52 do not exceed the commercial/industrial PCLS for TPH but exceed the residential TPH PCLs. You may wish to re-sample the groundwater in TMW-52 (if existing) and MW-17 for TPH by TX1005 or TX1006 to further evaluate the residential exceedance. Note that MSD eligibility could be affected by the results.

10. Based on the data provided, TCEQ concurs that polycyclic aromatic hydrocarbons (PAHs) in MW-1 are likely from an off-site source due to its proximity to the offsite tank pit. Furthermore, the soil samples collected on-site around MW-1 for PAHs were non-detect.

**Waste Management Units (WMU)**

11. WMU-001: Based on the information provided, it appears that the unit qualifies for closure. A separate closure letter will be provided.

12. WMU-002/WMU-003: Please provide additional information on whether the maintenance pit with standing water was adequately assessed. It is not clear if soil samples were taken at a depth below the bottom of the pit or within the pit bottom to investigate for a release.

13. WMU-004: Based on the information provided, it appears that the unit qualifies for closure. A separate closure letter will be provided.

A response to these comments should be submitted to my attention at the TCEQ at the letterhead address using mail code MC-221. Your response should be received within 90 days of the date of this letter. Please provide one paper copy and one electronic copy (on USB or disc) of all submittals. Note that the electronic and hard copies should be identical, complete copies. A Correspondence ID Form (TCEQ Form 20428) must accompany each document submitted to

the Remediation Division, and should be affixed to the front of your submittal. You may contact me with any questions at timothy.eckert@tceq.texas.gov or (512) 239-3044.

Sincerely,



Timothy Eckert, Project Manager
VCP-CA Section
Remediation Division
Texas Commission on Environmental Quality

cc: Andy Erickson, President, Schwob Companies, LLC (via email)
W. Leighton Lord III, Attorney, Nexsen Pruet, LLC (via email)
Jude Havens, Principal, Consolidated Consulting Group, LLC (via email)
Kyle Granby, Project Manager, Consolidated Consulting Group, LLC (via email)
Rick Mosman, Consultant, Consolidated Consulting Group, LLC (via email)
Erin Gorman, Waste Section Manager, TCEQ Region 4 Office, Fort Worth

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Erin E. Chancellor, *Interim Executive Director*

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

May 30, 2023

Mr. Ryan Smigiel, Vice President of Real Estate
Southeastern Freight Lines, Inc.
420 Davega Drive
Lexington, South Carolina 29073

Via email

Re: 4001 Irving Blvd Property Site, located at 4001, 4003, and 4007 Irving Blvd. and 3918 and 3920 Halifax St., Dallas, Dallas County, TX; Voluntary Cleanup Program (VCP) No. 3185; Customer No. CN600596191; Regulated Entity No. RN102867058

Dear Mr. Smigiel:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the April 13, 2023 letter entitled "Response to TCEQ letter dated March 14, 2023, prepared by Consolidated Consulting Group, LLC. Please review the following comments, which do not require a response.

**Releases Subject to 30 Texas Administrative Code (TAC) Chapter 334 - Petroleum Storage Tank (PST) Rules**

1. TCEQ acknowledges that release investigations will be conducted for the former 12,000-gallon diesel aboveground storage tank (AST) and floor drain interceptor underground storage tank. Please submit the Release Detection Reports to my attention.

**AST Investigation**

2. The TCEQ concurs with the proposed investigation for the two ASTs at the site with the exception that soil samples should be collected for the proposed chemicals of concern from within the former tank footprints, if the tanks have or will be removed. In addition, while TCEQ does not object to collecting samples for polycyclic aromatic hydrocarbons (PAHs) analysis, for ASTs subject to the PST rules, PAHs only need to be analyzed when there are total petroleum hydrocarbon (TPH) detections above the C6-C12 range. This would not apply to the 1,100-gallon diesel tank that is subject to the Texas Risk Reduction Program (TRRP) - soil samples should be analyzed for PAHs.

**Soil Results**

**3.** Comment No. 8 of the March 14, 2023 TCEQ letter should have said "TCEQ notes that with the proposed MSD, the only currently identified **residential** Total-Soil-Combined PCL exceedance at the site appears to be at B-45 - 2870 mg/kg TPH". The implication of this statement is that the site may qualify for residential standards if the TPH exceedance at B-45 is addressed to below residential standards. For instance, the exceedance could be excavated or otherwise remediated, or a TPH Tier 1 mixture protective concentration level (PCL) could be calculated that may show the existing concentration is protective.

**Groundwater Results**

4. Groundwater results for MW-17 and TMW-52 do not exceed the commercial/industrial PCLS for TPH but exceed the residential PCLs. TCEQ concurs that the source is unlikely to be related to a 30 TAC Chapter 334 PST release; therefore, the groundwater contamination at the site would be eligible for a Municipal Setting Designation (MSD).

**Waste Management Units (WMU)**

5. WMU-002/WMU-003 and WMU-004: Because of exceedances of the commercial soil to groundwater ingestion PCLs in the vicinity of these WMUs, the WMUs will only be eligible for closure upon the certification of the proposed MSD. Separate closure letters will be provided at that time. No further release investigation for these areas is required.

Future submittals should be submitted to my attention at the TCEQ at the letterhead address using mail code MC-221. Please provide one paper copy and one electronic copy (on USB or disc) of all submittals. Note that the electronic and hard copies should be identical, complete copies. A Correspondence ID Form (TCEQ Form 20428) must accompany each document submitted to the Remediation Division and should be affixed to the front of your submittal. You may contact me with any questions at timothy.eckert@tceq.texas.gov or (512) 239-3044.

Sincerely,



Timothy Eckert, Project Manager
VCP-CA Section
Remediation Division
Texas Commission on Environmental Quality

cc: Andy Erickson, President, Schwob Companies, LLC (via email)
W. Leighton Lord III, Attorney, Nexsen Pruet, LLC (via email)
Jude Havens, Principal, Consolidated Consulting Group, LLC (via email)
Kyle Granby, Project Manager, Consolidated Consulting Group, LLC (via email)
Rick Mosman, Consultant, Consolidated Consulting Group, LLC (via email)
Erin Gorman, Waste Section Manager, TCEQ Region 4 Office, Fort Worth

## ITEM 7: CONTAMINANT OF CONCERN – DESIGNATED GROUNDWATER

TPH has been detected in the designated groundwater at concentrations above applicable ingestion PCLs and are identified in Item 6 along with their associated chemical data sheets. The following table describes the maximum concentrations for each COC detected in groundwater at concentrations below their respective ingestion PCLs.

| COC: | Maximum Concentration Observed: (mg/l) | Sample ID: | TRRP Ingestion PCL: $^{GW}GW_{ING}$ (mg/l) [Without MSD] | TRRP Non-Ingestion PCL: $^{Air}GW_{Ing-V}$ (mg/l) [With MSD] |
|---|---|---|---|---|
| **RCRA 8 Metals** | | | | |
| Arsenic | 0.00950 | MW-14 (5/6/21) | **0.01** | **NSP** |
| Barium | 0.177 | MW-12 (5/5/21) | **2** | **NSP** |
| Cadmium | 0.000508 | MW-2 (5/4/21) | **0.005** | **NSP** |
| Chromium | 0.00216 | MW-6 (5/5/21) | **0.1** | **NSP** |
| Selenium | 0.0490 | MW-2 (5/4/21) | **0.05** | **NSP** |
| All other RCRA 8 Metal analytes are below laboratory sample detection limits | | | | |
| **Volatile Organic Compounds (VOCs)** | | | | |
| Acetone | 0.0140 | TMW-52 (2/7/22) | **22** | **1,000,000** |
| n-Butylbenzene | 0.00204 | MW-6 (12/22/20) | **1.2** | **NSP** |
| sec-Butylbenzene | 0.00136 | MW-6/MW-7 (12/22/20) | **0.98** | **NSP** |
| tert-Butylbenzene | 0.00106 | MW-7 (12/22/20) | **0.98** | **NSP** |
| 1,2-Dichlorobenzene | 0.00281 | MW-6 (12/22/20) | **0.60** | **1,200** |
| 1,3-Dichlorobenzene | 0.00178 | MW-6 (12/22/20) | **0.73** | **190** |
| 1,4-Dichlorobenzene | 0.00203 | MW-7 (12/22/20) | **0.075** | **17,000** |
| 1,1-Dichloroethane | 0.00122 | MW-15 (8/10/21) | **4.9** | **43,000** |
| cis-1,2-Dichloroethene | 0.00685 | MW-17 (2/8/22) | **0.07** | **1,200** |

| | | | | |
|---|---|---|---|---|
| 2-Butanone (MEK) | 0.0532 | MW-8 (12/22/20) | **15** | **1,000,000** |
| 4-Methyl-2-Pentanone (MIBK) | 0.000603 | MW-11* (5/5/21) | **2** | **670,000** |
| Methyl tert-butyl ether (MTBE) | 0.0200 | MW-2 (5/4/21) | **0.24** | **4,000** |
| n-Propylbenzene | 0.00148 | MW-7 (12/22/20) | **0.98** | **6,000** |
| p-Isopropyltoluene (Cymene) | 0.00149 | MW-7 (12/22/20) | **2.4** | **NSP** |
| 1,2,4-Trimethylbenzene | 0.00146 | MW-6 (12/22/20) | **0.83** | **4,900** |
| 1,3,5-Trimethylbenzene | 0.00209 | MW-6 (12/22/20) | **0.83** | **3,800** |
| Vinyl Chloride | 0.000320 | MW-17 (2/8/22) | **0.002** | **3.8** |
| All other VOC analytes are below laboratory sample detection limits | | | | |
| **Semi-Volatile Organic Compounds (SVOCs)/Polycyclic Aromatic Hydrocarbons (PAH)** | | | | |
| Benzo(b)fluoranthene | 0.000218 | MW-1* (5/4/21) | **0.0091** | **2,400** |
| Benzo(k)fluoranthene | 0.000259 | MW-1* (5/4/21) | **0.091** | **140,000** |
| Benzo(g,h,i)perylene | 0.000353 | MW-1* (5/4/21) | **0.73** | **NSP** |
| Chrysene | 0.000161 | MW-1* (5/4/21) | **0.91** | **860,000** |
| All other SVOC/PAH analytes are below laboratory sample detection limits or were detected above the ingestion PCLs. | | | | |
| **Polychlorinated Biphenyls (PCBs)** | | | | |
| All PCB analytes are below laboratory sample detection limits | | | | |

NSP = No standard published by the TCEQ

* = PST related sample location, not subject to TRRP.

# ITEM 8: CONTAMINANT OF CONCERN – TABLES

The following cumulative summary tables for each COC detected in soil and groundwater samples collected during environmental investigations as described in Item 16 are included in this Item:

- Table 1: Soil Analytical Summary Table (TRRP)
- Table 2: Soil Analytical Summary Table (PST)
- Table 3: Groundwater Analytical Summary Table (TRRP)
- Table 4: Groundwater Analytical Summary Table (PST)

The analytical data for TRRP and PST related releases are provided in separate analytical tables. The analytical summary tables include COCs detected in soil or groundwater, and the respective ingestion and non-ingestion PCLs for each. The critical PCLs are also presented. Additionally, the PST related analytical summary tables include the TCEQ PST Program Action Levels.

Following the implementation of the MSD for the Designated Property and an institutional control restricting the use of the Anchor Property to Commercial/Industrial, no COCs in soil and/or groundwater exceed their respective cPCLs.

# Item 8 Attachments

- Table 1: Soil Analytical Summary Table (TRRP)
- Table 2: Soil Analytical Summary Table (PST)
- Table 3: Groundwater Analytical Summary Table (TRRP)
- Table 4: Groundwater Analytical Summary Table (PST)

# Table 1: Soil Analytical Summary Table (TRRP)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | *MW-2 1-2' | *MW-3 0.5-1.5' | *MW-3 2-3' | *MW-4 9-10' | *MW-5 19-20' | *MW-6 2-3' | *MW-7 0-1' | *MW-8 0--1' | *B-1 0-1' | *B-1 4-5' | *B-2 0.5-1.5' | *B-2 2-3' | *B-3 0.5-1.5' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method SW6020A, 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | | **5.23** | **10.6** | **6.42** | | | **7.35** | 3.46 J | 3.80 J | **6.10** | | **9.78** | **7.88** | **8.71** | 5.9 | **5** | **24** | 200 |
| Barium | | 139 | 133 | | | | 158 | 103 | 42.6 | 211 | | 163 | | 162 | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | 0.151 J | 0.187 J | | | | 0.233 J | 0.170 J | 0.126 J | 0.204 J | | 0.208 J | N/A | 0.264 J | NSP | **1.5** | **52** | 810 |
| Chromium | Blank | 28.8 | 33.1 | | N/A | N/A | 36.7 | 13.9 | 8.27 | 51.8 | N/A | 32.5 | | 35.2 | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | **11.4** | **13.5** | NA | | | **15.9** | **7.96** | **11.5** | **17.3** | | **17.3** | **15.5** | **15.3** | 15 | **3** | **500** | 1,600 |
| Selenium | | 0.930 J | 1.15 J | | | | 1.39 J | 0.716 J | <0.491 | 1.54 J | | 1.37 J | | 1.42 J | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | <0.176 U | <0.181 U | | | | <0.178 U | <0.184 U | <0.157 U | <0.196 U | | <0.200 U | N/A | <0.209 U | NSP | **0.48** | **97** | 2,300 |
| Mercury | | 0.0200 J | 0.0216 J | | | | 0.0387 | 0.0287 | 0.0320 | 0.0175 J | | 0.0214 J | | 0.0173 J | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | *B-3 6-7' | *B-4 6-7' | *B-5 9-10' | *B-6 1-2' | *B-7 1-2' | *B-7 3-4' | Blank | *B-9 0-1' | *B-10 0-1' | *B-10 2-3' | *B-11 1-2' | *B-11 2-3' | Blank | *B-13 2-3' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method SW6020A, 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | | | | **8.63** | **8.61** | **5.97** | | **7.96** | **8.66** | **5.81** | **12.3** | **7.90** | | **7.69** | 5.9 | **5** | **24** | 200 |
| Barium | | | | 162 | 169 | | | 138 | 169 | | 103 | | | 173 | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | 0.204 J | 0.283 J | N/A | | 0.257 J | 0.279 J | N/A | 0.179 J | N/A | | 0.193 J | NSP | **1.5** | **52** | 810 |
| Chromium | N/A | N/A | N/A | 36.7 | 38.9 | | | 18.5 | 32.2 | | 26.3 | | | 39.2 | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | **14.5** | **16.8** | **10.2** | Blank | **19.7** | **23.8** | **11.5** | **20.3** | **13.2** | Blank | **14.6** | 15 | **3** | **500** | 1,600 |
| Selenium | | | | 1.17 J | 1.39 J | | | 1.12 J | 1.27 J | | 0.953 J | | | 1.32 J | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | <0.208 U | <0.212 U | N/A | | <0.198 U | <0.215 U | N/A | <0.174 U | N/A | | <0.210 U | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | 0.0115 J | 0.0210 J | | | 0.0227 J | 0.0274 | | 0.0272 | | | 0.0130 J | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | MW-9 2.5-5' | MW-9 30-31' | MW-9 35' | MW-10 2.5-5' | MW-10 32-33' | MW-10 40' | Blank | Blank | Blank | MW-12 2.5-5' | MW-12 31-32' | MW-12 40' | Blank | Blank | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | **5.37** | 2.88 | 3.33 | 4.16 | 1.61 J | 4.96 | | | | **9.70** | **7.94** | **5.02** | | | 5.9 | **5** | **24** | 200 |
| Barium | 146 | 29.3 | 21.0 | 112 | 38.1 | 19.9 | | | | 127 | 114 | 71.5 | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | 0.121 J | 0.118 J | 0.0837 J | 0.105 J | 0.0646 J | 0.0909 J | | | | 0.184 J | 0.180 J | 0.172 J | | | NSP | **1.5** | **52** | 810 |
| Chromium | 11.6 | 6.72 | 5.18 | 9.90 | 7.23 | 5.37 | Blank | Blank | Blank | 13.2 | 13.7 | 9.22 | Blank | Blank | 30 | **2,400** | **33,000** | 120,000 |
| Lead | **13.7** | **8.36** | **5.64** | **8.66** | **7.34** | **5.47** | | | | **19.2** | **11.8** | **11.5** | | | 15 | **3** | **500** | 1,600 |
| Selenium | <1.00 | <0.940 | <0.905 | <0.958 | <0.925 | <0.918 | | | | <1.05 | <0.972 | 1.48 J | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | <0.166 | <0.156 | <0.150 | <0.159 | <0.154 | <0.153 | | | | <0.174 | <0.162 | <0.158 | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | <0.0236 | <0.0222 | <0.0213 | <0.0226 | 0.0293 J | <0.0216 | | | | <0.0247 | <0.0229 | <0.0224 | | | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | Blank | MW-14 0-2.5' | MW-14 34-35' | MW-14 40' | MW-15 0-2.5' | MW-15 5-7.5' | MW-15 14' | MW-15 40' | MW-16 27.5-30' | MW-16 32.5-35' | MW-17 0-5' | MW-17 30-32.5' | MW-17 37.5-40' | Blank | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 5/4/2021 | 5/4/2021 | 5/4/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | | **11.7** | **8.62** | 2.42 J | | | | | | | | | | | 5.9 | **5** | **24** | 200 |
| Barium | | 95.9 | 188 J6 | 10.6 | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | 0.286 J | 0.134 J | <0.0583 | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | Blank | 8.02 | 8.68 | 3.38 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Blank | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | **22.0** | **9.53** | **3.55** | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | 1.22 J | 1.15 J | <0.946 | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | <0.150 | <0.154 | <0.157 | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | 0.0350 J | <0.0218 | <0.0223 | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

# Table 1: Soil Analytical Summary Table (TRRP)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | Blank | MW-19 2.5-5' | MW-19 30-32.5' | MW-19 32.5-35' | B-14 2-4' | B-14 8-10' | B-15 0-5' | B-15 8-10' | B-15 14-15' | B-16 0-2' | B-16 8-10' | B-17 0-2' | B-17 6-8' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/1/2022 | 2/1/2022 | 2/1/2022 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | Blank | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-18 0-2' | B-18 8-10' | B-19 0-2' | B-19 8-10' | B-20 0-2' | B-20 8-10' | B-21 2-4' | B-21 8-10' | B-22 0-2' | B-22 6-8' | B-23 2-4' | B-23 8-10' | B-24 2-4' | B-24 8-10' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-25 0-2' | B-25 8-10' | B-26 0-2' | B-26 8-10' | B-27 0-2' | B-27 8-10' | B-28 0-5' | B-28 8-10' | B-29 0-5' | B-29 8-10' | B-30 0-2' | B-30 8-10' | B-31 2-4 | B-31 6-8' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-32 2-4' | B-32 8-10' | B-33 0-2' | B-33 8-10' | B-33 12-15' | B-34 2.5-5' | B-35 2.5-5' | B-36 2.5-5' | B-37 2.5' | B-38 2.5' | B-39 1' | B-40 2.5' | B-41 5-7.5' | B-41 7.5-10' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **6.66** | **7.80** | N/A | N/A | N/A | N/A | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | 177 | 189 | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | 0.224 J | 0.246 J | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | 42.5 | 43.6 | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | **15.3** | **17.2** | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | <1.08 | <1.09 | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | <0.179 | <0.181 | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | <0.0254 | <0.0256 | | | | | 0.04 | **2.1** | **8.3** | 19 |

# Table 1: Soil Analytical Summary Table (TRRP)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-42 5-7.5' | B-42 7.5-10' | B-43 0-2.5' | B-43 7.5-10' | B-44 2.5-5' | B-44 7.5-10' | B-45 2.5-5' | B-45 7.5-10' | B-46 5-7.5' | B-46 7.5-10' | B-47 2.5-5' | B-47 7.5-10' | B-48 5-7.5' | B-48 7.5-10' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | **8.01** | **5.02** | **7.27** | **7.08** | **5.72** | **5.88** | 3.71 | **5.84** | 4.55 | **5.42** | 5.9 | **5** | **24** | 200 |
| Barium | | | | | 168 | 159 | 209 | 185 | 101 | 217 | 177 | 367 | 198 | 346 | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | 0.262 J | 0.193 J | 0.283 J | 0.319 J | 0.401 J | 0.295 J | 0.235 J | 0.151 J | 0.248 J | 0.195 J | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | 39.3 | 41.7 | 44.2 | 38.8 | 45.2 | 41.4 | 42.7 | 44.2 | 42.9 | 44.9 | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | **14.7** | **14.2** | **16.2** | **14.7** | **16.2** | **13.9** | **13.9** | **15.6** | **14.5** | **14.7** | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | <1.02 | <1.01 | <1.04 | <1.04 | <1.01 | <1.04 | <1.03 | <1.04 | <1.10 | <1.02 | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | <0.170 | <0.168 | <0.174 | <0.174 | <0.168 | <0.173 | <0.171 | <0.173 | <0.182 | <0.170 | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | <0.0241 | <0.0238 | <0.0246 | <0.0246 | <0.0238 | <0.0246 | <0.0242 | <0.0245 | <0.0258 | <0.0241 | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-49 2.5-5' | B-49 7.5-10' | B-50 2.5-5' | B-50 7.5-10' | B-51 0-2.5' | B-51 7.5-10' | B-52 5-7.5' | B-52 7.5-10' | B-52 17.5-20' | B-53 5-7.5' | B-53 7.5-10' | B-54 2.5-5' | B-54 7.5-10' | B-55 5-7.5' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.11 | 4.19 | 3.42 | 4.51 | 3.87 | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | | 105 | 307 | 120 | 129 | 147 | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | | 0.324 J | 0.312 J | 0.324 J | 0.409 J | 0.123 J | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | | 40.6 | 41.2 | 43.5 | 40.3 | 14.2 | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | | **14.7** | **16.5** | **16.4** | **14.2** | **10.6** | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | | <0.989 | 1.55 J | **3.89** | **2.42 J** | <1.03 | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | | <0.164 | <0.164 | <0.173 | <0.169 | <0.172 | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | | <0.0233 | <0.0232 | <0.0245 | <0.0239 | <0.0243 | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-55 7.5-10' | B-56 2.5-5' | B-56 7.5-10' | B-57 2' | B-58 0-2.5' | B-58 7.5-10' | B-59 0-2.5' | B-59 7.5-10' | B-60 0-2.5' | B-60 7.5-10' | B-61 0-2.5' | B-61 7.5-10' | B-62 0-2.5' | B-62 7.5-10' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | 4.56 | N/A | N/A | N/A | NOT PART OF THIS ASSESSMENT - OFF-SITE | | | | | | N/A | N/A | N/A | N/A | 5.9 | **5** | **24** | 200 |
| Barium | 157 | | | | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | 0.312 J | | | | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | 41.7 | | | | | | | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | **14.8** | | | | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | 1.68 J | | | | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | <0.168 | | | | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | <0.0237 | | | | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-63 2.5-5' | B-63 7.5-10' | B-64 0-2.5' | B-64 7.5-10' | B-65 0-2.5' | B-65 7.5-10' | B-66 2.5-5' | B-66 7.5-10' | B-67 2.5-5' | B-67 7.5-10' | B-68 2.5-5' | B-68 7.5-10' | B-69 0-2.5' | B-69 7.5-10' | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | N/A | N/A | **11.9** | 3.21 | 3.63 | 2.01 J | N/A | N/A | N/A | N/A | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | 128 | 263 | 164 | 254 | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | 0.239 J | 0.225 J | 0.200 J | 0.221 J | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | 20.3 | 42.3 | 36.4 | 40.3 | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | **19.4** | **13.0** | **11.1** | **10.9** | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | 1.60 J | <1.04 | <1.03 | <0.992 | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | <0.153 | <0.172 | <0.171 | <0.165 | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | <0.0217 | <0.0244 | <0.0243 | <0.0234 | | | | | 0.04 | **2.1** | **8.3** | 19 |

# Table 1: Soil Analytical Summary Table (TRRP)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | Blank | B-71 2.5-5' | B-71 10-12' | B-72 2.5-5' | B-72 7.5-10' | B-73 0-2.5' | B-73 7.5-10' | B-74 0-2.5' | B-74 7.5-10' | Blank | Blank | Blank | Blank | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 8/254/23 | 8/254/23 | 8/254/23 | 8/254/23 | | | | | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | | |
| **RCRA 8 Metals by EPA Method 6010B and 7471A** | | | | | | | | | | | | | | | | | | |
| Arsenic | Blank | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Blank | Blank | Blank | Blank | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

**Notes:**

Gray shaded values are above the Texas Specific Soil Background Concentrations

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

Borings related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/kg - milligrams per kilogram

NA - Not Analyzed

NSP - No Standard Published

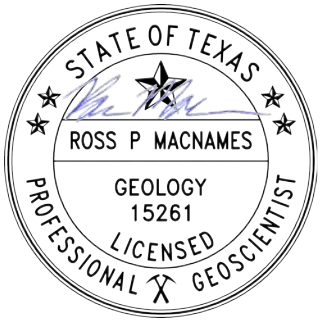
**Qualifiers (Modern Geosciences Samples):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-9 to MW-19 and SB-14 to SB-74):**

J: The identification of the analyte is acceptable; the reported value is an estimate




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | ***MW-2 1-2'** | ***MW-3 0.5-1.5'** | ***MW-3 2-3'** | ***MW-4 9-10'** | ***MW-5 19-20'** | ***MW-6 2-3'** | ***MW-7 0-1'** | ***MW-8 0--1'** | ***B-1 0-1'** | ***B-1 4-5'** | ***B-2 0.5-1.5'** | ***B-2 2-3'** | ***B-3 0.5-1.5'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | N/A | N/A | | N/A | N/A | N/A | N/A | | | N/A | N/A | | | **43** | **66,000** | 440,000 |
| Benzene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U,X | <0.00118 U | | | **0.026** | **120** | 240 |
| n-Butylbenzene | | 0.00158 B,J | 0.00252 B,J | | 0.00226 B,J | 0.00170 B,J | 0.00257 B,J | 0.00210 B,J | | | <0.00744 U | <0.00118 U | | | **150** | **3,300** | 34,000 |
| Sec-Butylbenzene | | 0.00106 B,J | 0.00154 B,J | | 0.00149 B,J | 0.00111 B,J | 0.00141 B,J | 0.00134 B,J | | | <0.00744 U | <0.00118 U | | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **100** | **3,300** | 41,000 |
| Chlorobenzene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U,X | <0.00118 U | | | **1.1** | **520** | 1,000 |
| Chloromethane | | <0.00163 U | <0.00197 U | | <0.00245 U | <0.00190 U | <0.00214 U | <0.00232 U | | | <0.0149 U,X | <0.00236 U | | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | 0.00224 B,J | <0.000985 U | | 0.00329 B,J | 0.00254 B,J | 0.00286 B,J | 0.00313 B,J | | | <0.00744 U,X | <0.00118 U | | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | 0.00137 B,J | <0.000985 U | | <0.00122 U | 0.00154 B,J | 0.00174 B,J | <0.00116 U | | | <0.00744 U,X | <0.00118 U | | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | 0.00157 B,J | <0.000985 U | | <0.00122 U | 0.00180 B,J | 0.00199 B,J | 0.00218 B,J | | | <0.00744 U,X | <0.00118 U | | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U,H,X | <0.00118 U,H | | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U,X | <0.00118 U | | | **0.25** | **140** | 790 |
| trans-1,2-dichloroethene | | <0.000815 U,L | <0.000985 U,L | | <0.00122 U,L | <0.000951 U,L | <0.00107 U,L | <0.00116 U,L | | | <0.00744 U,X | <0.00118 U | | | **0.49** | **590** | 1,200 |
| Ethylbenzene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | Blank | 0.00113 B,J | <0.000985 U | N/A | 0.00160 B,J | 0.00123 B,J | 0.00153 B,J | 0.00154 B,J | N/A | N/A | <0.00744 U | <0.00118 U | N/A | N/A | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | <0.00815 U | <0.00985 U | | <0.0122 U | <0.00951 U | <0.0107 U | <0.0116 U | | | <0.0744 U | <0.0118 U | | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | N/A | N/A | | N/A | N/A | N/A | N/A | | | N/A | N/A | | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **0.62** | **800** | 2,000 |
| Naphthalene | | <0.00163 U | <0.00197 U | | <0.00245 U | <0.00190 U | <0.00214 U | <0.00232 U | | | <0.0149 U | <0.00236 U | | | **31** | **220** | 360 |
| n-Propylbenzene | | 0.00113 B,J | 0.00155 B,J | | 0.00164 B,J | 0.00127 B,J | 0.00159 B,J | 0.00156 B,J | | | <0.00744 U | <0.00118 U | | | **45** | **2,200** | 7,300 |
| Styrene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U,X | <0.00118 U | | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | <0.00163 U | <0.00197 U | | <0.00245 U | <0.00190 U | <0.00214 U | <0.00232 U | | | <0.0149 U | <0.00236 U | | | **0.05** | **710** | 1,400 |
| Toluene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U,X | <0.00118 U | | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **0.02** | **18** | 35 |
| Trichloroethene | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | 0.00121 B,J | 0.00165 B,J | | 0.00171 B,J | 0.00133 B,J | 0.00289 B,J | 0.00174 B,J | | | <0.00744 U | <0.00118 U | | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | N/A | N/A | | N/A | N/A | N/A | N/A | | | N/A | N/A | | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | 0.00169 B,J | 0.00209 B,J | | 0.00248 B,J | 0.00194 B,J | 0.00260 B,J | 0.00241 B,J | | | <0.00744 U | <0.00118 U | | | **36** | **1500** | 4,300 |
| Vinyl Chloride | | <0.000326 U,L | <0.000394 U,L | | <0.000489 U,L | <0.000380 U,L | <0.000427 U,L | <0.000463 U,L | | | <0.00298 U,X | <0.000471 U | | | **0.022** | **3.7** | 15 |
| Total Xylenes | | <0.000815 U | <0.000985 U | | <0.00122 U | <0.000951 U | <0.00107 U | <0.00116 U | | | <0.00744 U | <0.00118 U | | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | ***B-3 6-7'** | ***B-4 6-7'** | ***B-5 9-10'** | ***B-6 1-2'** | ***B-7 1-2'** | ***B-7 3-4'** | **Blank** | ***B-9 0-1'** | ***B-10 0-1'** | ***B-10 2-3'** | ***B-11 1-2'** | ***B-11 2-3'** | **Blank** | ***B-13 2-3'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | N/A | N/A | N/A | N/A | N/A | | | N/A | N/A | | N/A | | | N/A | **43** | **66,000** | 440,000 |
| Benzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.00143 | <0.00157 U | | | 0.00195 | 0.0219 | | <0.000976 U | | | <0.00112 U | **0.026** | **120** | 240 |
| n-Butylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.129 | 0.0456 | | | 0.00945 | 0.0986 | | 0.00333 J | | | 0.00350 J | **150** | **3,300** | 34,000 |
| Sec-Butylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | 2.77 D | 0.0261 | | | 0.00433 J | <0.00138 U | | 0.00197 J | | | 0.00133 J | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **100** | **3,300** | 41,000 |
| Chlorobenzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.0840 | 0.00173 | | | 0.00195 J | <0.00138 U | | <0.000976 U | | | <0.00112 U | **1.1** | **520** | 1,000 |
| Chloromethane | <0.00207 U | <0.00218 U | <0.00199 U | <0.00240 U | <0.00315 U | | | <0.00203 U | 0.00369 J | | <0.00195 U | | | <0.00225 U | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.0134 | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.0293 | 0.00197 J | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | <0.00104 U,H | <0.00109 U,H | 0.0477 H | <0.00120 U,H | <0.00157 U,H | | | <0.00101 U,H | <0.00138 U,H | | <0.000976 U,H | | | <0.00112 U,H | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | 0.0105 | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **0.25** | **140** | 790 |
| trans-1,2-dichloroethene | 0.00467 J | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **0.49** | **590** | 1,200 |
| Ethylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.0970 | 0.00241 | | | 0.00207 | 0.470 | | <0.000976 U | | | 0.00454 | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | 0.0888 | 0.00558 J | | | 0.00161 J | 0.0753 | | <0.000976 U | | | <0.00112 U | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | N/A | Blank | <0.00101 U | 0.0200 | N/A | <0.000976 U | N/A | Blank | <0.00112 U | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | <0.0104 U | <0.0109 U | <0.00994 U | <0.0120 U | <0.0157 U | | | <0.0101 U | <0.0138 U | | <0.00976 U | | | <0.0112 U | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | N/A | N/A | N/A | N/A | N/A | | | N/A | N/A | | N/A | | | N/A | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **0.62** | **800** | 2,000 |
| Naphthalene | <0.00207 U | <0.00218 U | <0.00199 U | 0.0244 | 0.0723 | | | 0.0135 | 0.00975 J | | 0.00684 J | | | 0.0105 J | **31** | **220** | 360 |
| n-Propylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | 2.88 D | 0.0242 | | | 0.00951 | 1.59 D | | 0.00168 J | | | 0.00300 J | **45** | **2,200** | 7,300 |
| Styrene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | 0.00509 J | | <0.000976 U | | | <0.00112 U | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | <0.00207 U | <0.00218 U | <0.00199 U | <0.00240 U | <0.00315 U | | | <0.00203 U | <0.00277 U | | <0.00195 U | | | <0.00225 U | **0.05** | **710** | 1,400 |
| Toluene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | 0.00183 J | 0.0198 | | <0.000976 U | | | <0.00112 U | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **0.02** | **18** | 35 |
| Trichloroethene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | <0.00138 U | | <0.000976 U | | | <0.00112 U | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | 0.0219 | | <0.000976 U | | | <0.00112 U | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | N/A | N/A | N/A | N/A | N/A | | | N/A | N/A | | N/A | | | N/A | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | <0.00101 U | 0.00615 J | | <0.000976 U | | | <0.00112 U | **36** | **1500** | 4,300 |
| Vinyl Chloride | <0.000415 U | <0.00109 U | <0.000398 U | <0.000480 U | <0.000629 U | | | 0.00474 J | **0.0724** | | <0.000391 U | | | <0.000449 U | **0.022** | **3.7** | 15 |
| Total Xylenes | <0.00104 U | <0.00109 U | <0.000994 U | <0.00120 U | <0.00157 U | | | 0.00282 | 0.173 | | <0.000976 U | | | <0.00112 U | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **MW-9 2.5-5'** | **MW-9 30-31'** | **MW-9 35'** | **MW-10 2.5-5'** | **MW-10 32-33'** | **MW-10 40'** | **Blank** | **Blank** | **Blank** | **MW-12 2.5-5'** | **MW-12 31-32'** | **MW-12 40'** | **Blank** | **Blank** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | <0.0608 J4 | <0.0754 J4 | <0.0526 J4 | <0.0562 J4 | <0.0545 J4 | <0.0539 J4 | | | | <0.0642 J4 | <0.0589 J4 | <0.0566 J4 | | | **43** | **66,000** | 440,000 |
| Benzene | <0.000778 | <0.000964 | <0.000674 | <0.000719 | <0.000697 | <0.000689 | | | | <0.000821 | <0.000753 | <0.000724 | | | **0.026** | **120** | 240 |
| n-Butylbenzene | <0.00875 | <0.0108 | <0.00757 | <0.00809 | <0.00783 | <0.00775 | | | | <0.00923 | <0.00847 | <0.00814 | | | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | <0.00480 | <0.00595 | <0.00415 | <0.00444 | <0.00430 | <0.00425 | | | | <0.00507 | <0.00464 | <0.00447 | | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | <0.00325 | <0.00403 | <0.00281 | <0.00300 | <0.00291 | <0.00288 | | | | <0.00343 | <0.00314 | <0.00302 | | | **100** | **3,300** | 41,000 |
| Chlorobenzene | <0.000350 | <0.000434 | <0.000303 | <0.000324 | <0.000313 | <0.000310 | | | | <0.000369 | <0.000339 | <0.000326 | | | **1.1** | **520** | 1,000 |
| Chloromethane | <0.00725 | <0.00898 | <0.00627 | <0.00670 | <0.00649 | <0.00642 | | | | <0.00765 | <0.00701 | <0.00674 | | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | <0.000708 | <0.000878 | <0.000613 | <0.000655 | <0.000634 | <0.000627 | | | | <0.000748 | <0.000685 | <0.000659 | | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | <0.00100 | <0.00124 | <0.000865 | <0.000924 | <0.000895 | <0.000886 | | | | <0.00106 | <0.000967 | <0.000930 | | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | <0.00117 | <0.00145 | <0.00101 | <0.00108 | <0.00104 | <0.00103 | | | | <0.00123 | <0.00113 | <0.00109 | | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | <0.000818 | <0.00101 | <0.000708 | <0.000756 | <0.000733 | <0.000725 | | | | <0.000864 | <0.000792 | <0.000761 | | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | <0.00101 | <0.00125 | <0.000874 | <0.000934 | <0.000904 | <0.000894 | | | | <0.00107 | <0.000977 | <0.000940 | | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | <0.00122 | <0.00152 | <0.00106 | <0.00113 | <0.00110 | <0.00108 | | | | <0.00129 | <0.00118 | <0.00114 | | | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | <0.00173 | <0.00215 | <0.00150 | <0.00160 | <0.00155 | <0.00154 | | | | <0.00183 | <0.00168 | <0.00161 | | | **0.49** | **590** | 1,200 |
| Ethylbenzene | <0.00123 | <0.00152 | <0.00106 | <0.00114 | <0.00110 | <0.00109 | | | | <0.00130 | <0.00119 | <0.00114 | | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | <0.000708 | <0.000878 | <0.000613 | <0.000655 | <0.000634 | <0.000627 | Blank | Blank | Blank | <0.000748 | <0.000685 | <0.000659 | Blank | Blank | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | <0.00425 | <0.00527 | <0.00368 | <0.00393 | <0.00381 | <0.00376 | | | | 0.00799 J | <0.00411 | <0.00395 | | | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | 0.142 B,J | 0.258 B | 0.134 B,J | 0.150 B,J | 0.135 B,J | <0.0937 | | | | 0.120 B,J | 0.192 B | 0.143 B,J | | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | <0.00380 | <0.00471 | <0.00329 | <0.00351 | <0.00340 | <0.00337 | | | | <0.00401 | <0.00368 | <0.00353 | | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | <0.000583 | <0.000723 | <0.000505 | <0.000539 | <0.000522 | <0.000517 | | | | 0.000802 J | <0.000564 | <0.000543 | | | **0.62** | **800** | 2,000 |
| Naphthalene | <0.00813 | <0.0101 | <0.00704 | <0.00752 | <0.00728 | <0.00720 | | | | <0.00858 | <0.00787 | <0.00757 | | | **31** | **220** | 360 |
| n-Propylbenzene | <0.00158 | <0.00196 | <0.00137 | <0.00146 | <0.00142 | <0.00140 | | | | 0.00287 J | <0.00153 | <0.00147 | | | **45** | **2,200** | 7,300 |
| Styrene | <0.000381 | <0.000473 | <0.000330 | <0.000353 | <0.000342 | <0.000338 | | | | <0.000403 | <0.000369 | <0.000355 | | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | <0.00149 | <0.00185 | <0.00129 | <0.00138 | <0.00134 | <0.00132 | | | | <0.00158 | <0.00144 | <0.00139 | | | **0.05** | **710** | 1,400 |
| Toluene | <0.00217 | <0.00268 | <0.00188 | <0.00200 | <0.00194 | <0.00192 | | | | <0.00229 | <0.00210 | <0.00202 | | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | <0.000995 | <0.00123 | <0.000861 | <0.000920 | <0.000891 | <0.000881 | | | | <0.00105 | <0.000963 | <0.000926 | | | **0.02** | **18** | 35 |
| Trichloroethene | <0.000973 | <0.00121 | <0.000842 | <0.000900 | <0.000871 | <0.000862 | | | | <0.00103 | <0.000942 | <0.000905 | | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | <0.00263 | <0.00326 | <0.00228 | <0.00243 | <0.00236 | <0.00233 | | | | 0.0185 | <0.00255 | <0.00245 | | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | <0.00263 | <0.00326 | <0.00228 | <0.00243 | <0.00236 | <0.00233 | | | | 0.0106 | <0.00255 | <0.00245 | | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | <0.00333 | <0.00413 | <0.00288 | <0.00308 | <0.00298 | <0.00295 | | | | 0.00967 | <0.00322 | <0.00310 | | | **36** | **1500** | 4,300 |
| Vinyl Chloride | <0.00193 | <0.00240 | <0.00167 | <0.00179 | <0.00173 | <0.00171 | | | | <0.00204 | <0.00187 | <0.00180 | | | **0.022** | **3.7** | 15 |
| Xylenes, Total | <0.00147 | <0.00182 | <0.00127 | <0.00136 | <0.00131 | <0.00130 | | | | 0.00257 J | <0.00142 | <0.00136 | | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | **MW-14 0-2.5'** | **MW-14 34-35'** | **MW-14 40'** | **MW-15 0-2.5'** | **MW-15 5-7.5'** | **MW-15 14'** | **MW-15 40'** | **MW-16 27.5-30'** | **MW-16 32.5-35'** | **MW-17 0-5'** | **MW-17 30-32.5'** | **MW-17 37.5-40'** | **Blank** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 5/4/2021 | 5/4/2021 | 5/4/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | <0.0542 J3,J4 | <0.0533 J3,J4 | <0.0566 J3,J4 | | | | | <0.0599 | <0.0679 | <0.0671 | <0.0559 | <0.0585 | | **43** | **66,000** | 440,000 |
| Benzene | | <0.000694 | <0.000681 | <0.000725 | | | | | <0.000766 | <0.000869 | 0.00210 | <0.000715 | <0.000749 | | **0.026** | **120** | 240 |
| n-Butylbenzene | | <0.00780 | <0.00766 | <0.00815 | | | | | <0.00861 | <0.00977 | <0.00965 | <0.00804 | <0.00842 | | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | <0.00428 | <0.00420 | <0.00447 | | | | | <0.00472 | <0.00536 | <0.00530 | <0.00441 | <0.00462 | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | <0.00290 | <0.00285 | <0.00303 | | | | | <0.00320 | <0.00363 | <0.00359 | <0.00299 | <0.00313 | | **100** | **3,300** | 41,000 |
| Chlorobenzene | | <0.000312 | <0.000306 | <0.000326 | | | | | <0.000344 | <0.000391 | <0.000386 | <0.000322 | <0.000337 | | **1.1** | **520** | 1,000 |
| Chloromethane | | <0.00646 | <0.00635 | <0.00675 | | | | | <0.00713 | <0.00809 | <0.00800 | <0.00666 | <0.00698 | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | <0.000631 | <0.000620 | <0.000660 | | | | | <0.000697 | <0.000791 | <0.000781 | <0.000651 | <0.000682 | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | <0.000891 | <0.000876 | <0.000931 | | | | | <0.000984 | <0.00112 | <0.00110 | <0.000919 | <0.000962 | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | <0.00104 | <0.00102 | <0.00109 | | | | | <0.00115 | <0.00130 | <0.00129 | <0.00107 | <0.00112 | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | <0.000730 | <0.000716 | <0.000762 | | | | | <0.000805 | <0.000913 | <0.000903 | <0.000752 | <0.000788 | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | <0.000900 | <0.000884 | <0.000940 | | | | | <0.000994 | <0.00113 | <0.00111 | <0.000928 | <0.000972 | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | <0.00109 | <0.00107 | <0.00114 | | | | | <0.00120 | <0.00137 | <0.00135 | <0.00112 | <0.00118 | | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | <0.00155 | <0.00152 | <0.00161 | | | | | <0.00171 | <0.00193 | <0.00191 | <0.00159 | <0.00167 | | **0.49** | **590** | 1,200 |
| Ethylbenzene | | <0.00110 | <0.00108 | <0.00114 | | | | | <0.00121 | <0.00137 | <0.00136 | <0.00113 | <0.00118 | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | | <0.000631 | <0.000620 | <0.000660 | | | | | <0.000697 | <0.000791 | <0.000781 | <0.000651 | <0.000682 | | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | Blank | <0.00379 | <0.00372 | <0.00396 | N/A | N/A | N/A | N/A | <0.00418 | <0.00474 | <0.00469 | <0.00391 | <0.00409 | Blank | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | 0.165 | 0.141 J | 0.121 J | | | | | <0.104 | <0.118 | <0.117 | <0.0972 | <0.102 | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | <0.00339 | <0.00333 | <0.00354 | | | | | <0.00374 | <0.00424 | <0.00419 | <0.00349 | <0.00366 | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | <0.000520 | <0.000511 | <0.000543 | | | | | <0.000574 | <0.000651 | <0.000644 | <0.000536 | <0.000561 | | **0.62** | **800** | 2,000 |
| Naphthalene | | <0.00725 | <0.00712 | <0.00757 | | | | | <0.00800 J4 | <0.00908 J4 | <0.00897 J4 | <0.00747 J4 | <0.00783 J4 | | **31** | **220** | 360 |
| n-Propylbenzene | | <0.00141 | <0.00139 | <0.00147 | | | | | <0.00156 | <0.00177 | <0.00175 | <0.00145 | <0.00152 | | **45** | **2,200** | 7,300 |
| Styrene | | <0.000340 | <0.000334 | <0.000355 | | | | | <0.000376 | <0.000426 | <0.000421 | <0.000351 | <0.000367 | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | <0.00133 | <0.00131 | <0.00139 | | | | | <0.00147 | <0.00167 | <0.00165 | <0.00137 | <0.00144 | | **0.05** | **710** | 1,400 |
| Toluene | | <0.00193 | <0.00190 | <0.00202 | | | | | <0.00213 | <0.00242 | <0.00239 | <0.00199 | <0.00209 | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | <0.000887 | <0.000871 | <0.000926 | | | | | <0.000979 | <0.00111 | <0.00110 | <0.000914 | <0.000958 | | **0.02** | **18** | 35 |
| Trichloroethene | | <0.000868 | <0.000852 | <0.000906 | | | | | <0.000958 | <0.00109 | <0.00107 | <0.000894 | <0.000937 | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | <0.00235 | <0.00231 | <0.00245 | | | | | <0.00259 | <0.00294 | <0.00291 | <0.00242 | <0.00253 | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | <0.00235 | <0.00231 | <0.00245 | | | | | <0.00259 | <0.00294 | <0.00291 | <0.00242 | <0.00253 | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | <0.00297 | <0.00292 | <0.00310 | | | | | <0.00328 | <0.00372 | <0.00368 | <0.00306 | <0.00321 | | **36** | **1500** | 4,300 |
| Vinyl Chloride | | <0.00172 | <0.00169 | <0.00180 | | | | | <0.00190 | <0.00216 | <0.00213 | <0.00178 | <0.00186 | | **0.022** | **3.7** | 15 |
| Xylenes, Total | | <0.00131 | <0.00128 | <0.00137 | | | | | <0.00144 | <0.00164 | <0.00162 | <0.00135 | <0.00141 | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | **Blank** | **MW-19 2.5-5'** | **MW-19 30-32.5'** | **MW-19 32.5-35'** | **B-14 2-4'** | **B-14 8-10'** | **B-15 0-5'** | **B-15 8-10'** | **B-15 14-15'** | **B-16 0-2'** | **B-16 8-10'** | **B-17 0-2'** | **B-17 6-8'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/1/2022 | 2/1/2022 | 2/1/2022 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | Blank | Blank | <0.0646 | <0.0563 | <0.0557 | N/A | N/A | <0.0602 | <0.0598 | <0.0607 | N/A | N/A | <0.0632 | <0.0599 | **43** | **66,000** | 440,000 |
| Benzene | | | <0.000826 | <0.000721 | <0.000713 | | | 0.00234 | <0.000765 | <0.000777 | | | <0.000808 | <0.000767 | **0.026** | **120** | 240 |
| n-Butylbenzene | | | <0.00929 | <0.00810 | <0.00801 | | | 0.0249 | 0.0300 | <0.00873 | | | <0.00909 | 0.0289 | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | | <0.00510 | <0.00444 | <0.00439 | | | 0.0211 | 0.0259 | 0.00484 J | | | <0.00498 | <0.00473 | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | | <0.00345 | <0.00301 | <0.00298 | | | 0.00598 J | 0.00500 J | <0.00324 | | | <0.00337 | <0.00320 | **100** | **3,300** | 41,000 |
| Chlorobenzene | | | <0.000372 | <0.000324 | <0.000320 | | | <0.000346 | <0.000344 | <0.000349 | | | <0.000363 | <0.000345 | **1.1** | **520** | 1,000 |
| Chloromethane | | | <0.00770 | <0.00671 | <0.00664 | | | <0.00717 | <0.00713 | <0.00723 | | | <0.00753 | <0.00714 | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | | <0.000752 | <0.000656 | <0.000649 | | | <0.000701 | <0.000697 | <0.000707 | | | <0.000736 | <0.000698 | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | | <0.00106 | <0.000926 | <0.000916 | | | <0.000989 | <0.000983 | <0.000998 | | | <0.00104 | <0.000985 | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | | <0.00124 | <0.00108 | <0.00107 | | | <0.00115 | <0.00115 | <0.00116 | | | <0.00121 | <0.00115 | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | | <0.000869 | <0.000758 | <0.000749 | | | 0.00241 J | 0.0562 | 0.0995 | | | 0.182 | 0.726 | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | | <0.00107 | <0.000935 | <0.000925 | | | 0.0130 | 0.0295 | 0.0421 | | | <0.00105 | <0.000995 | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | | <0.00130 | <0.00113 | <0.00112 | | | <0.00121 | <0.00120 | <0.00122 | | | 0.0194 | 0.0402 | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | | <0.00184 | <0.00161 | <0.00159 | | | <0.00171 | <0.00170 | <0.00173 | | | <0.00180 | <0.00171 | **0.49** | **590** | 1,200 |
| Ethylbenzene | | | <0.00130 | <0.00114 | <0.00112 | | | 0.00241 J | <0.00121 | <0.00123 | | | <0.00128 | <0.00121 | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | | | <0.000752 | <0.000656 | <0.000649 | | | 0.00544 | 0.00746 | <0.000707 | | | <0.000736 | <0.000698 | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | | | <0.00451 | <0.00394 | <0.00389 | | | 0.110 | 0.0305 | <0.00424 | | | <0.00441 | 0.126 | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | | <0.112 | <0.0980 | <0.0969 | | | <0.105 | <0.104 | <0.106 | | | 0.127 B,J | 0.113 B,J | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | | <0.00403 | <0.00352 | <0.00348 | | | 0.00552 J | <0.00374 | <0.00379 | | | <0.00395 | <0.00374 | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | | <0.000619 | <0.000540 | <0.000534 | | | <0.000577 | <0.000574 | <0.000582 | | | <0.000606 | <0.000575 | **0.62** | **800** | 2,000 |
| Naphthalene | | | <0.00863 J4 | <0.00753 J4 | <0.00745 J4 | | | 0.111 | 0.107 | 0.0171 J | | | 0.0339 | 0.222 | **31** | **220** | 360 |
| n-Propylbenzene | | | <0.00168 | <0.00147 | <0.00145 | | | 0.0216 | 0.0329 | <0.00158 | | | <0.00164 | <0.00156 | **45** | **2,200** | 7,300 |
| Styrene | | | <0.000405 | <0.000353 | <0.000349 | | | <0.000378 | <0.000375 | <0.000381 | | | <0.000396 | <0.000376 | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | | <0.00159 | <0.00138 | <0.00137 | | | <0.00148 | <0.00147 | <0.00149 | | | <0.00155 | **0.0785** | **0.05** | **710** | 1,400 |
| Toluene | | | <0.00230 | <0.00201 | <0.00198 | | | 0.0237 | 0.00321 J | <0.00216 | | | <0.00225 | 0.00811 J | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | | <0.00106 | <0.000921 | <0.000911 | | | <0.000984 | <0.000978 | <0.000993 | | | <0.00103 | <0.000980 | **0.02** | **18** | 35 |
| Trichloroethene | | | <0.00103 | <0.000901 | <0.000891 | | | <0.000963 | 0.00885 | 0.00652 | | | 0.00602 | **0.0864** | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | | <0.00280 | <0.00244 | <0.00241 | | | 0.216 | 0.203 | 0.0127 | | | 0.00562 J | 0.0874 | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | | <0.00280 | <0.00244 | <0.00241 | | | 0.133 | 0.105 | 0.0126 | | | <0.00273 J4 | 0.0558 J4 | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | | <0.00354 | <0.00309 | <0.00305 | | | 0.171 | 0.124 | <0.00333 | | | <0.00346 | 0.0319 | **36** | **1500** | 4,300 |
| Vinyl Chloride | | | <0.00205 | <0.00179 | <0.00177 | | | <0.00191 | <0.00190 | <0.00193 | | | **0.0265** | **0.0420** | **0.022** | **3.7** | 15 |
| Xylenes, Total | | | <0.00156 | <0.00136 | <0.00134 | | | 0.0120 | 0.00277 J | <0.00146 | | | <0.00152 | 0.00929 J | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-18 0-2' | B-18 8-10' | B-19 0-2' | B-19 8-10' | B-20 0-2' | B-20 8-10' | B-21 2-4' | B-21 8-10' | B-22 0-2' | B-22 6-8' | B-23 2-4' | B-23 8-10' | B-24 2-4' | B-24 8-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | | | | | | | | | | | | | | **43** | **66,000** | 440,000 |
| Benzene | | | | | | | | | | | | | | | **0.026** | **120** | 240 |
| n-Butylbenzene | | | | | | | | | | | | | | | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | | | | | | | | | | | | | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | | | | | | | | | | | | | | **100** | **3,300** | 41,000 |
| Chlorobenzene | | | | | | | | | | | | | | | **1.1** | **520** | 1,000 |
| Chloromethane | | | | | | | | | | | | | | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | | | | | | | | | | | | | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | | | | | | | | | | | | | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | | | | | | | | | | | | | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | | | | | | | | | | | | | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | | | | | | | | | | | | | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | | | | | | | | | | | | | | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | | | | | | | | | | | | | | **0.49** | **590** | 1,200 |
| Ethylbenzene | | | | | | | | | | | | | | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | | | | | | | | | | | | | | | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | | | | | | | | | | | | | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | | | | | | | | | | | | | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | | | | | | | | | | | | | | **0.62** | **800** | 2,000 |
| Naphthalene | | | | | | | | | | | | | | | **31** | **220** | 360 |
| n-Propylbenzene | | | | | | | | | | | | | | | **45** | **2,200** | 7,300 |
| Styrene | | | | | | | | | | | | | | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | | | | | | | | | | | | | | **0.05** | **710** | 1,400 |
| Toluene | | | | | | | | | | | | | | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | | | | | | | | | | | | | | **0.02** | **18** | 35 |
| Trichloroethene | | | | | | | | | | | | | | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | | | | | | | | | | | | | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | | | | | | | | | | | | | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | | | | | | | | | | | | | | **36** | **1500** | 4,300 |
| Vinyl Chloride | | | | | | | | | | | | | | | **0.022** | **3.7** | 15 |
| Xylenes, Total | | | | | | | | | | | | | | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **B-25 0-2'** | **B-25 8-10'** | **B-26 0-2'** | **B-26 8-10'** | **B-27 0-2'** | **B-27 8-10'** | **B-28 0-5'** | **B-28 8-10'** | **B-29 0-5'** | **B-29 8-10'** | **B-30 0-2'** | **B-30 8-10'** | **B-31 2-4** | **B-31 6-8'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | | | | | | | | | | | | | | **43** | **66,000** | 440,000 |
| Benzene | | | | | | | | | | | | | | | **0.026** | **120** | 240 |
| n-Butylbenzene | | | | | | | | | | | | | | | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | | | | | | | | | | | | | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | | | | | | | | | | | | | | **100** | **3,300** | 41,000 |
| Chlorobenzene | | | | | | | | | | | | | | | **1.1** | **520** | 1,000 |
| Chloromethane | | | | | | | | | | | | | | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | | | | | | | | | | | | | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | | | | | | | | | | | | | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | | | | | | | | | | | | | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | | | | | | | | | | | | | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | | | | | | | | | | | | | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | | | | | | | | | | | | | | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | | | | | | | | | | | | | | **0.49** | **590** | 1,200 |
| Ethylbenzene | | | | | | | | | | | | | | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | | | | | | | | | | | | | | | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | | | | | | | | | | | | | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | | | | | | | | | | | | | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | | | | | | | | | | | | | | **0.62** | **800** | 2,000 |
| Naphthalene | | | | | | | | | | | | | | | **31** | **220** | 360 |
| n-Propylbenzene | | | | | | | | | | | | | | | **45** | **2,200** | 7,300 |
| Styrene | | | | | | | | | | | | | | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | | | | | | | | | | | | | | **0.05** | **710** | 1,400 |
| Toluene | | | | | | | | | | | | | | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | | | | | | | | | | | | | | **0.02** | **18** | 35 |
| Trichloroethene | | | | | | | | | | | | | | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | | | | | | | | | | | | | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | | | | | | | | | | | | | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | | | | | | | | | | | | | | **36** | **1500** | 4,300 |
| Vinyl Chloride | | | | | | | | | | | | | | | **0.022** | **3.7** | 15 |
| Xylenes, Total | | | | | | | | | | | | | | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-32 2-4' | B-32 8-10' | B-33 0-2' | B-33 8-10' | B-33 12-15' | B-34 2.5-5' | B-35 2.5-5' | B-36 2.5-5' | B-37 2.5' | B-38 2.5' | B-39 1' | B-40 2.5' | B-41 5-7.5' | B-41 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | | | | | | | | <0.0672 | <0.0777 | <0.0649 | <0.0785 | <0.0728 | <0.0651 | **43** | **66,000** | 440,000 |
| Benzene | | | | | | | | | <0.000860 | <0.000994 | <0.000830 | <0.00100 | <0.000932 | <0.000833 | **0.026** | **120** | 240 |
| n-Butylbenzene | | | | | | | | | <0.00967 | <0.0112 | <0.00933 | <0.0113 | <0.0105 | <0.00937 | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | | | | | | | | <0.00531 | <0.00613 | 0.00569 J | <0.00620 | 0.00914 J | <0.00514 | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | | | | | | | | <0.00359 | <0.00415 | 0.0106 | <0.00420 | <0.00389 | <0.00348 | **100** | **3,300** | 41,000 |
| Chlorobenzene | | | | | | | | | <0.000387 | <0.000447 | <0.000373 | <0.000452 | <0.000419 | <0.000375 | **1.1** | **520** | 1,000 |
| Chloromethane | | | | | | | | | <0.00801 | <0.00926 | <0.00773 | <0.00936 | <0.00868 | <0.00776 | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | | | | | | | | <0.000783 | <0.000905 | 0.00372 J | <0.000914 | <0.000848 | <0.000758 | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | | | | | | | | <0.00111 | <0.00128 | <0.00107 | <0.00129 | <0.00120 | <0.00107 | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | | | | | | | | <0.00129 | <0.00149 | <0.00124 | <0.00151 | <0.00140 | <0.00125 | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | | | | | | | | <0.000904 | <0.00104 | <0.000873 | <0.00106 | <0.000980 | <0.000876 | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | | | | | | | | <0.00112 | <0.00129 | <0.00108 | <0.00130 | <0.00121 | <0.00108 | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | | | | | | | | 0.00140 J | 0.00375 J | <0.00131 | 0.0152 | <0.00146 | 0.0195 | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | | | | | | | | <0.00192 | 0.00253 J | <0.00185 | <0.00224 | <0.00208 | <0.00186 | **0.49** | **590** | 1,200 |
| Ethylbenzene | | | | | | | | | <0.00136 | <0.00157 | <0.00131 | <0.00159 | <0.00147 | <0.00132 | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | <0.000783 | <0.000905 | 0.00425 J | <0.000914 | 0.00154 J | <0.000758 | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | | | | | | | | | <0.00470 | <0.00543 | <0.00453 | <0.00549 | <0.00509 | <0.00455 | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | | | | | | | | <0.117 | <0.135 | <0.113 | <0.137 | <0.127 | <0.113 | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | | | | | | | | <0.00420 | <0.00485 | <0.00405 | <0.00491 | <0.00455 | <0.00407 | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | | | | | | | | <0.000645 | <0.000745 | <0.000622 | <0.000753 | <0.000698 | <0.000625 | **0.62** | **800** | 2,000 |
| Naphthalene | | | | | | | | | <0.00899 | <0.0104 | <0.00868 | <0.0105 | <0.00974 | <0.00871 | **31** | **220** | 360 |
| n-Propylbenzene | | | | | | | | | <0.00175 | <0.00202 | 0.0123 | <0.00204 | <0.00190 | <0.00170 | **45** | **2,200** | 7,300 |
| Styrene | | | | | | | | | <0.000422 | <0.000487 | <0.000407 | <0.000493 | <0.000457 | <0.000409 | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | | | | | | | | <0.00165 | <0.00191 | <0.00159 | <0.00193 | <0.00179 | <0.00160 | **0.05** | **710** | 1,400 |
| Toluene | | | | | | | | | <0.00239 | <0.00277 | <0.00231 | <0.00280 | <0.00259 | <0.00232 | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | | | | | | | | <0.00110 | <0.00127 | <0.00106 | <0.00128 | <0.00119 | <0.00107 | **0.02** | **18** | 35 |
| Trichloroethene | | | | | | | | | <0.00108 | <0.00124 | <0.00104 | <0.00126 | <0.00117 | 0.00209 | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | | | | | | | | <0.00291 | <0.00336 | 0.0203 | <0.00340 | <0.00315 | <0.00282 | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | | | | | | | | <0.00291 J4 | <0.00336 J4 | 0.0141 J4 | <0.00340 J4 | <0.00315 J4 | <0.00282 J4 | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | | | | | | | | <0.00368 | <0.00426 | 0.00480 J | <0.00430 | <0.00399 | <0.00357 | **36** | **1500** | 4,300 |
| Vinyl Chloride | | | | | | | | | <0.00214 | 0.00875 | <0.00206 | <0.00250 | 0.00906 | **0.0230** | **0.022** | **3.7** | 15 |
| Xylenes, Total | | | | | | | | | <0.00162 | <0.00187 | 0.0103 J | <0.00189 | <0.00176 | <0.00157 | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **B-42 5-7.5'** | **B-42 7.5-10'** | **B-43 0-2.5'** | **B-43 7.5-10'** | **B-44 2.5-5'** | **B-44 7.5-10'** | **B-45 2.5-5'** | **B-45 7.5-10'** | **B-46 5-7.5'** | **B-46 7.5-10'** | **B-47 2.5-5'** | **B-47 7.5-10'** | **B-48 5-7.5'** | **B-48 7.5-10'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | <0.0782 | <0.0652 | <0.0739 | <0.0687 | <0.0641 | <0.0630 | <0.0669 | <0.0646 | <0.0660 | <0.0671 | <0.0619 | <0.0705 | <0.0691 | <0.0639 | **43** | **66,000** | 440,000 |
| Benzene | <0.00100 | <0.000834 | <0.000945 | <0.000879 | 0.00154 J | <0.000806 | 0.00630 | <0.000827 | <0.000844 | <0.000859 | <0.000792 | <0.000902 | <0.000884 | <0.000818 | **0.026** | **120** | 240 |
| n-Butylbenzene | <0.0112 | <0.00937 | <0.0106 | <0.00988 | 0.131 | <0.00906 | 0.0154 J | <0.00930 | <0.00949 | <0.00966 | <0.00890 | <0.0101 | <0.00994 | <0.00920 | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | <0.00617 | <0.00514 | <0.00583 | <0.00542 | 0.0571 | 0.00538 J | 0.00684 J | <0.00510 | <0.00520 | <0.00530 | <0.00488 | <0.00556 | <0.00545 | <0.00505 | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | <0.00418 | <0.00348 | <0.00395 | <0.00367 | 0.00495 J | <0.00337 | <0.00357 | <0.00345 | <0.00352 | <0.00359 | <0.00331 | <0.00376 | <0.00369 | <0.00342 | **100** | **3,300** | 41,000 |
| Chlorobenzene | <0.000450 | <0.000375 | <0.000425 | <0.000395 | <0.000369 | <0.000362 | <0.000385 | <0.000372 | <0.000380 | <0.000386 | <0.000356 | <0.000405 | <0.000397 | <0.000368 | **1.1** | **520** | 1,000 |
| Chloromethane | <0.00932 | <0.00777 | <0.00880 | <0.00819 | <0.00764 | <0.00751 | <0.00797 | <0.00770 | <0.00786 | <0.00800 | <0.00737 | <0.00840 | <0.00823 | <0.00762 | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | <0.000910 | <0.000759 | <0.000860 | <0.000800 | <0.000746 | <0.000733 | <0.000779 | <0.000753 | <0.000768 | <0.000782 | <0.000720 | <0.000821 | <0.000804 | <0.000744 | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | <0.00128 | <0.00107 | <0.00121 | <0.00113 | <0.00105 | <0.00104 | <0.00110 | <0.00106 | <0.00108 | <0.00110 | <0.00102 | <0.00116 | <0.00114 | <0.00105 | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | <0.00150 | <0.00125 | <0.00142 | <0.00132 | 0.00133 J | <0.00121 | <0.00128 | <0.00124 | <0.00127 | <0.00129 | <0.00119 | <0.00135 | <0.00132 | 0.00133 J | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | <0.00105 | <0.000877 | <0.000994 | <0.000924 | <0.000862 | <0.000847 | <0.000900 | <0.000870 | <0.000887 | <0.000903 | <0.000832 | <0.000948 | <0.000929 | <0.000860 | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | <0.00130 | 0.00973 | <0.00123 | <0.00114 | <0.00106 | <0.00105 | <0.00111 | <0.00107 | <0.00110 | <0.00111 | <0.00103 | <0.00117 | <0.00115 | <0.00106 | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | <0.00157 | **0.655** | <0.00149 | <0.00138 | <0.00129 | <0.00127 | <0.00135 | <0.00130 | <0.00133 | <0.00135 | <0.00124 | <0.00142 | <0.00139 | <0.00129 | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | <0.00223 | 0.0736 | <0.00210 | <0.00196 | <0.00183 | <0.00179 | <0.00191 | <0.00184 | <0.00188 | <0.00191 | <0.00176 | <0.00201 | <0.00197 | <0.00182 | **0.49** | **590** | 1,200 |
| Ethylbenzene | <0.00158 | <0.00132 | <0.00149 | <0.00139 | 0.00537 | <0.00127 | 0.277 | 0.00234 J | <0.00133 | <0.00136 | <0.00125 | <0.00142 | <0.00139 | <0.00129 | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | <0.000910 | <0.000759 | <0.000860 | <0.000800 | 0.00744 | 0.00102 J | 0.0420 | <0.000753 | <0.000768 | <0.000782 | <0.000720 | <0.000821 | <0.000804 | <0.000744 | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | <0.00546 | <0.00455 | <0.00516 | <0.00480 | <0.00448 | <0.00440 | 0.00669 J | <0.00452 | <0.00461 | <0.00469 | <0.00432 | <0.00492 | <0.00483 | <0.00447 | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | <0.136 | <0.113 | <0.129 | <0.120 | <0.111 | <0.110 | <0.116 | <0.112 | <0.115 | <0.117 | <0.108 | <0.123 | <0.120 | <0.111 | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | <0.00488 | <0.00407 | <0.00461 | <0.00429 | <0.00400 | <0.00393 | <0.00418 | <0.00404 | <0.00412 | <0.00419 | <0.00386 | <0.00440 | <0.00431 | <0.00399 | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | <0.000749 | <0.000625 | <0.000708 | <0.000659 | <0.000614 | <0.000604 | <0.000641 | <0.000620 | <0.000633 | 0.00287 | <0.000593 | <0.000676 | <0.000662 | <0.000613 | **0.62** | **800** | 2,000 |
| Naphthalene | <0.0104 | <0.00871 | <0.00988 | <0.00919 | 0.230 | <0.00842 | 0.0166 J | <0.00864 | <0.00882 | <0.00898 | <0.00827 | <0.00942 | <0.00924 | <0.00855 | **31** | **220** | 360 |
| n-Propylbenzene | <0.00203 | <0.00170 | <0.00192 | <0.00179 | 0.0134 | <0.00164 | 0.130 | 0.00221 J | <0.00172 | <0.00175 | <0.00161 | <0.00183 | <0.00180 | <0.00166 | **45** | **2,200** | 7,300 |
| Styrene | <0.000490 | <0.000409 | <0.000463 | <0.000431 | <0.000402 | <0.000395 | <0.000420 | <0.000406 | <0.000414 | <0.000421 | <0.000388 | <0.000442 | <0.000433 | <0.000401 | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | <0.00192 | <0.00160 | <0.00181 | <0.00169 | <0.00157 | <0.00155 | <0.00164 | <0.00159 | <0.00162 | <0.00165 | <0.00152 | <0.00173 | <0.00170 | <0.00157 | **0.05** | **710** | 1,400 |
| Toluene | <0.00278 | <0.00232 | <0.00263 | <0.00245 | <0.00228 | <0.00224 | <0.00238 | <0.00230 | <0.00235 | <0.00239 | <0.00220 | <0.00251 | <0.00246 | <0.00228 | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | <0.00128 | <0.00107 | <0.00121 | <0.00112 | <0.00105 | <0.00103 | <0.00109 | <0.00106 | <0.00108 | <0.00110 | <0.00101 | <0.00115 | <0.00113 | <0.00105 | **0.02** | **18** | 35 |
| Trichloroethene | <0.00125 | 0.0227 | <0.00118 | <0.00110 | <0.00103 | <0.00101 | <0.00107 | <0.00103 | <0.00106 | <0.00107 | <0.000990 | <0.00113 | <0.00111 | <0.00102 | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | <0.00338 | <0.00282 | <0.00320 | <0.00297 | <0.00277 | <0.00273 | 0.799 | 0.0134 | <0.00286 | <0.00291 | <0.00268 | <0.00305 | <0.00299 J4 | <0.00277 | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | <0.00338 J4 | <0.00282 J4 | <0.00320 | <0.00297 | 0.0623 | <0.00273 | 0.189 | 0.00404 J | <0.00286 | <0.00291 | <0.00268 | <0.00305 | <0.00299 | <0.00277 | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | <0.00428 | <0.00357 | <0.00405 | <0.00376 | <0.00351 | <0.00345 | 0.249 | 0.00420 J | <0.00361 | <0.00368 | <0.00339 | <0.00386 | <0.00379 | <0.00350 | **36** | **1500** | 4,300 |
| Vinyl Chloride | <0.00248 | **0.113** | <0.00235 | <0.00218 | <0.00204 | <0.00200 | <0.00213 | <0.00205 | <0.00210 | <0.00213 | <0.00197 | <0.00224 | <0.00220 | <0.00203 | **0.022** | **3.7** | 15 |
| Xylenes, Total | <0.00188 | <0.00157 | <0.00178 | <0.00166 | <0.00154 | <0.00152 | 1.16 | 0.00636 J | <0.00159 | <0.00162 | <0.00149 | <0.00170 | <0.00167 | <0.00154 | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-49 2.5-5' | B-49 7.5-10' | B-50 2.5-5' | B-50 7.5-10' | B-51 0-2.5' | B-51 7.5-10' | B-52 5-7.5' | B-52 7.5-10' | B-52 17.5-20' | B-53 5-7.5' | B-53 7.5-10' | B-54 2.5-5' | B-54 7.5-10' | B-55 5-7.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | <0.0600 | <0.0731 | <0.0708 | <0.0670 | 0.0885 | <0.0601 | <0.0642 | <0.0605 | <0.0778 | <0.0602 | <0.0588 | <0.0740 | <0.0798 | <0.0637 | **43** | **66,000** | 440,000 |
| Benzene | 0.00144 J | <0.000936 | 0.00970 | 0.00213 | 0.00192 | <0.000769 | <0.000821 | <0.000774 | 0.00473 | <0.000771 | <0.000752 | <0.000947 | <0.00102 | <0.000815 | **0.026** | **120** | 240 |
| n-Butylbenzene | <0.00863 | <0.0105 | 0.0237 J | <0.00964 | <0.00854 | <0.00865 | 0.0310 | <0.00870 | 0.452 | <0.00866 | <0.00845 | <0.0106 | <0.0115 | <0.00916 | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | <0.00474 | <0.00577 | 0.0316 | <0.00529 | <0.00468 | <0.00475 | 0.0204 J | <0.00477 | 0.201 | <0.00475 | <0.00464 | <0.00584 | <0.00629 | <0.00503 | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | <0.00321 | <0.00391 | 0.0147 | <0.00358 | <0.00317 | <0.00321 | <0.00343 | <0.00323 | <0.00416 | <0.00322 | <0.00314 | <0.00395 | <0.00426 | <0.00340 | **100** | **3,300** | 41,000 |
| Chlorobenzene | <0.000345 | <0.000421 | <0.000407 | <0.000386 | <0.000342 | <0.000346 | <0.000369 | <0.000348 | <0.000448 | <0.000347 | <0.000338 | <0.000426 | <0.000459 | <0.000366 | **1.1** | **520** | 1,000 |
| Chloromethane | <0.00715 | <0.00872 | <0.00844 | <0.00799 | <0.00708 | <0.00717 | <0.00765 | <0.00721 | <0.00927 | <0.00718 | <0.00700 | <0.00882 | <0.00951 | <0.00759 | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | <0.000699 | <0.000852 | <0.000824 | <0.000780 | <0.000691 | <0.000700 | <0.000748 | <0.000705 | <0.000906 | <0.000701 | <0.000684 | <0.000862 | <0.000929 | <0.000742 | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | <0.000987 | <0.00120 | <0.00116 | <0.00110 | <0.000976 | <0.000989 | <0.00106 | <0.000995 | <0.00128 | <0.000990 | <0.000966 | <0.00122 | <0.00131 | <0.00105 | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | <0.00115 | <0.00140 | <0.00136 | <0.00129 | <0.00114 | <0.00115 | <0.00123 | <0.00116 | <0.00149 | <0.00116 | <0.00113 | <0.00142 | <0.00153 | <0.00122 | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | <0.000808 | <0.000984 | <0.000952 | <0.000901 | <0.000799 | <0.000809 | <0.000864 | <0.000814 | <0.00105 | <0.000810 | <0.000791 | <0.000996 | <0.00107 | <0.000857 | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | <0.000997 | <0.00121 | <0.00118 | <0.00111 | <0.000986 | <0.000999 | <0.00107 | <0.00100 | <0.00129 | <0.00100 | <0.000976 | <0.00123 | <0.00132 | <0.00106 | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | <0.00121 | <0.00147 | <0.00142 | <0.00135 | <0.00119 | <0.00121 | <0.00129 | <0.00122 | <0.00156 | <0.00121 | <0.00118 | <0.00149 | <0.00160 | <0.00128 | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | <0.00171 | <0.00208 | <0.00202 | <0.00191 | <0.00169 | <0.00171 | <0.00183 | <0.00172 | <0.00222 | <0.00172 | <0.00167 | <0.00211 | <0.00227 | <0.00181 | **0.49** | **590** | 1,200 |
| Ethylbenzene | 0.00650 | <0.00148 | 0.00196 J | <0.00135 | <0.00120 | <0.00121 | <0.00130 | <0.00122 | 0.0228 | <0.00122 | <0.00119 | <0.00149 | <0.00161 | <0.00129 | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | 0.00227 J | <0.000852 | 0.00605 | <0.000780 | <0.000691 | <0.000700 | 0.00770 | <0.000705 | 0.375 | <0.000701 | <0.000684 | <0.000862 | <0.000929 | <0.000742 | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | <0.00419 | <0.00511 | <0.00495 | <0.00468 | <0.00415 | <0.00420 | <0.00449 | <0.00423 | <0.00543 | <0.00421 | <0.00411 | <0.00517 | <0.00557 | <0.00445 | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | <0.104 | <0.127 | <0.123 | <0.117 | <0.103 | <0.105 | <0.112 | <0.105 | <0.135 | <0.105 | <0.102 | <0.129 | <0.139 | <0.111 | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | <0.00375 | <0.00457 | <0.00442 | <0.00419 | <0.00371 | <0.00376 | 0.0752 | <0.00378 | <0.00486 | <0.00376 | <0.00367 | <0.00462 | <0.00498 | <0.00398 | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | <0.000576 | <0.000701 | <0.000679 | <0.000643 | <0.000569 | <0.000577 | <0.000616 | <0.000580 | 0.00307 | <0.000578 | <0.000564 | <0.000710 | <0.000765 | <0.000611 | **0.62** | **800** | 2,000 |
| Naphthalene | <0.00803 | <0.00978 | 0.0287 | <0.00896 | <0.00794 | <0.00804 | <0.00858 | <0.00809 | 0.857 | <0.00805 | <0.00786 | <0.00989 | <0.0107 | <0.00852 | **31** | **220** | 360 |
| n-Propylbenzene | 0.00344 J | <0.00190 | 0.0148 | <0.00174 | <0.00155 | <0.00157 | 0.0443 | <0.00157 | 1.67 | <0.00157 | <0.00153 | <0.00193 | <0.00208 | <0.00166 | **45** | **2,200** | 7,300 |
| Styrene | <0.000377 | <0.000459 | <0.000444 | <0.000420 | <0.000373 | <0.000377 | <0.000403 | <0.000380 | <0.000488 | <0.000378 | <0.000369 | <0.000464 | <0.000501 | <0.000400 | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | <0.00147 | <0.00180 | <0.00174 | <0.00164 | <0.00146 | <0.00148 | <0.00158 | <0.00149 | <0.00191 | <0.00148 | <0.00144 | <0.00182 | <0.00196 | <0.00156 | **0.05** | **710** | 1,400 |
| Toluene | <0.00214 | <0.00260 | <0.00252 | <0.00239 | <0.00211 | <0.00214 | <0.00229 | <0.00216 | <0.00277 | <0.00215 | <0.00209 | <0.00264 | <0.00284 | <0.00227 | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | <0.000982 | <0.00120 | <0.00116 | <0.00110 | <0.000971 | <0.000984 | <0.00105 | <0.000990 | <0.00127 | <0.000985 | <0.000961 | <0.00121 | <0.00130 | <0.00104 | **0.02** | **18** | 35 |
| Trichloroethene | <0.000960 | <0.00117 | <0.00113 | <0.00107 | <0.000950 | <0.000962 | <0.00103 | <0.000968 | <0.00124 | <0.000964 | <0.000940 | <0.00118 | <0.00128 | <0.00102 | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | 0.0189 | <0.00317 | <0.00306 | <0.00290 | <0.00257 | <0.00260 | <0.00278 | <0.00262 | 0.00575 J | <0.00261 | <0.00254 | <0.00320 | <0.00345 | <0.00276 | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | 0.0194 | <0.00317 | <0.00306 | <0.00290 | <0.00257 | <0.00260 | <0.00278 | <0.00262 | 0.00590 J | <0.00261 | <0.00254 | <0.00320 | <0.00345 | <0.00276 | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | <0.00329 | <0.00401 | <0.00388 | <0.00367 | <0.00325 | <0.00330 | <0.00352 | <0.00332 | <0.00426 | <0.00330 | <0.00322 | <0.00406 | <0.00437 | <0.00349 | **36** | **1500** | 4,300 |
| Vinyl Chloride | <0.00191 | <0.00232 | <0.00225 | <0.00213 | <0.00189 | <0.00191 | <0.00204 | <0.00192 | <0.00247 | <0.00191 | <0.00187 | <0.00235 | <0.00254 | <0.00202 | **0.022** | **3.7** | 15 |
| Xylenes, Total | 0.00686 J | <0.00176 | <0.00171 | <0.00162 | 0.00203 J | <0.00145 | <0.00155 | <0.00146 | 0.00829 J | <0.00145 | <0.00142 | <0.00178 | <0.00192 | <0.00154 | **120** | **6,000** | 12,000 |

All other VOC analytes are below laboratory sample detection limits

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **B-55 7.5-10'** | **B-56 2.5-5'** | **B-56 7.5-10'** | **B-57 2'** | **B-58 0-2.5'** | **B-58 7.5-10'** | **B-59 0-2.5'** | **B-59 7.5-10'** | **B-60 0-2.5'** | **B-60 7.5-10'** | **B-61 0-2.5'** | **B-61 7.5-10'** | **B-62 0-2.5'** | **B-62 7.5-10'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | <0.0620 | <0.0691 J4 | <0.0628 J4 | <0.0553 J4 | NOT PART OF THIS ASSESSMENT - OFF-SITE | | | | | | N/A | N/A | N/A | N/A | **43** | **66,000** | 440,000 |
| Benzene | <0.000793 | <0.000885 | <0.000804 | <0.000708 | | | | | | | | | | | **0.026** | **120** | 240 |
| n-Butylbenzene | <0.00891 | <0.00995 | <0.00904 | <0.00796 | | | | | | | | | | | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | <0.00489 | <0.00546 | <0.00496 | <0.00436 | | | | | | | | | | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | <0.00331 | <0.00369 | <0.00336 | <0.00296 | | | | | | | | | | | **100** | **3,300** | 41,000 |
| Chlorobenzene | <0.000357 | <0.000398 | <0.000362 | <0.000318 | | | | | | | | | | | **1.1** | **520** | 1,000 |
| Chloromethane | <0.00738 | <0.00824 | <0.00749 | <0.00659 | | | | | | | | | | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | <0.000722 | <0.000805 | <0.000732 | <0.000644 | | | | | | | | | | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | <0.00102 | <0.00114 | <0.00103 | <0.000909 | | | | | | | | | | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | <0.00119 | <0.00133 | <0.00121 | <0.00106 | | | | | | | | | | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | <0.000834 | <0.000930 | <0.000845 | <0.000744 | | | | | | | | | | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | <0.00103 | <0.00115 | <0.00104 | <0.000918 | | | | | | | | | | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | <0.00125 | <0.00139 | <0.00126 | <0.00111 | | | | | | | | | | | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | <0.00177 | <0.00197 | <0.00179 | <0.00158 | | | | | | | | | | | **0.49** | **590** | 1,200 |
| Ethylbenzene | <0.00125 | <0.00140 | <0.00127 | <0.00112 | | | | | | | | | | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | <0.000722 | <0.000805 | <0.000732 | <0.000644 | | | | | | | | | | | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | <0.00433 | <0.00483 | <0.00439 | <0.00386 | | | | | | | | | | | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | <0.108 | <0.120 | <0.109 | <0.0962 | | | | | | | | | | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | <0.00387 | <0.00432 | <0.00393 | <0.00346 | | | | | | | | | | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | <0.000594 | <0.000663 | <0.000603 | <0.000530 | | | | | | | | | | | **0.62** | **800** | 2,000 |
| Naphthalene | <0.00828 | <0.00925 | <0.00840 | <0.00740 | | | | | | | | | | | **31** | **220** | 360 |
| n-Propylbenzene | <0.00161 | <0.00180 | <0.00164 | <0.00144 | | | | | | | | | | | **45** | **2,200** | 7,300 |
| Styrene | <0.000389 | <0.000434 | <0.000394 | <0.000347 | | | | | | | | | | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | <0.00152 | <0.00170 | <0.00154 | <0.00136 | | | | | | | | | | | **0.05** | **710** | 1,400 |
| Toluene | <0.00221 | <0.00246 | <0.00224 | <0.00197 | | | | | | | | | | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | <0.00101 | <0.00113 | <0.00103 | <0.000905 | | | | | | | | | | | **0.02** | **18** | 35 |
| Trichloroethene | <0.000991 | <0.00111 | <0.00101 | <0.000885 | | | | | | | | | | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | <0.00268 | <0.00299 | <0.00272 | <0.00239 | | | | | | | | | | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | <0.00268 | <0.00299 | <0.00272 | <0.00239 | | | | | | | | | | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | <0.00340 | <0.00379 | <0.00344 | <0.00303 | | | | | | | | | | | **36** | **1500** | 4,300 |
| Vinyl Chloride | <0.00197 | <0.00220 | <0.00200 | <0.00176 | | | | | | | | | | | **0.022** | **3.7** | 15 |
| Xylenes, Total | <0.00149 | <0.00167 | <0.00152 | <0.00133 | | | | | | | | | | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **B-63 2.5-5'** | **B-63 7.5-10'** | **B-64 0-2.5'** | **B-64 7.5-10'** | **B-65 0-2.5'** | **B-65 7.5-10'** | **B-66 2.5-5'** | **B-66 7.5-10'** | **B-67 2.5-5'** | **B-67 7.5-10'** | **B-68 2.5-5'** | **B-68 7.5-10'** | **B-69 0-2.5'** | **B-69 7.5-10'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | | | | | | 0.0850 J4 | <0.0652 J4 | <0.0638 J4 | <0.0611 J4 | | | <0.0714 J4 | <0.0823 J4 | **43** | **66,000** | 440,000 |
| Benzene | | | | | | | 0.000681 J | <0.000834 | 0.000990 J | <0.000782 | | | 0.00219 | <0.00105 | **0.026** | **120** | 240 |
| n-Butylbenzene | | | | | | | <0.00755 | <0.00938 | <0.00918 | <0.00879 | | | <0.0103 | <0.0118 | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | | | | | | <0.00414 | <0.00514 | <0.00504 | <0.00482 | | | <0.00563 | <0.00649 | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | | | | | | <0.00281 | <0.00348 | <0.00341 | <0.00326 | | | <0.00381 | <0.00440 | **100** | **3,300** | 41,000 |
| Chlorobenzene | | | | | | | <0.000302 | <0.000375 | <0.000367 | <0.000351 | | | <0.000411 | <0.000473 | **1.1** | **520** | 1,000 |
| Chloromethane | | | | | | | <0.00626 | <0.00777 | <0.00761 | <0.00728 | | | <0.00851 | <0.00981 | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | | | | | | <0.000611 | <0.000759 | <0.000743 | <0.000711 | | | <0.000831 | <0.000958 | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | | | | | | <0.000863 | <0.00107 | <0.00105 | <0.00100 | | | <0.00117 | <0.00135 | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | | | | | | <0.00101 | <0.00125 | <0.00122 | <0.00117 | | | <0.00137 | <0.00158 | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | | | | | | <0.000706 | <0.000877 | <0.000859 | <0.000822 | | | <0.000960 | <0.00111 | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | | | | | | <0.000872 | <0.00108 | <0.00106 | <0.00101 | | | <0.00119 | <0.00137 | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | | | | | | <0.00106 | <0.00131 | <0.00128 | <0.00123 | | | <0.00144 | <0.00165 | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | | | | | | <0.00150 | <0.00186 | <0.00182 | <0.00174 | | | <0.00203 | <0.00234 | **0.49** | **590** | 1,200 |
| Ethylbenzene | | | | | | | <0.00106 | <0.00132 | <0.00129 | <0.00123 | | | <0.00144 | <0.00166 | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | N/A | N/A | N/A | N/A | N/A | N/A | <0.000611 | <0.000759 | <0.000743 | <0.000711 | N/A | N/A | <0.000831 | <0.000958 | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | | | | | | | <0.00367 | <0.00455 | <0.00446 | <0.00427 | | | <0.00499 | <0.00575 | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | | | | | | <0.0914 | <0.113 | <0.111 | <0.106 | | | <0.124 | <0.143 | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | | | | | | <0.00328 | <0.00407 | <0.00399 | <0.00382 | | | <0.00446 | <0.00514 | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | | | | | | <0.000504 | <0.000625 | <0.000612 | <0.000586 | | | <0.000684 | <0.000789 | **0.62** | **800** | 2,000 |
| Naphthalene | | | | | | | <0.00702 | <0.00872 | <0.00853 | <0.00817 | | | <0.00954 | <0.0110 | **31** | **220** | 360 |
| n-Propylbenzene | | | | | | | <0.00137 | <0.00170 | <0.00166 | <0.00159 | | | <0.00186 | <0.00214 | **45** | **2,200** | 7,300 |
| Styrene | | | | | | | <0.000329 | <0.000409 | <0.000400 | <0.000383 | | | <0.000448 | <0.000516 | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | | | | | | <0.00129 | <0.00160 | <0.00157 | <0.00150 | | | <0.00175 | <0.00202 | **0.05** | **710** | 1,400 |
| Toluene | | | | | | | 0.00315 J | <0.00232 | <0.00227 | <0.00218 | | | <0.00254 | <0.00293 | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | | | | | | <0.000859 | <0.00107 | <0.00104 | <0.000999 | | | <0.00117 | <0.00135 | **0.02** | **18** | 35 |
| Trichloroethene | | | | | | | <0.000840 | <0.00104 | <0.00102 | <0.000977 | | | <0.00114 | <0.00132 | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | | | | | | <0.00227 | <0.00282 | <0.00276 | <0.00264 | | | <0.00309 | <0.00356 | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | | | | | | <0.00227 | <0.00282 | <0.00276 | <0.00264 | | | <0.00309 | <0.00356 | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | | | | | | <0.00288 | <0.00357 | <0.00350 | <0.00335 | | | <0.00391 | <0.00451 | **36** | **1500** | 4,300 |
| Vinyl Chloride | | | | | | | <0.00167 | <0.00207 | <0.00203 | <0.00194 | | | <0.00227 | <0.00262 | **0.022** | **3.7** | 15 |
| Xylenes, Total | | | | | | | 0.00199 J | <0.00157 | <0.00154 | <0.00147 | | | 0.00262 J | <0.00198 | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | **Blank** | **B-71 2.5-5'** | **B-71 10-12'** | **B-72 2.5-5'** | **B-72 7.5-10'** | **B-73 0-2.5'** | **B-73 7.5-10'** | **B-74 0-2.5'** | **B-74 7.5-10'** | **Blank** | **Blank** | **Blank** | **Blank** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 8/254/23 | 8/254/23 | 8/254/23 | 8/254/23 | | | | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | |
| Acetone | | | <0.0575 | <0.0609 J4 | <0.0751 J4 | <0.0606 J4 | NA | | | | | | | | **43** | **66,000** | 440,000 |
| Benzene | | | **0.0276** | <0.000779 | <0.000961 | <0.000775 | 0.000459 J | <0.000549 U | <0.000510 U | <0.000448 U | | | | | **0.026** | **120** | 240 |
| n-Butylbenzene | | | 0.467 | <0.00875 | <0.0108 | <0.00872 | | | | | | | | | **150** | **3,300** | 34,000 |
| sec-Butylbenzene | | | 0.208 | <0.00480 | <0.00593 | <0.00478 | | | | | | | | | **85** | **3,300** | 41,000 |
| tert-Butylbenzene | | | <0.00307 | <0.00325 | <0.00401 | <0.00324 | | | | | | | | | **100** | **3,300** | 41,000 |
| Chlorobenzene | | | <0.000331 | <0.000350 | <0.000432 | <0.000349 | | | | | | | | | **1.1** | **520** | 1,000 |
| Chloromethane | | | <0.00686 | <0.00725 | <0.00895 | <0.00722 | | | | | | | | | **0.41** | **140** | 290 |
| 1,2-Dichlorobenzene | | | <0.000670 | <0.000709 | <0.000875 | <0.000706 | NA | | | | | | | | **18** | **720** | 1,100 |
| 1,3-Dichlorobenzene | | | <0.000946 | <0.00100 | <0.00124 | <0.000996 | | | | | | | | | **6.7** | **120** | 170 |
| 1,4-Dichlorobenzene | | | <0.00110 | <0.00117 | <0.00144 | <0.00116 | | | | | | | | | **2.1** | **250** | 1,200 |
| 1,1-Dichloroethane | | | <0.000774 | <0.000819 | <0.00101 | <0.000815 | | | | | | | | | **18** | **11,000** | 41,000 |
| 1,1-Dichloroethene | | | <0.000955 | <0.00101 | <0.00125 | <0.00101 | | | | | | | | | **0.05** | **2,300** | 6,400 |
| cis-1,2-Dichloroethene | | | <0.00116 | <0.00122 | <0.00151 | <0.00122 | | | | | | | | | **0.25** | **140** | 790 |
| trans-1,2-Dichloroethene | | | <0.00164 | <0.00173 | <0.00214 | <0.00173 | | | | | | | | | **0.49** | **590** | 1,200 |
| Ethylbenzene | | | 0.0383 | <0.00123 | <0.00152 | <0.00122 | 0.000525 J | <0.000423 U | 0.000693 J | <0.000345 U | | | | | **7.6** | **6,400** | 29,000 |
| Isopropylbenzene | Blank | Blank | 0.487 | <0.000709 | <0.000875 | <0.000706 | | | | | Blank | Blank | Blank | Blank | **350** | **4,300** | 11,000 |
| p-Isopropyltoluene | | | <0.00402 | <0.00425 | <0.00525 | <0.00423 | NA | | | | | | | | **230** | **8,200** | 100,000 |
| 2-Butanone (MEK) | | | <0.100 | <0.106 | <0.131 | <0.105 | | | | | | | | | **29** | **40,000** | 190,000 |
| 4-Methyl-2-pentanone (MIBK) | | | <0.00359 | <0.00380 | <0.00469 | <0.00379 | | | | | | | | | **4.9** | **5,900** | 41,000 |
| Methyl tert-butyl ether (MTBE) | | | 0.00672 | <0.000584 | <0.000720 | <0.000581 | <0.000503 U | <0.000641 U | <0.000595 U | <0.000523 U | | | | | **0.62** | **800** | 2,000 |
| Naphthalene | | | 0.717 | <0.00814 | <0.0100 | <0.00810 | | | | | | | | | **31** | **220** | 360 |
| n-Propylbenzene | | | 2.44 | <0.00158 | <0.00196 | <0.00158 | NA | | | | | | | | **45** | **2,200** | 7,300 |
| Styrene | | | <0.000361 | <0.000382 | <0.000471 | <0.000380 | | | | | | | | | **3.3** | **6,700** | 15,000 |
| Tetrachloroethene | | | <0.00141 | <0.00149 | <0.00184 | <0.00149 | | | | | | | | | **0.05** | **710** | 1,400 |
| Toluene | | | <0.00205 | <0.00217 | <0.00268 | <0.00216 | <0.000481 U | <0.000613 U | <0.000569 U | <0.000500 U | | | | | **8.2** | **5,900** | 42,000 |
| 1,1,2-Trichloroethane | | | **0.0612** | <0.000995 | <0.00123 | <0.000991 | | | | | | | | | **0.02** | **18** | 35 |
| Trichloroethene | | | <0.000921 | <0.000974 | <0.00120 | <0.000970 | | | | | | | | | **0.034** | **18** | 40 |
| 1,2,4-Trimethylbenzene | | | <0.00249 | <0.00263 | <0.00325 | 0.00736 J | NA | | | | | | | | **33** | **1600** | 4,900 |
| 1,2,3-Trimethylbenzene | | | <0.00249 | <0.00263 | <0.00325 | 0.00330 J | | | | | | | | | **21** | **1600** | 4,400 |
| 1,3,5-Trimethylbenzene | | | <0.00315 | <0.00333 | <0.00412 | <0.00332 | | | | | | | | | **36** | **1500** | 4,300 |
| Vinyl Chloride | | | <0.00183 | <0.00193 | <0.00239 | <0.00193 | | | | | | | | | **0.022** | **3.7** | 15 |
| Xylenes, Total | | | <0.00139 | <0.00147 | <0.00181 | 0.00299 J | 0.00244 | 0.000568 J | 0.00375 | <0.000357 U | | | | | **120** | **6,000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

Borings related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/kg - milligrams per kilogram

NSP - No Standard Published

NA - Not Analyzed

**Qualifiers (Modern Geosciences Samples):**

B: A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

H: The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

D: The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

L: The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

X: in our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside the laboratory control limits due to possible matrix/chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

**Qualifiers (MW-9 to MW-19 and SB-14 to SB-72):**

J: The identification of the analyte is acceptable; the reported value is an estimate

B: The same analyte is found in the associated blank

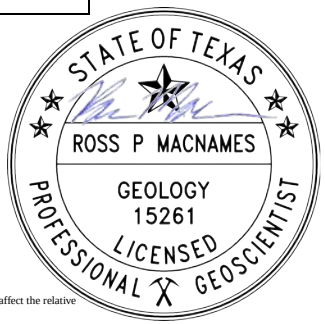
J3: The associated batch QC was outside the established quality control range for precision

J4: The associated batch QC was outside the established quality control range for accuracy

**Qualifiers (SB-73 to SB-74):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value

U: Analyte was detected at or above the SDL




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | *MW-2 1-2' | *MW-3 0.5-1.5' | *MW-3 2-3' | *MW-4 9-10' | *MW-5 19-20' | *MW-6 2-3' | *MW-7 0-1' | *MW-8 0--1' | *B-1 0-1' | *B-1 4-5' | *B-2 0.5-1.5' | *B-2 2-3' | *B-3 0.5-1.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

| Client Sample ID | *B-3 6-7' | *B-4 6-7' | *B-5 9-10' | *B-6 1-2' | *B-7 1-2' | *B-7 3-4' | Blank | *B-9 0-1' | *B-10 0-1' | *B-10 2-3' | *B-11 1-2' | *B-11 2-3' | Blank | *B-13 2-3' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | Blank | N/A | N/A | N/A | N/A | N/A | Blank | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | MW-9 2.5-5' | MW-9 30-31' | MW-9 35' | MW-10 2.5-5' | MW-10 32-33' | MW-10 40' | Blank | Blank | Blank | MW-12 2.5-5' | MW-12 31-32' | MW-12 40' | Blank | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | <0.00706 | <0.00663 | <0.00368 | <0.00676 | <0.00653 | <0.00648 | | | | <0.0148 | <0.00686 | <0.00670 | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | <0.00614 | <0.00577 | <0.00555 | <0.00588 | <0.00568 | <0.00564 | | | | <0.0129 | <0.00596 | <0.00583 | | | 410 | 3,800 | 37,000 |
| Anthracene | <0.00777 | <0.00730 | <0.00702 | <0.00743 | <0.00718 | <0.00713 | | | | <0.0163 | <0.00754 | <0.00738 | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | <0.00769 | <0.00722 | <0.00695 | <0.00736 | <0.00711 | <0.00705 | | | | <0.0161 | <0.00747 | <0.00730 | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | <0.00813 | <0.00764 | <0.00735 | <0.00778 | <0.00752 | <0.00746 | | | | <0.0170 | <0.00790 | <0.00772 | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | <0.00775 | <0.00729 | <0.00701 | <0.00742 | <0.00717 | <0.00711 | | | | <0.0162 | <0.00753 | <0.00736 | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | <0.00798 | <0.00749 | <0.00721 | <0.00763 | <0.00738 | <0.00732 | | | | <0.0167 | <0.00775 | <0.00758 | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | <0.00811 | <0.00762 | <0.00733 | <0.00776 | <0.00750 | <0.00744 | | | | <0.0170 | <0.00787 | <0.00770 | | | 7.6 | 4.1 | 17 |
| Chrysene | <0.00867 | <0.00815 | <0.00784 | <0.00830 | <0.00802 | <0.00795 | Blank | Blank | Blank | <0.0182 | <0.00842 | <0.00823 | Blank | Blank | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | <0.0121 | <0.0114 | <0.0109 | <0.0116 | <0.0112 | <0.0111 | | | | <0.0253 | <0.0117 | <0.0115 | | | 15 | 4 | 17 |
| Fluoranthene | <0.00787 | <0.00740 | <0.00712 | <0.00753 | <0.00728 | <0.00722 | | | | <0.0165 | <0.00764 | <0.00748 | | | 1,900 | 2,300 | 25,000 |
| Fluorene | <0.00710 | <0.00667 | <0.00642 | <0.00679 | <0.00656 | <0.00651 | | | | <0.0149 | <0.00689 | <0.00674 | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.0123 | <0.0116 | <0.0111 | <0.0118 | <0.0114 | <0.0113 | | | | <0.0258 | <0.0120 | <0.0117 | | | 1,300 | 42 | 170 |
| Naphthalene | <0.0109 | <0.0103 | <0.00990 | <0.0105 | <0.0101 | <0.0100 | | | | <0.0229 | <0.0106 | <0.0104 | | | 31 | 220 | 360 |
| Phenanthrene | <0.00866 | <0.00813 | <0.00783 | <0.00828 | <0.00801 | <0.00794 | | | | <0.0181 | <0.00841 | <0.00822 | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | <0.0553 | <0.0519 | <0.0500 | <0.0529 | <0.0511 | <0.0507 | | | | <0.116 | <0.0537 | <0.0525 | | | 160 | 43 | 560 |
| Pyrene | <0.00849 | <0.00797 | <0.00767 | <0.00812 | <0.00785 | <0.00779 | | | | <0.0178 | <0.00824 | <0.00806 | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

| Client Sample ID | Blank | MW-14 0-2.5' | MW-14 34-35' | MW-14 40' | MW-15 0-2.5' | MW-15 5-7.5' | MW-15 14' | MW-15 40' | MW-16 27.5-30' | MW-16 32.5-35' | MW-17 0-5' | MW-17 30-32.5' | MW-17 37.5-40' | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 5/4/2021 | 5/4/2021 | 5/4/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | <0.00638 | <0.00653 | <0.00668 | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | <0.00555 | <0.00569 | <0.00581 | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | <0.00702 | <0.00719 | <0.00735 | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | 0.0117 J | <0.00712 | <0.00727 | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | 0.0221 J | <0.00753 | <0.00769 | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | <0.00701 | <0.00718 | <0.00733 | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | <0.00721 | <0.00738 | <0.00754 | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | 0.0105 J | <0.00750 | <0.00767 | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | Blank | 0.0120 J | <0.00803 | <0.00820 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Blank | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | <0.0109 | <0.0112 | <0.0114 | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | 0.0306 J | <0.00729 | <0.00745 | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | <0.00641 | <0.00657 | <0.00671 | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | <0.0111 | <0.0114 | <0.0117 | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | <0.00989 | <0.0101 | <0.0104 | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | 0.0411 | <0.00801 | <0.00819 | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | <0.0499 | <0.0512 | <0.0523 | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | 0.0277 J | <0.00786 | <0.00803 | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | **Blank** | **MW-19 2.5-5'** | **MW-19 30-32.5'** | **MW-19 32.5-35'** | **B-14 2-4'** | **B-14 8-10'** | **B-15 0-5'** | **B-15 8-10'** | **B-15 14-15'** | **B-16 0-2'** | **B-16 8-10'** | **B-17 0-2'** | **B-17 6-8'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/1/2022 | 2/1/2022 | 2/1/2022 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | **240** | **3,000** | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | **410** | **3,800** | 37,000 |
| Anthracene | | | | | | | | | | | | | | | **6,900** | **18,000** | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | **130** | **41** | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | **440** | **42** | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | **4,500** | **420** | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | **46,000** | **1,800** | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | **7.6** | **4.1** | 17 |
| Chrysene | Blank | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | **15** | **4** | 17 |
| Fluoranthene | | | | | | | | | | | | | | | **1,900** | **2,300** | 25,000 |
| Fluorene | | | | | | | | | | | | | | | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | **1,300** | **42** | 170 |
| Naphthalene | | | | | | | | | | | | | | | **31** | **220** | 360 |
| Phenanthrene | | | | | | | | | | | | | | | **420** | **1,700** | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | **160** | **43** | 560 |
| Pyrene | | | | | | | | | | | | | | | **1,100** | **1,700** | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

| **Client Sample ID** | **B-18 0-2'** | **B-18 8-10'** | **B-19 0-2'** | **B-19 8-10'** | **B-20 0-2'** | **B-20 8-10'** | **B-21 2-4'** | **B-21 8-10'** | **B-22 0-2'** | **B-22 6-8'** | **B-23 2-4'** | **B-23 8-10'** | **B-24 2-4'** | **B-24 8-10'** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | **240** | **3,000** | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | **410** | **3,800** | 37,000 |
| Anthracene | | | | | | | | | | | | | | | **6,900** | **18,000** | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | **130** | **41** | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | **440** | **42** | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | **4,500** | **420** | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | **46,000** | **1,800** | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | **7.6** | **4.1** | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | **15** | **4** | 17 |
| Fluoranthene | | | | | | | | | | | | | | | **1,900** | **2,300** | 25,000 |
| Fluorene | | | | | | | | | | | | | | | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | **1,300** | **42** | 170 |
| Naphthalene | | | | | | | | | | | | | | | **31** | **220** | 360 |
| Phenanthrene | | | | | | | | | | | | | | | **420** | **1,700** | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | **160** | **43** | 560 |
| Pyrene | | | | | | | | | | | | | | | **1,100** | **1,700** | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-25 0-2' | B-25 8-10' | B-26 0-2' | B-26 8-10' | B-27 0-2' | B-27 8-10' | B-28 0-5' | B-28 8-10' | B-29 0-5' | B-29 8-10' | B-30 0-2' | B-30 8-10' | B-31 2-4 | B-31 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

| Client Sample ID | B-32 2-4' | B-32 8-10' | B-33 0-2' | B-33 8-10' | B-33 12-15' | B-34 2.5-5' | B-35 2.5-5' | B-36 2.5-5' | B-37 2.5' | B-38 2.5' | B-39 1' | B-40 2.5' | B-41 5-7.5' | B-41 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-42 5-7.5' | B-42 7.5-10' | B-43 0-2.5' | B-43 7.5-10' | B-44 2.5-5' | B-44 7.5-10' | B-45 2.5-5' | B-45 7.5-10' | B-46 5-7.5' | B-46 7.5-10' | B-47 2.5-5' | B-47 7.5-10' | B-48 5-7.5' | B-48 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

| Client Sample ID | B-49 2.5-5' | B-49 7.5-10' | B-50 2.5-5' | B-50 7.5-10' | B-51 0-2.5' | B-51 7.5-10' | B-52 5-7.5' | B-52 7.5-10' | B-52 17.5-20' | B-53 5-7.5' | B-53 7.5-10' | B-54 2.5-5' | B-54 7.5-10' | B-55 5-7.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-55 7.5-10' | B-56 2.5-5' | B-56 7.5-10' | B-57 2' | B-58 0-2.5' | B-58 7.5-10' | B-59 0-2.5' | B-59 7.5-10' | B-60 0-2.5' | B-60 7.5-10' | B-61 0-2.5' | B-61 7.5-10' | B-62 0-2.5' | B-62 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | NOT PART OF THIS ASSESSMENT - OFF-SITE | | | | | | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

| Client Sample ID | B-63 2.5-5' | B-63 7.5-10' | B-64 0-2.5' | B-64 7.5-10' | B-65 0-2.5' | B-65 7.5-10' | B-66 2.5-5' | B-66 7.5-10' | B-67 2.5-5' | B-67 7.5-10' | B-68 2.5-5' | B-68 7.5-10' | B-69 0-2.5' | B-69 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | 160 | 43 | 560 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | **Blank** | **B-71 2.5-5'** | **B-71 10-12'** | **B-72 2.5-5'** | **B-72 7.5-10'** | **B-73 0-2.5'** | **B-73 7.5-10'** | **B-74 0-2.5'** | **B-74 7.5-10'** | **Blank** | **Blank** | **Blank** | **Blank** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 8/254/23 | 8/254/23 | 8/254/23 | 8/254/23 | | | | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | **240** | **3,000** | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | **410** | **3,800** | 37,000 |
| Anthracene | | | | | | | | | | | | | | | **6,900** | **18,000** | 190,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | **130** | **41** | 170 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | **440** | **42** | 170 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | **4,500** | **420** | 1,700 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | **46,000** | **1,800** | 19,000 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | **7.6** | **4.1** | 17 |
| Chrysene | Blank | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Blank | Blank | Blank | Blank | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | **15** | **4** | 17 |
| Fluoranthene | | | | | | | | | | | | | | | **1,900** | **2,300** | 25,000 |
| Fluorene | | | | | | | | | | | | | | | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | **1,300** | **42** | 170 |
| Naphthalene | | | | | | | | | | | | | | | **31** | **220** | 360 |
| Phenanthrene | | | | | | | | | | | | | | | **420** | **1,700** | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | **160** | **43** | 560 |
| Pyrene | | | | | | | | | | | | | | | **1,100** | **1,700** | 19,000 |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

Borings related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/kg - milligrams per kilogram

NA - Not Analyzed

NSP - No Standard Published

**Qualifiers:**

J: The identification of the analyte is acceptable; the reported value is an estimate




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | *MW-2 1-2' | *MW-3 0.5-1.5' | *MW-3 2-3' | *MW-4 9-10' | *MW-5 19-20' | *MW-6 2-3' | *MW-7 0-1' | *MW-8 0--1' | *B-1 0-1' | *B-1 4-5' | *B-2 0.5-1.5' | *B-2 2-3' | *B-3 0.5-1.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6,900 | 18,000 | 190,000 |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Chrysene | | | | | | | | | | | | | | | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Dibenzofuran | | | | | | | | | | | | | | | 33 | 270 | 2,700 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| 1-Methylnaphthalene | | | | | | | | | | | | | | | 2.9 | 150 | 600 |
| 2-Methylnaphthalene | | | | | | | | | | | | | | | 17 | 250 | 2,500 |
| 2-Chloronaphthalene | | | | | | | | | | | | | | | 670 | 5,000 | 50,000 |

| Client Sample ID | *B-3 6-7' | *B-4 6-7' | *B-5 9-10' | *B-6 1-2' | *B-7 1-2' | *B-7 3-4' | Blank | *B-9 0-1' | *B-10 0-1' | *B-10 2-3' | *B-11 1-2' | *B-11 2-3' | Blank | *B-13 2-3' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | N/A | N/A | N/A | N/A | N/A | N/A | Blank | N/A | N/A | N/A | N/A | N/A | Blank | N/A | 6,900 | 18,000 | 190,000 |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Chrysene | | | | | | | | | | | | | | | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | 15 | 4 | 17 |
| Dibenzofuran | | | | | | | | | | | | | | | 33 | 270 | 2,700 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| 1-Methylnaphthalene | | | | | | | | | | | | | | | 2.9 | 150 | 600 |
| 2-Methylnaphthalene | | | | | | | | | | | | | | | 17 | 250 | 2,500 |
| 2-Chloronaphthalene | | | | | | | | | | | | | | | 670 | 5,000 | 50,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | MW-9 2.5-5' | MW-9 30-31' | MW-9 35' | MW-10 2.5-5' | MW-10 32-33' | MW-10 40' | Blank | Blank | Blank | MW-12 2.5-5' | MW-12 31-32' | MW-12 40' | Blank | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | | | | | | | | | | | | | | | 6,900 | 18,000 | 190,000 |
| Acenaphthene | | | | | | | | | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | | | | | | | | | | | 410 | 3,800 | 37,000 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | 130 | 41 | 170 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | 7.6 | 4.1 | 17 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | 440 | 42 | 170 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | 4,500 | 420 | 1,700 |
| Chrysene | | | | | | | | | | | | | | | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | N/A | N/A | N/A | N/A | N/A | N/A | Blank | Blank | Blank | N/A | N/A | N/A | Blank | Blank | 15 | 4 | 17 |
| Dibenzofuran | | | | | | | | | | | | | | | 33 | 270 | 2,700 |
| Fluoranthene | | | | | | | | | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | | | | | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | | | | | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | | | | | | | | | | | 420 | 1,700 | 19,000 |
| Pyrene | | | | | | | | | | | | | | | 1,100 | 1,700 | 19,000 |
| 1-Methylnaphthalene | | | | | | | | | | | | | | | 2.9 | 150 | 600 |
| 2-Methylnaphthalene | | | | | | | | | | | | | | | 17 | 250 | 2,500 |
| 2-Chloronaphthalene | | | | | | | | | | | | | | | 670 | 5,000 | 50,000 |

| Client Sample ID | Blank | MW-14 0-2.5' | MW-14 34-35' | MW-14 40' | MW-15 0-2.5' | MW-15 5-7.5' | MW-15 14' | MW-15 40' | MW-16 27.5-30' | MW-16 32.5-35' | MW-17 0-5' | MW-17 30-32.5' | MW-17 37.5-40' | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 5/4/2021 | 5/4/2021 | 5/4/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | | | | | <0.00308 | <0.00297 | <0.00294 | <0.00312 | | | | | | | 6,900 | 18,000 | 190,000 |
| Acenaphthene | | | | | <0.00280 | <0.00270 | <0.00267 | <0.00283 | | | | | | | 240 | 3,000 | 37,000 |
| Acenaphthylene | | | | | 0.00363 J | <0.00279 | <0.00276 | <0.00293 | | | | | | | 410 | 3,800 | 37,000 |
| Benzo(a)anthracene | | | | | 0.0121 | 0.0108 | <0.00221 | <0.00234 | | | | | | | 130 | 41 | 170 |
| Benzo(a)pyrene | | | | | 0.00989 | 0.00772 J | <0.00229 | <0.00242 | | | | | | | 7.6 | 4.1 | 17 |
| Benzo(b)fluoranthene | | | | | <0.00205 | <0.00198 | <0.00195 | <0.00207 | | | | | | | 440 | 42 | 170 |
| Benzo(g,h,i)perylene | | | | | 0.0569 | 0.0451 | <0.00226 | <0.00240 | | | | | | | 46,000 | 1,800 | 19,000 |
| Benzo(k)fluoranthene | | | | | <0.00288 | <0.00278 | <0.00275 | <0.00291 | | | | | | | 4,500 | 420 | 1,700 |
| Chrysene | | | | | 0.0130 | 0.0137 | <0.00296 | <0.00314 | | | | | | | 11,000 | 4,100 | 17,000 |
| Dibenz(a,h)anthracene | Blank | N/A | N/A | N/A | 0.0123 | 0.0137 | <0.00220 | <0.00233 | N/A | N/A | N/A | N/A | N/A | Blank | 15 | 4 | 17 |
| Dibenzofuran | | | | | <0.00285 | <0.00275 | <0.00272 | <0.00288 | | | | | | | 33 | 270 | 2,700 |
| Fluoranthene | | | | | 0.0266 | 0.0293 | <0.00290 | <0.00307 | | | | | | | 1,900 | 2,300 | 25,000 |
| Fluorene | | | | | 0.0158 | 0.0164 | <0.00262 | <0.00278 | | | | | | | 300 | 2,300 | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | 0.0121 | 0.0162 | <0.00231 | <0.00245 | | | | | | | 1,300 | 42 | 170 |
| Naphthalene | | | | | 0.0805 | 0.0974 | <0.00521 | <0.00553 | | | | | | | 31 | 220 | 360 |
| Phenanthrene | | | | | 0.0535 | 0.0315 | <0.00295 | <0.00313 | | | | | | | 420 | 1,700 | 19,000 |
| Pyrene | | | | | 0.0400 | 0.0366 | <0.00255 | <0.00271 | | | | | | | 1,100 | 1,700 | 19,000 |
| 1-Methylnaphthalene | | | | | 0.0231 J | 0.0510 | <0.00574 | <0.00608 | | | | | | | 2.9 | 150 | 600 |
| 2-Methylnaphthalene | | | | | 0.0436 | 0.126 | <0.00545 | <0.00578 | | | | | | | 17 | 250 | 2,500 |
| 2-Chloronaphthalene | | | | | <0.00623 | <0.00602 | <0.00595 | <0.00631 | | | | | | | 670 | 5,000 | 50,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | Blank | MW-19 2.5-5' | MW-19 30-32.5' | MW-19 32.5-35' | B-14 2-4' | B-14 8-10' | B-15 0-5' | B-15 8-10' | B-15 14-15' | B-16 0-2' | B-16 8-10' | B-17 0-2' | B-17 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/1/2022 | 2/1/2022 | 2/1/2022 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | | | <0.00311 | <0.00283 | <0.00283 | <0.00306 | <0.00297 | <0.00302 | <0.00292 | <0.00295 | <0.00305 | <0.00315 | <0.00310 | <0.00300 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | | | <0.00283 | <0.00257 | <0.00257 | <0.00278 | <0.00269 | <0.00274 | <0.00266 | <0.00268 | <0.00277 | <0.00286 | <0.00282 | 0.00276 J | **240** | **3,000** | 37,000 |
| Acenaphthylene | | | <0.00292 | <0.00266 | <0.00266 | <0.00287 | <0.00279 | <0.00283 | <0.00275 | <0.00277 | <0.00286 | <0.00296 | <0.00291 | <0.00282 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | | | <0.00234 | <0.00213 | <0.00213 | <0.00230 | <0.00223 | <0.00227 | <0.00220 | <0.00222 | <0.00229 | <0.00237 | 0.00397 J | 0.00374 J | **130** | **41** | 170 |
| Benzo(a)pyrene | | | <0.00242 | <0.00220 | <0.00220 | <0.00238 | <0.00231 | <0.00235 | <0.00228 | <0.00230 | <0.00237 | <0.00245 | 0.00456 J | 0.00650 J | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | | | <0.00207 | <0.00188 | <0.00188 | <0.00203 | <0.00197 | <0.00201 | <0.00194 | <0.00196 | <0.00203 | <0.00210 | 0.00593 J | 0.00630 J | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | | | <0.00239 | <0.00218 | <0.00218 | <0.00235 | <0.00228 | <0.00232 | <0.00225 | <0.00227 | <0.00234 | <0.00243 | 0.0202 | 0.0201 | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | | | <0.00291 | <0.00265 | <0.00264 | <0.00286 | <0.00277 | <0.00282 | <0.00273 | <0.00276 | <0.00285 | <0.00295 | <0.00290 | 0.0117 | **4,500** | **420** | 1,700 |
| Chrysene | | | <0.00314 | <0.00285 | <0.00285 | <0.00308 | <0.00299 | <0.00304 | <0.00295 | <0.00298 | <0.00307 | <0.00318 | 0.00456 J | 0.00402 J | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | Blank | Blank | <0.00233 | <0.00212 | <0.00211 | <0.00229 | <0.00222 | <0.00226 | <0.00219 | <0.00221 | <0.00228 | <0.00236 | <0.00232 | <0.00225 | **15** | **4** | 17 |
| Dibenzofuran | | | <0.00288 | <0.00262 | <0.00262 | <0.00283 | <0.00275 | <0.00279 | 0.00652 J | <0.00273 | <0.00282 | <0.00292 | <0.00287 | <0.00278 | **33** | **270** | 2,700 |
| Fluoranthene | | | <0.00307 | <0.00279 | <0.00279 | <0.00302 | <0.00293 | <0.00298 | <0.00289 | <0.00291 | <0.00301 | <0.00311 | 0.0112 | 0.0111 | **1,900** | **2,300** | 25,000 |
| Fluorene | | | <0.00277 | <0.00252 | <0.00252 | <0.00272 | <0.00264 | <0.00269 | 0.0454 | <0.00263 | <0.00272 | <0.00281 | 0.00518 J | 0.00586 J | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | <0.00245 | <0.00223 | <0.00222 | <0.00241 | <0.00233 | <0.00237 | <0.00230 | <0.00232 | <0.00240 | <0.00248 | <0.00244 | <0.00236 | **1,300** | **42** | 170 |
| Naphthalene | | | <0.00552 | <0.00502 | <0.00502 | <0.00542 | <0.00526 | 0.0893 | 0.103 | <0.00524 | <0.00540 | <0.00559 | 0.0179 J | 0.0161 J | **31** | **220** | 360 |
| Phenanthrene | | | <0.00312 | <0.00284 | <0.00284 | <0.00307 | <0.00298 | 0.0124 | 0.0604 | <0.00297 | <0.00306 | <0.00316 | 0.0170 | 0.0159 | **420** | **1,700** | 19,000 |
| Pyrene | | | <0.00271 | <0.00246 | <0.00246 | <0.00266 | <0.00258 | 0.00976 | <0.00254 | <0.00257 | 0.0181 | <0.00274 | 0.0167 | 0.0192 | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | | | <0.00607 | <0.00552 | <0.00552 | <0.00597 | <0.00579 | <0.00589 | 0.0291 | <0.00577 | <0.00595 | <0.00615 | <0.00606 | <0.00586 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | | | <0.00578 | <0.00525 | <0.00525 | <0.00568 | <0.00551 | 0.0403 | 0.0389 | <0.00548 | <0.00566 | <0.00585 | 0.00983 J | 0.00989 J | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | | | <0.00630 | <0.00573 | <0.00573 | <0.00619 | <0.00601 | <0.00611 | <0.00592 | <0.00598 | <0.00617 | <0.00638 | <0.00629 | <0.00609 | **670** | **5,000** | 50,000 |

| Client Sample ID | B-18 0-2' | B-18 8-10' | B-19 0-2' | B-19 8-10' | B-20 0-2' | B-20 8-10' | B-21 2-4' | B-21 8-10' | B-22 0-2' | B-22 6-8' | B-23 2-4' | B-23 8-10' | B-24 2-4' | B-24 8-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00273 | <0.00293 | <0.00272 | <0.00295 | <0.00300 | <0.00294 | <0.00303 | <0.00293 | <0.00289 | <0.00300 | <0.00304 | <0.00290 | <0.00306 | <0.00296 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00248 | <0.00267 | <0.00247 | <0.00268 | <0.00273 | <0.00267 | <0.00276 | <0.00266 | <0.00263 | <0.00273 | <0.00276 | <0.00263 | <0.00278 | <0.00269 | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00256 | <0.00275 | <0.00256 | <0.00277 | <0.00282 | <0.00276 | <0.00285 | <0.00275 | <0.00272 | <0.00282 | <0.00285 | <0.00272 | <0.00287 | <0.00278 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | 0.00443 J | <0.00221 | 0.00390 J | <0.00222 | <0.00226 | <0.00221 | <0.00228 | <0.00220 | <0.00218 | <0.00226 | <0.00228 | <0.00218 | <0.00230 | <0.00223 | **130** | **41** | 170 |
| Benzo(a)pyrene | 0.0106 | <0.00228 | 0.00439 J | <0.00229 | <0.00233 | <0.00229 | <0.00236 | <0.00228 | <0.00225 | <0.00233 | <0.00236 | <0.00225 | <0.00238 | <0.00231 | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | 0.00596 J | <0.00195 | 0.00588 J | <0.00196 | <0.00200 | <0.00196 | <0.00202 | <0.00195 | <0.00193 | <0.00200 | <0.00202 | <0.00193 | <0.00204 | <0.00197 | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00210 | <0.00226 | 0.00348 J | <0.00227 | <0.00231 | <0.00226 | <0.00233 | <0.00225 | <0.00223 | <0.00231 | <0.00234 | <0.00223 | <0.00235 | <0.00228 | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | 0.00989 | <0.00274 | 0.00401 J | <0.00276 | <0.00280 | <0.00275 | <0.00284 | <0.00274 | <0.00271 | <0.00280 | <0.00284 | <0.00271 | <0.00286 | <0.00277 | **4,500** | **420** | 1,700 |
| Chrysene | 0.00428 J | <0.00296 | 0.00418 J | <0.00297 | <0.00303 | <0.00297 | <0.00306 | <0.00295 | <0.00292 | <0.00303 | <0.00306 | <0.00292 | <0.00309 | <0.00299 | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00204 | <0.00219 | <0.00203 | <0.00221 | <0.00224 | <0.00220 | <0.00227 | <0.00219 | <0.00216 | <0.00224 | <0.00227 | <0.00217 | <0.00229 | <0.00222 | **15** | **4** | 17 |
| Dibenzofuran | <0.00252 | <0.00272 | <0.00252 | <0.00273 | <0.00278 | <0.00272 | <0.00281 | <0.00271 | <0.00268 | <0.00278 | <0.00281 | <0.00268 | <0.00283 | <0.00274 | **33** | **270** | 2,700 |
| Fluoranthene | 0.00651 J | <0.00290 | 0.00854 | <0.00291 | <0.00296 | <0.00290 | <0.00299 | <0.00289 | <0.00286 | <0.00296 | <0.00300 | <0.00286 | <0.00302 | <0.00292 | **1,900** | **2,300** | 25,000 |
| Fluorene | 0.00289 J | <0.00261 | <0.00243 | <0.00263 | <0.00267 | <0.00262 | <0.00270 | <0.00261 | <0.00258 | <0.00267 | <0.00271 | <0.00258 | <0.00273 | <0.00264 | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00214 | <0.00231 | 0.00267 J | <0.00232 | <0.00236 | <0.00231 | <0.00239 | <0.00230 | <0.00228 | <0.00236 | <0.00239 | <0.00228 | <0.00241 | <0.00233 | **1,300** | **42** | 170 |
| Naphthalene | <0.00483 | <0.00520 | <0.00483 | <0.00523 | <0.00532 | 0.00823 J | <0.00538 | <0.00519 | <0.00514 | <0.00532 | <0.00539 | <0.00514 | <0.00543 | <0.00526 | **31** | **220** | 360 |
| Phenanthrene | 0.00838 | <0.00295 | 0.00428 J | <0.00296 | <0.00301 | <0.00295 | <0.00305 | <0.00294 | 0.00439 J | <0.00301 | <0.00305 | <0.00291 | <0.00307 | <0.00298 | **420** | **1,700** | 19,000 |
| Pyrene | 0.00834 | <0.00255 | 0.00870 | <0.00256 | <0.00261 | <0.00256 | <0.00264 | <0.00255 | 0.00438 J | <0.00261 | <0.00264 | <0.00252 | <0.00266 | <0.00258 | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00532 | <0.00573 | <0.00531 | <0.00576 | <0.00586 | <0.00574 | <0.00592 | <0.00571 | <0.00565 | 0.0200 J | <0.00593 | <0.00565 | <0.00597 | <0.00578 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00506 | <0.00545 | <0.00505 | <0.00547 | <0.00557 | <0.00546 | <0.00563 | <0.00543 | <0.00537 | 0.0497 | <0.00564 | <0.00538 | <0.00568 | <0.00550 | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00552 | <0.00594 | <0.00551 | <0.00597 | <0.00608 | <0.00596 | <0.00615 | <0.00593 | <0.00587 | <0.00608 | <0.00615 | <0.00587 | <0.00620 | <0.00600 | **670** | **5,000** | 50,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-25 0-2' | B-25 8-10' | B-26 0-2' | B-26 8-10' | B-27 0-2' | B-27 8-10' | B-28 0-5' | B-28 8-10' | B-29 0-5' | B-29 8-10' | B-30 0-2' | B-30 8-10' | B-31 2-4 | B-31 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00309 | <0.00294 | <0.00304 | <0.00296 | <0.00295 | <0.00296 | <0.00305 | <0.00293 | <0.00301 | <0.00297 | <0.00307 | <0.00297 | <0.00299 | <0.00294 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00281 | <0.00268 | <0.00276 | <0.00269 | <0.00268 | <0.00269 | <0.00277 | <0.00266 | <0.00274 | <0.00270 | <0.00279 | <0.00269 | <0.00272 | <0.00267 | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00290 | <0.00277 | <0.00285 | <0.00278 | <0.00277 | <0.00278 | <0.00287 | <0.00275 | <0.00283 | <0.00279 | <0.00288 | <0.00279 | <0.00281 | <0.00276 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | <0.00232 | <0.00221 | <0.00229 | <0.00222 | <0.00222 | <0.00222 | <0.00230 | <0.00221 | <0.00226 | <0.00223 | <0.00231 | <0.00223 | <0.00225 | <0.00221 | **130** | **41** | 170 |
| Benzo(a)pyrene | <0.00240 | <0.00229 | <0.00237 | <0.00230 | <0.00230 | <0.00230 | <0.00238 | <0.00228 | <0.00234 | <0.00231 | <0.00239 | <0.00231 | <0.00233 | <0.00229 | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | <0.00206 | <0.00196 | <0.00202 | <0.00197 | <0.00196 | <0.00197 | <0.00203 | <0.00195 | <0.00200 | <0.00197 | <0.00204 | <0.00197 | <0.00199 | <0.00196 | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00238 | <0.00227 | <0.00234 | <0.00228 | <0.00227 | <0.00227 | <0.00235 | <0.00226 | <0.00232 | <0.00228 | <0.00236 | <0.00228 | <0.00230 | <0.00226 | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00289 | <0.00275 | <0.00284 | <0.00276 | <0.00276 | <0.00276 | <0.00285 | <0.00274 | <0.00281 | <0.00277 | <0.00287 | <0.00277 | <0.00280 | <0.00275 | **4,500** | **420** | 1,700 |
| Chrysene | <0.00312 | <0.00297 | <0.00307 | <0.00298 | <0.00298 | <0.00298 | <0.00308 | <0.00296 | <0.00304 | <0.00299 | <0.00310 | <0.00299 | <0.00302 | <0.00297 | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00231 | <0.00220 | <0.00227 | <0.00221 | <0.00221 | <0.00221 | <0.00228 | <0.00219 | <0.00225 | <0.00222 | <0.00229 | <0.00222 | <0.00224 | <0.00220 | **15** | **4** | 17 |
| Dibenzofuran | <0.00286 | <0.00273 | <0.00281 | <0.00274 | <0.00274 | <0.00274 | <0.00283 | <0.00271 | <0.00279 | <0.00275 | <0.00284 | <0.00275 | <0.00277 | <0.00272 | **33** | **270** | 2,700 |
| Fluoranthene | <0.00305 | <0.00291 | <0.00300 | <0.00292 | <0.00292 | <0.00292 | <0.00301 | <0.00289 | <0.00297 | <0.00293 | <0.00303 | <0.00293 | <0.00296 | <0.00290 | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00275 | <0.00262 | <0.00271 | <0.00264 | <0.00263 | <0.00263 | <0.00272 | <0.00261 | <0.00268 | <0.00264 | <0.00274 | <0.00264 | <0.00267 | <0.00262 | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00243 | <0.00232 | <0.00239 | <0.00233 | <0.00232 | <0.00233 | <0.00240 | <0.00231 | <0.00237 | <0.00233 | <0.00242 | <0.00233 | <0.00236 | <0.00232 | **1,300** | **42** | 170 |
| Naphthalene | <0.00548 | <0.00522 | <0.00539 | <0.00525 | <0.00524 | <0.00524 | <0.00542 | <0.00520 | <0.00534 | 0.00812 J | <0.00544 | <0.00526 | <0.00531 | <0.00522 | **31** | **220** | 360 |
| Phenanthrene | <0.00310 | <0.00296 | <0.00305 | <0.00297 | <0.00297 | <0.00297 | <0.00307 | <0.00294 | <0.00302 | <0.00298 | <0.00308 | <0.00298 | <0.00301 | <0.00295 | **420** | **1,700** | 19,000 |
| Pyrene | <0.00269 | <0.00256 | <0.00264 | <0.00257 | <0.00257 | <0.00257 | <0.00266 | <0.00255 | <0.00262 | <0.00258 | <0.00267 | <0.00258 | <0.00260 | <0.00256 | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00603 | <0.00575 | <0.00593 | <0.00577 | <0.00577 | <0.00577 | <0.00596 | <0.00572 | <0.00588 | <0.00579 | <0.00599 | <0.00579 | <0.00585 | <0.00574 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00574 | <0.00547 | <0.00564 | <0.00549 | <0.00548 | <0.00549 | <0.00567 | <0.00544 | <0.00559 | <0.00551 | <0.00570 | <0.00551 | <0.00556 | <0.00546 | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00626 | <0.00597 | <0.00616 | <0.00599 | <0.00598 | <0.00599 | <0.00619 | <0.00594 | <0.00610 | <0.00601 | <0.00622 | <0.00601 | <0.00607 | <0.00596 | **670** | **5,000** | 50,000 |

| Client Sample ID | B-32 2-4' | B-32 8-10' | B-33 0-2' | B-33 8-10' | B-33 12-15' | B-34 2.5-5' | B-35 2.5-5' | B-36 2.5-5' | B-37 2.5' | B-38 2.5' | B-39 1' | B-40 2.5' | B-41 5-7.5' | B-41 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | 0.00527 J | <0.00291 | <0.00287 | <0.00290 | <0.00286 | | | | <0.00324 | <0.00327 | <0.00313 | <0.00339 | <0.00330 | <0.00306 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00278 | <0.00265 | <0.00261 | <0.00263 | <0.00260 | | | | <0.00295 | <0.00298 | <0.00285 | <0.00308 | <0.00300 | <0.00278 | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00288 | <0.00274 | <0.00269 | <0.00272 | <0.00268 | | | | <0.00305 | <0.00308 | <0.00294 | <0.00318 | <0.00310 | <0.00288 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | <0.00230 | <0.00219 | <0.00216 | <0.00218 | <0.00215 | | | | <0.00244 | <0.00246 | 0.00458 J | <0.00255 | <0.00248 | <0.00230 | **130** | **41** | 170 |
| Benzo(a)pyrene | <0.00238 | <0.00227 | <0.00223 | <0.00225 | <0.00222 | | | | <0.00252 | <0.00255 | <0.00244 | <0.00264 | <0.00257 | <0.00238 | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | <0.00204 | <0.00194 | <0.00191 | <0.00193 | <0.00190 | | | | <0.00216 | <0.00218 | 0.0267 | <0.00225 | <0.00219 | <0.00204 | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00236 | <0.00224 | 0.00282 J | <0.00223 | <0.00220 | | | | <0.00250 | <0.00252 | <0.00241 | <0.00261 | <0.00254 | <0.00236 | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00286 | <0.00272 | <0.00268 | <0.00271 | <0.00267 | | | | <0.00303 | <0.00306 | 0.0271 | <0.00317 | <0.00308 | <0.00286 | **4,500** | **420** | 1,700 |
| Chrysene | <0.00309 | <0.00294 | <0.00289 | <0.00292 | <0.00288 | | | | <0.00327 | <0.00330 | 0.0192 | <0.00342 | <0.00333 | <0.00309 | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00229 | <0.00218 | <0.00214 | <0.00217 | <0.00214 | | | | <0.00243 | <0.00245 | <0.00234 | <0.00253 | <0.00247 | <0.00229 | **15** | **4** | 17 |
| Dibenzofuran | <0.00284 | <0.00270 | <0.00266 | <0.00268 | <0.00265 | N/A | N/A | N/A | <0.00300 | <0.00303 | 0.00478 J | <0.00314 | <0.00305 | <0.00284 | **33** | **270** | 2,700 |
| Fluoranthene | 0.00498 J | <0.00288 | <0.00283 | <0.00286 | <0.00282 | | | | <0.00320 | <0.00323 | 0.0276 | <0.00334 | <0.00325 | <0.00302 | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00273 | <0.00260 | 0.00259 J | <0.00258 | <0.00255 | | | | <0.00289 | <0.00292 | 0.0102 | <0.00302 | <0.00294 | <0.00273 | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00241 | <0.00229 | <0.00226 | <0.00228 | <0.00225 | | | | <0.00255 | <0.00258 | <0.00246 | <0.00267 | <0.00259 | <0.00241 | **1,300** | **42** | 170 |
| Naphthalene | <0.00543 | <0.00517 | 0.0193 J | <0.00514 | 0.00514 J | | | | <0.00575 | <0.00581 | 0.0325 | <0.00601 | <0.00585 | <0.00543 | **31** | **220** | 360 |
| Phenanthrene | 0.00867 | <0.00293 | 0.00347 J | <0.00291 | <0.00287 | | | | <0.00326 | <0.00329 | 0.0458 | <0.00340 | <0.00331 | <0.00308 | **420** | **1,700** | 19,000 |
| Pyrene | 0.00417 J | <0.00253 | 0.00764 | <0.00252 | <0.00249 | | | | <0.00282 | <0.00285 | 0.0707 | <0.00295 | <0.00287 | <0.00266 | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00598 | <0.00569 | 0.00772 J | <0.00565 | <0.00558 | | | | <0.00633 | <0.00639 | 0.0331 | <0.00661 | <0.00644 | <0.00598 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00569 | <0.00541 | 0.0113 J | <0.00538 | 0.00697 J | | | | <0.00602 | <0.00608 | 0.0408 | <0.00629 | <0.00612 | <0.00569 | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00621 | <0.00590 | <0.00581 | <0.00587 | <0.00579 | | | | <0.00657 | <0.00664 | <0.00635 | <0.00686 | <0.00668 | <0.00621 | **670** | **5,000** | 50,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-42 5-7.5' | B-42 7.5-10' | B-43 0-2.5' | B-43 7.5-10' | B-44 2.5-5' | B-44 7.5-10' | B-45 2.5-5' | B-45 7.5-10' | B-46 5-7.5' | B-46 7.5-10' | B-47 2.5-5' | B-47 7.5-10' | B-48 5-7.5' | B-48 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00317 | <0.00311 | <0.00334 | <0.00319 | <0.00307 | <0.00304 | <0.00315 | <0.00314 | <0.00304 | <0.00314 | <0.00310 | <0.00313 | <0.00330 | <0.00308 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00288 | <0.00282 | <0.00304 | <0.00290 | 0.0623 | <0.00276 | <0.00286 | <0.00286 | <0.00276 | <0.00285 | <0.00282 | <0.00285 | <0.00300 | <0.00280 | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00297 | <0.00292 | <0.00314 | <0.00299 | <0.00289 | <0.00285 | <0.00295 | <0.00295 | <0.00286 | <0.00295 | <0.00291 | <0.00294 | <0.00310 | <0.00289 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | <0.00238 | <0.00234 | <0.00252 | <0.00240 | <0.00231 | <0.00228 | <0.00237 | <0.00236 | <0.00229 | <0.00236 | <0.00233 | <0.00236 | <0.00248 | <0.00232 | **130** | **41** | 170 |
| Benzo(a)pyrene | <0.00246 | <0.00242 | <0.00260 | <0.00248 | <0.00239 | <0.00236 | <0.00245 | <0.00245 | <0.00237 | <0.00244 | <0.00241 | <0.00244 | <0.00257 | <0.00240 | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | <0.00211 | <0.00207 | <0.00222 | <0.00212 | <0.00204 | <0.00202 | <0.00209 | <0.00209 | <0.00202 | <0.00209 | <0.00206 | <0.00209 | <0.00220 | <0.00205 | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00244 | <0.00239 | <0.00257 | <0.00245 | <0.00237 | <0.00234 | <0.00242 | <0.00242 | <0.00234 | <0.00242 | <0.00238 | <0.00241 | <0.00254 | <0.00237 | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00296 | <0.00290 | <0.00313 | <0.00298 | <0.00287 | <0.00284 | <0.00294 | <0.00294 | <0.00284 | <0.00293 | <0.00290 | <0.00293 | <0.00309 | <0.00288 | **4,500** | **420** | 1,700 |
| Chrysene | <0.00319 | <0.00313 | <0.00337 | <0.00322 | <0.00310 | <0.00306 | <0.00317 | <0.00317 | <0.00307 | <0.00317 | <0.00313 | <0.00316 | <0.00333 | <0.00311 | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00237 | <0.00232 | <0.00250 | <0.00238 | <0.00230 | <0.00227 | <0.00235 | <0.00235 | <0.00228 | <0.00235 | <0.00232 | <0.00234 | <0.00247 | <0.00230 | **15** | **4** | 17 |
| Dibenzofuran | <0.00293 | <0.00288 | <0.00310 | <0.00295 | 0.0887 | <0.00281 | <0.00291 | <0.00291 | <0.00282 | <0.00291 | <0.00287 | <0.00290 | <0.00306 | <0.00285 | **33** | **270** | 2,700 |
| Fluoranthene | <0.00313 | <0.00307 | <0.00330 | <0.00315 | <0.00303 | <0.00300 | 0.00911 | <0.00310 | <0.00300 | <0.00310 | <0.00306 | <0.00309 | <0.00326 | <0.00304 | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00282 | <0.00277 | <0.00298 | <0.00284 | 0.0428 | <0.00271 | <0.00280 | <0.00280 | <0.00271 | <0.00280 | <0.00276 | <0.00279 | <0.00294 | <0.00275 | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00249 | <0.00245 | <0.00263 | <0.00251 | <0.00242 | <0.00239 | <0.00248 | <0.00247 | <0.00239 | <0.00247 | <0.00244 | <0.00247 | <0.00260 | <0.00242 | **1,300** | **42** | 170 |
| Naphthalene | <0.00562 | <0.00551 | <0.00593 | <0.00565 | 0.245 | <0.00538 | 0.00704 J | <0.00558 | <0.00540 | <0.00557 | <0.00550 | <0.00556 | <0.00585 | <0.00546 | **31** | **220** | 360 |
| Phenanthrene | <0.00318 | <0.00312 | <0.00336 | <0.00320 | 0.0202 | <0.00305 | 0.0362 | <0.00316 | <0.00306 | <0.00315 | <0.00311 | <0.00315 | <0.00331 | <0.00309 | **420** | **1,700** | 19,000 |
| Pyrene | <0.00275 | <0.00270 | <0.00291 | <0.00277 | <0.00267 | <0.00264 | <0.00274 | <0.00273 | <0.00265 | <0.00273 | <0.00269 | <0.00273 | <0.00287 | <0.00268 | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00618 | <0.00607 | <0.00653 | <0.00622 | 1.51 | <0.00593 | <0.00614 | <0.00614 | <0.00594 | <0.00613 | <0.00605 | <0.00612 | <0.00644 | <0.00601 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | 0.0107 J | <0.00577 | <0.00621 | <0.00592 | 1.47 | <0.00564 | <0.00584 | <0.00584 | <0.00565 | <0.00583 | <0.00575 | <0.00582 | <0.00613 | <0.00572 | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00642 | <0.00630 | <0.00678 | <0.00646 | <0.00623 | <0.00615 | <0.00637 | <0.00637 | <0.00616 | <0.00636 | <0.00628 | <0.00635 | <0.00669 | <0.00624 | **670** | **5,000** | 50,000 |

| Client Sample ID | B-49 2.5-5' | B-49 7.5-10' | B-50 2.5-5' | B-50 7.5-10' | B-51 0-2.5' | B-51 7.5-10' | B-52 5-7.5' | B-52 7.5-10' | B-52 17.5-20' | B-53 5-7.5' | B-53 7.5-10' | B-54 2.5-5' | B-54 7.5-10' | B-55 5-7.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00303 | <0.00318 | <0.00323 | <0.00317 | 0.0122 | 0.0257 | 0.00333 J | 0.00859 | | | | <0.00314 | <0.00305 | <0.00311 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00275 | <0.00289 | <0.00294 | <0.00288 | 0.00355 J | 0.00571 J | <0.00280 | 0.00295 J | | | | <0.00285 | <0.00277 | <0.00282 | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00284 | <0.00299 | <0.00303 | <0.00298 | <0.00283 | 0.00575 J | <0.00289 | <0.00283 | | | | <0.00295 | <0.00287 | <0.00292 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | <0.00228 | <0.00239 | <0.00243 | <0.00238 | 0.0963 | 0.277 | 0.0273 | 0.0174 | | | | <0.00236 | <0.00230 | <0.00234 | **130** | **41** | 170 |
| Benzo(a)pyrene | <0.00236 | <0.00248 | <0.00251 | <0.00247 | 0.0988 | 0.348 | 0.0356 | 0.0181 | | | | <0.00244 | 0.00244 J | 0.00311 J | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | <0.00201 | <0.00212 | <0.00215 | <0.00211 | 0.139 | 0.499 | 0.0528 | 0.0265 | | | | <0.00209 | 0.00446 J | 0.00588 J | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00233 | <0.00245 | <0.00249 | <0.00244 | 0.0760 | 0.291 | 0.0357 | 0.0151 | | | | <0.00241 | 0.00285 J | 0.00394 J | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00283 | <0.00298 | <0.00302 | <0.00296 | 0.0482 | 0.166 | 0.0182 | 0.00985 | | | | <0.00293 | <0.00285 | <0.00290 | **4,500** | **420** | 1,700 |
| Chrysene | <0.00305 | <0.00321 | <0.00326 | <0.00320 | 0.0917 | 0.290 | 0.0303 | 0.0183 | | | | <0.00316 | <0.00308 | <0.00313 | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00226 | <0.00238 | <0.00242 | <0.00237 | 0.0165 | 0.0639 | 0.00637 J | 0.00301 J | | | | <0.00235 | <0.00228 | <0.00232 | **15** | **4** | 17 |
| Dibenzofuran | <0.00280 | <0.00295 | <0.00299 | <0.00294 | <0.00279 | 0.00386 J | <0.00285 | <0.00279 | N/A | N/A | N/A | <0.00290 | <0.00283 | <0.00288 | **33** | **270** | 2,700 |
| Fluoranthene | <0.00299 | <0.00314 | <0.00319 | <0.00313 | 0.249 | 0.697 | 0.0588 | 0.0516 | | | | <0.00310 | 0.00447 J | 0.00481 J | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00270 | <0.00284 | <0.00288 | <0.00283 | 0.00387 J | 0.00590 J | <0.00274 | <0.00269 | | | | <0.00280 | <0.00272 | <0.00277 | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00238 | <0.00251 | <0.00254 | <0.00249 | 0.0983 | 0.379 | 0.0422 | 0.0186 | | | | <0.00247 | 0.00311 J | 0.00421 J | **1,300** | **42** | 170 |
| Naphthalene | <0.00537 | 0.00597 J | 0.0105 J | <0.00562 | <0.00535 | <0.00524 | <0.00546 | 0.0200 J | | | | <0.00556 | <0.00542 | <0.00551 | **31** | **220** | 360 |
| Phenanthrene | <0.00304 | <0.00320 | <0.00324 | <0.00318 | 0.101 | 0.232 | 0.0220 | 0.0563 | | | | <0.00315 | <0.00307 | <0.00312 | **420** | **1,700** | 19,000 |
| Pyrene | <0.00263 | <0.00277 | <0.00281 | <0.00276 | 0.203 | 0.563 | 0.0501 | 0.0394 | | | | <0.00273 | 0.00368 J | 0.00411 J | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00591 | <0.00621 | <0.00631 | <0.00619 | <0.00588 | <0.00576 | <0.00601 | <0.00588 | | | | <0.00612 | <0.00596 | <0.00607 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00562 | 0.00800 J | <0.00600 | <0.00589 | <0.00560 | <0.00548 | <0.00572 | 0.0170 J | | | | <0.00582 | <0.00567 | <0.00577 | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00614 | <0.00645 | <0.00654 | <0.00642 | <0.00611 | <0.00598 | <0.00624 | <0.00610 | | | | <0.00635 | <0.00619 | <0.00630 | **670** | **5,000** | 50,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-55 7.5-10' | B-56 2.5-5' | B-56 7.5-10' | B-57 2' | B-58 0-2.5' | B-58 7.5-10' | B-59 0-2.5' | B-59 7.5-10' | B-60 0-2.5' | B-60 7.5-10' | B-61 0-2.5' | B-61 7.5-10' | B-62 0-2.5' | B-62 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00303 | <0.00314 | <0.00302 | <0.00281 | NOT PART OF THIS ASSESSMENT - OFF-SITE | | | | | | <0.00311 | <0.00294 | <0.00307 | <0.00297 | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00276 | <0.00285 | <0.00275 | <0.00256 | | | | | | | <0.00283 | <0.00267 | <0.00279 | <0.00270 | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00285 | <0.00295 | <0.00284 | <0.00264 | | | | | | | <0.00292 | <0.00276 | <0.00288 | <0.00279 | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | 0.00233 J | <0.00236 | <0.00227 | <0.00212 | | | | | | | <0.00234 | <0.00221 | <0.00231 | <0.00223 | **130** | **41** | 170 |
| Benzo(a)pyrene | 0.00297 J | <0.00244 | <0.00235 | <0.00219 | | | | | | | <0.00242 | <0.00229 | <0.00239 | <0.00231 | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | 0.00485 J | <0.00209 | <0.00201 | <0.00187 | | | | | | | <0.00207 | <0.00196 | <0.00204 | <0.00197 | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | 0.00330 J | <0.00242 | <0.00233 | <0.00217 | | | | | | | <0.00239 | <0.00226 | <0.00236 | <0.00228 | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00284 | <0.00293 | <0.00283 | <0.00263 | | | | | | | <0.00291 | <0.00275 | <0.00287 | <0.00277 | **4,500** | **420** | 1,700 |
| Chrysene | <0.00306 | <0.00317 | <0.00305 | <0.00284 | | | | | | | <0.00314 | <0.00297 | <0.00309 | <0.00299 | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00227 | <0.00235 | <0.00226 | <0.00210 | | | | | | | <0.00233 | <0.00220 | <0.00229 | <0.00222 | **15** | **4** | 17 |
| Dibenzofuran | <0.00281 | <0.00291 | <0.00280 | <0.00261 | | | | | | | <0.00288 | <0.00273 | <0.00284 | <0.00275 | **33** | **270** | 2,700 |
| Fluoranthene | 0.00532 J | <0.00310 | <0.00298 | <0.00278 | | | | | | | <0.00307 | <0.00290 | <0.00303 | <0.00293 | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00270 | <0.00280 | <0.00269 | <0.00251 | | | | | | | <0.00277 | <0.00262 | <0.00273 | <0.00265 | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | 0.00343 J | <0.00247 | <0.00238 | <0.00221 | | | | | | | <0.00245 | <0.00232 | <0.00241 | <0.00234 | **1,300** | **42** | 170 |
| Naphthalene | <0.00538 | <0.00557 | <0.00536 | <0.00499 | | | | | | | <0.00552 | <0.00522 | <0.00544 | <0.00527 | **31** | **220** | 360 |
| Phenanthrene | <0.00305 | <0.00315 | <0.00304 | <0.00283 | | | | | | | <0.00312 | <0.00296 | <0.00308 | <0.00298 | **420** | **1,700** | 19,000 |
| Pyrene | 0.00472 J | <0.00273 | <0.00263 | <0.00245 | | | | | | | <0.00270 | <0.00256 | <0.00267 | <0.00258 | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00592 | <0.00613 | <0.00590 | <0.00549 | | | | | | | <0.00607 | <0.00574 | <0.00599 | <0.00579 | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00563 | <0.00583 | <0.00561 | <0.00522 | | | | | | | <0.00577 | <0.00546 | <0.00569 | <0.00551 | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00615 | <0.00636 | <0.00612 | <0.00570 | | | | | | | <0.00630 | <0.00596 | <0.00621 | <0.00601 | **670** | **5,000** | 50,000 |

| Client Sample ID | B-63 2.5-5' | B-63 7.5-10' | B-64 0-2.5' | B-64 7.5-10' | B-65 0-2.5' | B-65 7.5-10' | B-66 2.5-5' | B-66 7.5-10' | B-67 2.5-5' | B-67 7.5-10' | B-68 2.5-5' | B-68 7.5-10' | B-69 0-2.5' | B-69 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00305 | <0.00294 | 0.0689 | 0.00693 J | <0.00279 | <0.00309 | <0.00277 | 0.00370 J | <0.00310 | 0.00347 J | <0.00307 | <0.00302 | | | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00277 | <0.00267 | 0.00821 | 0.00421 J | <0.00254 | <0.00280 | <0.00251 | <0.00284 | <0.00282 | <0.00271 | 0.00462 J | <0.00274 | | | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00286 | <0.00276 | <0.00286 | <0.00276 | <0.00262 | <0.00290 | <0.00260 | <0.00293 | <0.00291 | <0.00280 | <0.00289 | <0.00283 | | | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | <0.00229 | <0.00221 | 0.545 | 0.00888 | 0.0208 | <0.00232 | 0.00640 J | 0.0577 | <0.00233 | 0.0132 | 0.00520 J | <0.00227 | | | **130** | **41** | 170 |
| Benzo(a)pyrene | <0.00237 | <0.00229 | 0.327 | 0.00434 J | 0.0468 | <0.00240 | 0.0171 | 0.0737 | <0.00241 | 0.0116 | 0.00724 J | <0.00235 | | | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | <0.00203 | <0.00196 | 0.398 | 0.00626 J | 0.0644 | <0.00205 | 0.0188 | 0.102 | <0.00206 | 0.0170 | 0.00795 J | <0.00201 | | | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00235 | <0.00226 | 0.118 | 0.00232 J | 0.0580 | <0.00237 | 0.0256 | 0.0625 | <0.00239 | 0.00841 | <0.00236 | <0.00232 | | | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00285 | <0.00275 | 0.140 | <0.00275 | 0.0202 | <0.00288 | 0.00453 J | 0.0396 | <0.00290 | 0.00620 J | 0.00425 J | <0.00282 | | | **4,500** | **420** | 1,700 |
| Chrysene | <0.00308 | <0.00297 | 0.464 | 0.00813 | 0.0250 | <0.00311 | 0.00640 J | 0.0636 | <0.00313 | 0.0156 | 0.00465 J | <0.00304 | | | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00228 | <0.00220 | 0.0366 | <0.00220 | 0.0110 | <0.00231 | 0.00636 J | 0.0125 | <0.00232 | <0.00223 | <0.00230 | <0.00226 | | | **15** | **4** | 17 |
| Dibenzofuran | <0.00282 | <0.00273 | 0.00704 J | 0.00319 J | <0.00259 | <0.00286 | <0.00256 | <0.00289 | <0.00287 | <0.00276 | <0.00285 | <0.00279 | N/A | N/A | **33** | **270** | 2,700 |
| Fluoranthene | <0.00301 | <0.00290 | 1.59 | 0.0470 | 0.0379 | <0.00305 | 0.00882 | 0.107 | <0.00306 | 0.0465 | 0.0152 | <0.00298 | | | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00272 | <0.00262 | 0.0135 | 0.00672 J | 0.00250 J | <0.00275 | <0.00247 | <0.00278 | <0.00276 | 0.00295 J | 0.00743 J | <0.00269 | | | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00240 | <0.00232 | 0.164 | 0.00286 J | 0.0504 | <0.00243 | 0.0126 | 0.0705 | <0.00244 | 0.0107 | <0.00242 | <0.00237 | | | **1,300** | **42** | 170 |
| Naphthalene | <0.00541 | <0.00522 | 0.0533 | <0.00521 | <0.00496 | <0.00547 | <0.00491 | <0.00553 | <0.00550 | <0.00530 | 0.0571 | <0.00535 | | | **31** | **220** | 360 |
| Phenanthrene | <0.00306 | <0.00296 | 0.378 | 0.0464 | 0.00779 | <0.00310 | 0.00445 J | 0.0126 | <0.00311 | 0.0321 | 0.0234 | <0.00303 | | | **420** | **1,700** | 19,000 |
| Pyrene | <0.00265 | <0.00256 | 1.34 | 0.0345 | 0.0428 | <0.00268 | 0.0162 | 0.0838 | <0.00270 | 0.0315 | 0.0120 | <0.00262 | | | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00595 | <0.00574 | 0.0220 J | <0.00573 | <0.00546 | <0.00602 | <0.00540 | <0.00609 | <0.00605 | <0.00583 | 0.0113 J | <0.00589 | | | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00566 | <0.00546 | 0.0298 | <0.00545 | <0.00519 | <0.00573 | <0.00514 | <0.00579 | <0.00576 | <0.00554 | 0.0167 J | <0.00560 | | | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | <0.00618 | <0.00596 | <0.00616 | <0.00595 | <0.00566 | <0.00625 | <0.00561 | <0.00632 | <0.00628 | <0.00605 | <0.00623 | <0.00611 | | | **670** | **5,000** | 50,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | Blank | B-71 2.5-5' | B-71 10-12' | B-72 2.5-5' | B-72 7.5-10' | B-73 0-2.5' | B-73 7.5-10' | B-74 0-2.5' | B-74 7.5-10' | Blank | Blank | Blank | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 8/254/23 | 8/254/23 | 8/254/23 | 8/254/23 | | | | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | |
| Anthracene | | | | | | | <0.0282 U | <0.00309 U | <0.0274 U | 0.0189 | | | | | **6,900** | **18,000** | 190,000 |
| Acenaphthene | | | | | | | <0.0275 U | <0.00302 U | <0.0267 U | <0.00300 U | | | | | **240** | **3,000** | 37,000 |
| Acenaphthylene | | | | | | | <0.0298 U | <0.00327 U | <0.0289 U | <0.00325 U | | | | | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | | | | | | | 0.230 | <0.00278 U | 0.0859 | 0.0837 | | | | | **130** | **41** | 170 |
| Benzo(a)pyrene | | | | | | | 0.266 | <0.00318 U | 0.0823 | 0.0443 | | | | | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | | | | | | | 0.423 | <0.00357 U | 0.148 | 0.0874 | | | | | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | | | | | | | 0.229 | <0.00344 U | 0.0696 | 0.0225 | | | | | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | | | | | | | 0.143 | <0.00346 U | 0.0478 | 0.0282 | | | | | **4,500** | **420** | 1,700 |
| Chrysene | | | | | | | 0.295 | <0.00241 U | 0.112 | 0.109 | | | | | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | Blank | Blank | N/A | N/A | N/A | N/A | 0.0509 | <0.00346 U | <0.0307 U | 0.00780 | Blank | Blank | Blank | Blank | **15** | **4** | 17 |
| Dibenzofuran | | | | | | | <0.0277 U | <0.00304 U | <0.0269 U | <0.000302 U | | | | | **33** | **270** | 2,700 |
| Fluoranthene | | | | | | | 0.607 | <0.00304 U | 0.286 | 0.309 | | | | | **1,900** | **2,300** | 25,000 |
| Fluorene | | | | | | | <0.0278 U | <0.00304 U | <0.0270 U | <0.00303 U | | | | | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | | | | | 0.196 | <0.00327 U | 0.0570 | 0.0227 | | | | | **1,300** | **42** | 170 |
| Naphthalene | | | | | | | <0.0285 U | <0.00312 U | <0.0277 U | <0.00311 U | | | | | **31** | **220** | 360 |
| Phenanthrene | | | | | | | 0.187 | <0.00304 U | 0.118 | 0.129 | | | | | **420** | **1,700** | 19,000 |
| Pyrene | | | | | | | 0.465 | <0.00308 U | 0.217 | 0.253 | | | | | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | | | | | | | <0.0268 U | <0.00293 U | <0.00260 U | <0.00292 U | | | | | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | | | | | | | <0.0275 U | <0.00301 U | <0.00267 U | <0.00300 U | | | | | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | | | | | | | NA | NA | NA | NA | | | | | **670** | **5,000** | 50,000 |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

Borings related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/kg - milligrams per kilogram

NA - Not Analyzed

NSP - No Standard Published

**Qualifiers (Modern Geosciences Samples):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

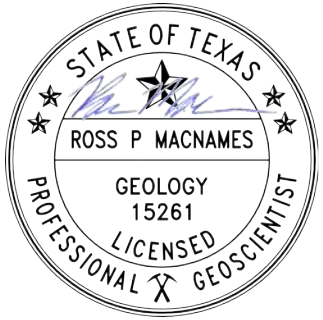
**Qualifiers (MW-9 to MW-19 and SB-14 to SB-72):**

J: The identification of the analyte is acceptable; the reported value is an estimate

**Qualifiers (SB-73 to SB-74):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value

U: Analyte was detected at or above the SDL




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | *MW-2 1-2' | *MW-3 0.5-1.5' | *MW-3 2-3' | *MW-4 9-10' | *MW-5 19-20' | *MW-6 2-3' | *MW-7 0-1' | *MW-8 0--1' | *B-1 0-1' | *B-1 4-5' | *B-2 0.5-1.5' | *B-2 2-3' | *B-3 0.5-1.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | Blank | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | *B-3 6-7' | *B-4 6-7' | *B-5 9-10' | *B-6 1-2' | *B-7 1-2' | *B-7 3-4' | Blank | *B-9 0-1' | *B-10 0-1' | *B-10 2-3' | *B-11 1-2' | *B-11 2-3' | Blank | *B-13 2-3' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | Blank | N/A | N/A | N/A | N/A | N/A | Blank | N/A | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | MW-9 2.5-5' | MW-9 30-31' | MW-9 35' | MW-10 2.5-5' | MW-10 32-33' | MW-10 40' | Blank | Blank | Blank | MW-12 2.5-5' | MW-12 31-32' | MW-12 40' | Blank | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | Blank | Blank | Blank | N/A | N/A | N/A | Blank | Blank | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | Blank | MW-14 0-2.5' | MW-14 34-35' | MW-14 40' | MW-15 0-2.5' | MW-15 5-7.5' | MW-15 14' | MW-15 40' | MW-16 27.5-30' | MW-16 32.5-35' | MW-17 0-5' | MW-17 30-32.5' | MW-17 37.5-40' | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 5/4/2021 | 5/4/2021 | 5/4/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | Blank | N/A | N/A | N/A | <0.0158 | <0.0153 | <0.0151 | <0.0160 | N/A | N/A | N/A | N/A | N/A | Blank | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | <0.0158 | <0.0153 | <0.0151 | <0.0160 | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | <0.0158 | <0.0153 | <0.0151 | <0.0160 | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | <0.0158 | 0.137 P | 0.0384 J | 0.0264 J | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | <0.00987 | <0.00954 | <0.00943 | <0.00999 | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | <0.00987 | <0.00954 | <0.00943 | <0.00999 | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | <0.00987 | <0.00954 | <0.00943 | <0.00999 | | | | | | | 11 | 1.1 | 7.7 |

# Table 1: Soil Analytical Summary Table (TRRP)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | Blank | MW-19 2.5-5' | MW-19 30-32.5' | MW-19 32.5-35' | B-14 2-4' | B-14 8-10' | B-15 0-5' | B-15 8-10' | B-15 14-15' | B-16 0-2' | B-16 8-10' | B-17 0-2' | B-17 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/1/2022 | 2/1/2022 | 2/1/2022 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | Blank | Blank | N/A | N/A | N/A | <0.0157 | <0.0152 | <0.0155 | <0.0150 | <0.0152 | <0.0157 | <0.0162 | <0.0159 | <0.0154 | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | <0.0157 | <0.0152 | <0.0155 | <0.0150 | <0.0152 | <0.0157 | <0.0162 | <0.0159 | <0.0154 | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | <0.0157 | <0.0152 | <0.0155 | <0.0150 | <0.0152 | <0.0157 | <0.0162 | <0.0159 | <0.0154 | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | <0.0157 | 0.0263 J,P | <0.0155 | <0.0150 | <0.0152 | <0.0157 | <0.0162 | <0.0159 | <0.0154 | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | <0.00981 | <0.00951 | <0.00968 | <0.00938 | <0.00947 | <0.00977 | <0.0101 | <0.00995 | <0.00964 | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | <0.00981 | <0.00951 | <0.00968 | <0.00938 | <0.00947 | <0.00977 | <0.0101 | 0.0247 J | <0.00964 | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | <0.00981 | <0.00951 | <0.00968 | <0.00938 | <0.00947 | <0.00977 | <0.0101 | <0.00995 | <0.00964 | 11 | 1.1 | 7.7 |

| Client Sample ID | B-18 0-2' | B-18 8-10' | B-19 0-2' | B-19 8-10' | B-20 0-2' | B-20 8-10' | B-21 2-4' | B-21 8-10' | B-22 0-2' | B-22 6-8' | B-23 2-4' | B-23 8-10' | B-24 2-4' | B-24 8-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | <0.0140 J5 | <0.0151 | <0.0140 | <0.0152 | <0.0154 | <0.0151 | <0.0156 | <0.0150 | <0.0149 | <0.0154 | <0.0156 | <0.0149 | <0.0157 | <0.0152 | 11 | 1.1 | 7.7 |
| PCB 1221 | <0.0140 | <0.0151 | <0.0140 | <0.0152 | <0.0154 | <0.0151 | <0.0156 | <0.0150 | <0.0149 | <0.0154 | <0.0156 | <0.0149 | <0.0157 | <0.0152 | 11 | 1.1 | 7.7 |
| PCB 1232 | <0.0140 | <0.0151 | <0.0140 | <0.0152 | <0.0154 | <0.0151 | <0.0156 | <0.0150 | <0.0149 | <0.0154 | <0.0156 | <0.0149 | <0.0157 | <0.0152 | 11 | 1.1 | 7.7 |
| PCB 1242 | <0.0140 | <0.0151 | <0.0140 | 0.0153 J,P | <0.0154 | 0.0207 J,P | <0.0156 | 0.0239 J | <0.0149 | <0.0154 | <0.0156 | 0.0695 | <0.0157 | <0.0152 | 11 | 1.1 | 7.7 |
| PCB 1248 | <0.00874 | <0.00941 | <0.00873 | <0.00946 | <0.00962 | <0.00944 | <0.00973 | <0.00939 | <0.00929 | <0.00962 | <0.00974 | <0.00929 | <0.00982 | <0.00950 | 11 | 1.1 | 7.7 |
| PCB 1254 | <0.00874 | <0.00941 | <0.00873 | <0.00946 | <0.00962 | <0.00944 | <0.00973 | <0.00939 | <0.00929 | <0.00962 | <0.00974 | <0.00929 | <0.00982 | <0.00950 | 11 | 1.1 | 7.7 |
| PCB 1260 | <0.00874 J3,J5 | <0.00941 | <0.00873 | <0.00946 | <0.00962 | <0.00944 | <0.00973 | <0.00939 | <0.00929 | <0.00962 | <0.00974 | <0.00929 | <0.00982 | <0.00950 | 11 | 1.1 | 7.7 |

| Client Sample ID | B-25 0-2' | B-25 8-10' | B-26 0-2' | B-26 8-10' | B-27 0-2' | B-27 8-10' | B-28 0-5' | B-28 8-10' | B-29 0-5' | B-29 8-10' | B-30 0-2' | B-30 8-10' | B-31 2-4 | B-31 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | <0.0159 | <0.0151 | <0.0156 | <0.0152 | <0.0152 | <0.0152 | <0.0157 | <0.0151 | <0.0155 J3,J5 | <0.0152 | <0.0158 | <0.0152 | <0.0154 | <0.0151 | 11 | 1.1 | 7.7 |
| PCB 1221 | <0.0159 | <0.0151 | <0.0156 | <0.0152 | <0.0152 | <0.0152 | <0.0157 | <0.0151 | <0.0155 | <0.0152 | <0.0158 | <0.0152 | <0.0154 | <0.0151 | 11 | 1.1 | 7.7 |
| PCB 1232 | <0.0159 | <0.0151 | <0.0156 | <0.0152 | <0.0152 | <0.0152 | <0.0157 | <0.0151 | <0.0155 | <0.0152 | <0.0158 | <0.0152 | <0.0154 | <0.0151 | 11 | 1.1 | 7.7 |
| PCB 1242 | 0.102 P | 0.0204 J | 0.0277 J,P | <0.0152 | <0.0152 | 0.0515 | 0.0235 J,P | 0.0175 J | 0.0445 J,P | 0.0388 J | 0.0632 J | 0.0293 J,P | <0.0154 | <0.0151 | 11 | 1.1 | 7.7 |
| PCB 1248 | <0.00991 | <0.00945 | <0.00975 | <0.00949 | <0.00948 | <0.00948 | <0.00980 | <0.00941 | <0.00966 | <0.00952 | <0.00985 | <0.00951 | <0.00961 | <0.00944 | 11 | 1.1 | 7.7 |
| PCB 1254 | <0.00991 | <0.00945 | <0.00975 | <0.00949 | <0.00948 | <0.00948 | <0.00980 | <0.00941 | <0.00966 | <0.00952 | <0.00985 | <0.00951 | <0.00961 | <0.00944 | 11 | 1.1 | 7.7 |
| PCB 1260 | <0.00991 | <0.00945 | <0.00975 | <0.00949 | <0.00948 | <0.00948 | <0.00980 | <0.00941 | <0.00966 | <0.00952 | <0.00985 | <0.00951 | <0.00961 | <0.00944 | 11 | 1.1 | 7.7 |

| Client Sample ID | B-32 2-4' | B-32 8-10' | B-33 0-2' | B-33 8-10' | B-33 12-15' | B-34 2.5-5' | B-35 2.5-5' | B-36 2.5-5' | B-37 2.5' | B-38 2.5' | B-39 1' | B-40 2.5' | B-41 5-7.5' | B-41 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | <0.0157 | <0.0150 | <0.0147 | <0.0149 | <0.0147 | <0.0159 | <0.0159 | <0.0159 | <0.0167 | <0.0168 | | | | | 11 | 1.1 | 7.7 |
| PCB 1221 | <0.0157 | <0.0150 | <0.0147 | <0.0149 | <0.0147 | <0.0159 | <0.0159 | <0.0159 | <0.0167 | <0.0168 | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | <0.0157 | <0.0150 | <0.0147 | <0.0149 | <0.0147 | <0.0159 | <0.0159 | <0.0159 | <0.0167 | <0.0168 | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | <0.0157 | <0.0150 | <0.0147 | 0.0525 | <0.0147 | <0.0159 | <0.0159 | <0.0159 | <0.0167 | <0.0168 | N/A | N/A | N/A | N/A | 11 | 1.1 | 7.7 |
| PCB 1248 | <0.00983 | <0.00935 | <0.00920 | <0.00929 | <0.00917 | <0.00995 | <0.00995 | <0.00994 | <0.0104 | <0.0105 | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | <0.00983 | <0.00935 | <0.00920 | <0.00929 | <0.00917 | <0.00995 | <0.00995 | 0.0118 J | <0.0104 | <0.0105 | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | <0.00983 | <0.00935 | <0.00920 | <0.00929 | <0.00917 | <0.00995 | <0.00995 | <0.00994 | <0.0104 | <0.0105 | | | | | 11 | 1.1 | 7.7 |

# Table 1: Soil Analytical Summary Table (TRRP)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-42 5-7.5' | B-42 7.5-10' | B-43 0-2.5' | B-43 7.5-10' | B-44 2.5-5' | B-44 7.5-10' | B-45 2.5-5' | B-45 7.5-10' | B-46 5-7.5' | B-46 7.5-10' | B-47 2.5-5' | B-47 7.5-10' | B-48 5-7.5' | B-48 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | B-49 2.5-5' | B-49 7.5-10' | B-50 2.5-5' | B-50 7.5-10' | B-51 0-2.5' | B-51 7.5-10' | B-52 5-7.5' | B-52 7.5-10' | B-52 17.5-20' | B-53 5-7.5' | B-53 7.5-10' | B-54 2.5-5' | B-54 7.5-10' | B-55 5-7.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | B-55 7.5-10' | B-56 2.5-5' | B-56 7.5-10' | B-57 2' | B-58 0-2.5' | B-58 7.5-10' | B-59 0-2.5' | B-59 7.5-10' | B-60 0-2.5' | B-60 7.5-10' | B-61 0-2.5' | B-61 7.5-10' | B-62 0-2.5' | B-62 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | NOT PART OF THIS ASSESSMENT - OFF-SITE | | | | | | N/A | N/A | N/A | N/A | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | B-63 2.5-5' | B-63 7.5-10' | B-64 0-2.5' | B-64 7.5-10' | B-65 0-2.5' | B-65 7.5-10' | B-66 2.5-5' | B-66 7.5-10' | B-67 2.5-5' | B-67 7.5-10' | B-68 2.5-5' | B-68 7.5-10' | B-69 0-2.5' | B-69 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

# Table 1: Soil Analytical Summary Table (TRRP)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| **Client Sample ID** | **Blank** | **Blank** | **B-71 2.5-5'** | **B-71 10-12'** | **B-72 2.5-5'** | **B-72 7.5-10'** | **B-73 0-2.5'** | **B-73 7.5-10'** | **B-74 0-2.5'** | **B-74 7.5-10'** | **Blank** | **Blank** | **Blank** | **Blank** | **$^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg** | **$^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 8/254/23 | 8/254/23 | 8/254/23 | 8/254/23 | | | | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **11** | **1.1** | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | **11** | **1.1** | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | **11** | **1.1** | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | **11** | **1.1** | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | **11** | **1.1** | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | **11** | **1.1** | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | **11** | **1.1** | 7.7 |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

Borings related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/kg - milligrams per kilogram

NA - Not Analyzed

**Qualifiers (Consolidated Consulting Group Samples):**

J: The identification of the analyte is acceptable; the reported value is an estimate

P: RPD between the primary and confirmatory analysis exceeded 40%

J3: The associated batch QC was outside the established quality control range for precision

J5: The sample matrix interfered with the ability to make any accurate determination; spike value is high




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

Total Petroleum Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | Blank | *MW-2 1-2' | *MW-3 0.5-1.5' | *MW-3 2-3' | *MW-4 9-10' | *MW-5 19-20' | *MW-6 2-3' | *MW-7 0-1' | *MW-8 0--1' | *B-1 0-1' | *B-1 4-5' | *B-2 0.5-1.5' | *B-2 2-3' | *B-3 0.5-1.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005 via 5035** | | | | | | | | | | | | | | | | | |
| C6-C12 | Blank | <6.43 U | <9.88 U | N/A | <9.31 U | <8.58 U | <9.46 U | <0.387 U | N/A | N/A | <27.5 U | <27.9 U | N/A | N/A | **65** | **1,600** | 3,900 |
| C12-C28 | | <6.43 U | <9.88 U | | <9.31 U | <8.58 U | <9.46 U | 2.12 J | | | <27.5 U | <27.9 U | | | **200** | **2,300** | 12,000 |
| C28-C35 | | <6.43 U | <9.88 U | | <9.31 U | <8.58 U | <9.46 U | 3.25 | | | <27.5 U | <27.9 U | | | **200** | **2,300** | 12,000 |

| Client Sample ID | *B-3 6-7' | *B-4 6-7' | *B-5 9-10' | *B-6 1-2' | *B-7 1-2' | *B-7 3-4' | Blank | *B-9 0-1' | *B-10 0-1' | *B-10 2-3' | *B-11 1-2' | *B-11 2-3' | Blank | *B-13 2-3' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | | 12/22/2020 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005 via 5035** | | | | | | | | | | | | | | | | | |
| C6-C12 | <27.8 U | <28.0 U | <27.1 U | **399** | <28.4 U | N/A | Blank | <28.9 U | **109** | N/A | <23.4 U | N/A | Blank | <28.3 U | **65** | **1,600** | 3,900 |
| C12-C28 | 28.7 J | <28.0 U | <27.1 U | **261** | <28.4 U | | | <28.9 U | **820** | | <23.4 U | | | <28.3 U | **200** | **2,300** | 12,000 |
| C28-C35 | <27.8 U | <28.0 U | <27.1 U | 47.4 J | <28.4 U | | | <28.9 U | **429** | | <23.4 U | | | <28.3 U | **200** | **2,300** | 12,000 |

| Client Sample ID | MW-9 2.5-5' | MW-9 30-31' | MW-9 35' | MW-10 2.5-5' | MW-10 32-33' | MW-10 40' | Blank | Blank | Blank | MW-12 2.5-5' | MW-12 31-32' | MW-12 40' | Blank | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | 5/3/2021 | 5/3/2021 | 5/3/2021 | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <19.6 | <18.5 | <17.8 | <18.8 | <18.2 | <18.0 | Blank | Blank | Blank | <20.6 | <19.1 | <18.7 | Blank | Blank | **65** | **1,600** | 3,900 |
| C12-C28 | <19.6 | <18.5 | <17.8 | <18.8 | <18.2 | <18.0 | | | | <20.6 | <19.1 | <18.7 | | | **200** | **2,300** | 12,000 |
| C28-C35 | <19.6 | <18.5 | <17.8 | <18.8 | <18.2 | <18.0 | | | | <20.6 | <19.1 | <18.7 | | | **200** | **2,300** | 12,000 |

| Client Sample ID | Blank | MW-14 0-2.5' | MW-14 34-35' | MW-14 40' | MW-15 0-2.5' | MW-15 5-7.5' | MW-15 14' | MW-15 40' | MW-16 27.5-30' | MW-16 32.5-35' | MW-17 0-5' | MW-17 30-32.5' | MW-17 37.5-40' | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | 5/4/2021 | 5/4/2021 | 5/4/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | 1/31/2022 | | | | |
| Analyte | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | Blank | <17.8 | <18.2 | <18.6 | 37.5 J | 40.1 J | <19.2 | <20.3 | <18.0 | <18.5 | <20.6 | <18.3 | <19.0 | Blank | **65** | **1,600** | 3,900 |
| C12-C28 | | **243** | <18.2 | <18.6 | **1,340** | **1,450** | 70.1 | <20.3 | <18.0 | <18.5 | <20.6 | <18.3 | <19.0 | | **200** | **2,300** | 12,000 |
| C28-C35 | | 133 | <18.2 | <18.6 | **1,580** | **1,580** | 72.3 | <20.3 | <18.0 | <18.5 | <20.6 | <18.3 | <19.0 | | **200** | **2,300** | 12,000 |

| Client Sample ID | Blank | Blank | MW-19 2.5-5' | MW-19 30-32.5' | MW-19 32.5-35' | B-14 2-4' | B-14 8-10' | B-15 0-5' | B-15 8-10' | B-15 14-15' | B-16 0-2' | B-16 8-10' | B-17 0-2' | B-17 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/1/2022 | 2/1/2022 | 2/1/2022 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | Blank | Blank | <20.5 | <18.5 | <18.4 | <19.9 | <19.3 | 35.2 J | 46.4 J | <19.3 | <19.9 | <20.6 | <20.2 | **<196** | **65** | **1,600** | 3,900 |
| C12-C28 | | | <20.5 | <18.5 | <18.4 | <19.9 | <19.3 | **558** | **1,530** | **528** | 42.4 J | <20.6 | 56.4 J | **4,230** | **200** | **2,300** | 12,000 |
| C28-C35 | | | <20.5 | <18.5 | <18.4 | <19.9 | <19.3 | **1,400** | **716** | **223** | <19.9 | <20.6 | 77.6 | **4,730** | **200** | **2,300** | 12,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Total Petroleum Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-18 0-2' | B-18 8-10' | B-19 0-2' | B-19 8-10' | B-20 0-2' | B-20 8-10' | B-21 2-4' | B-21 8-10' | B-22 0-2' | B-22 6-8' | B-23 2-4' | B-23 8-10' | B-24 2-4' | B-24 8-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <17.8 | <19.1 | <17.9 | <19.2 | <19.6 | <19.2 | <19.8 | <19.1 | <18.9 | <19.6 | <19.8 | <18.9 | <20.0 | <19.3 | **65** | **1,600** | 3,900 |
| C12-C28 | **782** | <19.1 | <17.9 | <19.2 | <19.6 | <19.2 | <19.8 | <19.1 | **921** | <19.6 | <19.8 | <18.9 | <20.0 | <19.3 | **200** | **2,300** | 12,000 |
| C28-C35 | **876** | <19.1 | <17.9 | <19.2 | 42.1 J | 38.7 J | <19.8 | <19.1 | **1,860** | <19.6 | <19.8 | <18.9 | <20.0 | <19.3 | **200** | **2,300** | 12,000 |

| Client Sample ID | B-25 0-2' | B-25 8-10' | B-26 0-2' | B-26 8-10' | B-27 0-2' | B-27 8-10' | B-28 0-5' | B-28 8-10' | B-29 0-5' | B-29 8-10' | B-30 0-2' | B-30 8-10' | B-31 2-4 | B-31 6-8' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <20.2 | <19.2 | <19.8 | <19.3 | <19.3 | <19.3 | <20.3 | <19.1 | <19.6 | <19.3 | <20.0 | <19.3 | <19.5 | <19.2 | **65** | **1,600** | 3,900 |
| C12-C28 | <20.2 | <19.2 | <19.8 | <19.3 | <19.3 | <19.3 | <20.3 | <19.1 | <19.6 | <19.3 | <20.0 | <19.3 | <19.5 | <19.2 | **200** | **2,300** | 12,000 |
| C28-C35 | <20.2 | <19.2 | <19.8 | <19.3 | <19.3 | <19.3 | <20.3 | <19.1 | <19.6 | <19.3 | <20.0 | <19.3 | <19.5 | <19.2 | **200** | **2,300** | 12,000 |

| Client Sample ID | B-32 2-4' | B-32 8-10' | B-33 0-2' | B-33 8-10' | B-33 12-15' | B-34 2.5-5' | B-35 2.5-5' | B-36 2.5-5' | B-37 2.5' | B-38 2.5' | B-39 1' | B-40 2.5' | B-41 5-7.5' | B-41 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 8/3/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <20.6 | <19.0 | <18.7 | <18.9 | <18.6 | | | | <21.2 | <21.4 | <24.3 | <27.2 | <21.5 | <20.0 | **65** | **1,600** | 3,900 |
| C12-C28 | <20.6 | 19.1 J | **238** | **209** | <18.6 | N/A | N/A | N/A | <21.2 | <21.4 | <24.3 | <27.2 | 115 | **558** | **200** | **2,300** | 12,000 |
| C28-C35 | <20.6 | 32.3 J | **206** | 165 | <18.6 | | | | <21.2 | <21.4 | <24.3 | <27.2 | 86.3 | **365** | **200** | **2,300** | 12,000 |

| Client Sample ID | B-42 5-7.5' | B-42 7.5-10' | B-43 0-2.5' | B-43 7.5-10' | B-44 2.5-5' | B-44 7.5-10' | B-45 2.5-5' | B-45 7.5-10' | B-46 5-7.5' | B-46 7.5-10' | B-47 2.5-5' | B-47 7.5-10' | B-48 5-7.5' | B-48 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <20.7 | <20.3 | <21.8 | <21.0 | **89.3** | 21.9 J | <20.5 | <20.5 | <19.8 | <20.5 | <20.2 | <21.5 | <21.5 | <20.1 | **65** | **1,600** | 3,900 |
| C12-C28 | <20.7 | <20.3 | <21.8 | <21.0 | **306** | **338** | **2,870** | <20.5 | <19.8 | <20.5 | <20.2 | <21.5 | <21.5 | <20.1 | **200** | **2,300** | 12,000 |
| C28-C35 | <20.7 | <20.3 | <21.8 | <21.0 | 33.4 J | **384** | **606** | <20.5 | <19.8 | <20.5 | <20.2 | <21.5 | <21.5 | <20.1 | **200** | **2,300** | 12,000 |

| Client Sample ID | B-49 2.5-5' | B-49 7.5-10' | B-50 2.5-5' | B-50 7.5-10' | B-51 0-2.5' | B-51 7.5-10' | B-52 5-7.5' | B-52 7.5-10' | B-52 17.5-20' | B-53 5-7.5' | B-53 7.5-10' | B-54 2.5-5' | B-54 7.5-10' | B-55 5-7.5' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/2/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <19.7 | <20.8 | <21.1 | <20.7 | <19.7 | <19.3 | <20.3 | <19.6 | <19.7 | <19.4 | <19.8 | <20.5 | <19.9 | <20.3 | **65** | **1,600** | 3,900 |
| C12-C28 | <19.7 | <20.8 | <21.1 | <20.7 | 24.8 J | <19.3 | <20.3 | <19.6 | <19.7 | <19.4 | <19.8 | <20.5 | <19.9 | <20.3 | **200** | **2,300** | 12,000 |
| C28-C35 | <19.7 | <20.8 | <21.1 | <20.7 | 73.8 | <19.3 | <20.3 | <19.6 | <19.7 | <19.4 | <19.8 | <20.5 | <19.9 | <20.3 | **200** | **2,300** | 12,000 |

# Table 1: Soil Analytical Summary Table (TRRP)

Total Petroleum Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | B-55 7.5-10' | B-56 2.5-5' | B-56 7.5-10' | B-57 2' | B-58 0-2.5' | B-58 7.5-10' | B-59 0-2.5' | B-59 7.5-10' | B-60 0-2.5' | B-60 7.5-10' | B-61 0-2.5' | B-61 7.5-10' | B-62 0-2.5' | B-62 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | <20.2 | <20.5 | <19.9 | <18.4 | NOT PART OF THIS ASSESSMENT - OFF-SITE | | | | | | N/A | N/A | N/A | N/A | **65** | **1,600** | 3,900 |
| C12-C28 | <20.2 | <20.5 | <19.9 | <18.4 | | | | | | | | | | | **200** | **2,300** | 12,000 |
| C28-C35 | <20.2 | <20.5 | <19.9 | <18.4 | | | | | | | | | | | **200** | **2,300** | 12,000 |

| Client Sample ID | B-63 2.5-5' | B-63 7.5-10' | B-64 0-2.5' | B-64 7.5-10' | B-65 0-2.5' | B-65 7.5-10' | B-66 2.5-5' | B-66 7.5-10' | B-67 2.5-5' | B-67 7.5-10' | B-68 2.5-5' | B-68 7.5-10' | B-69 0-2.5' | B-69 7.5-10' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | N/A | N/A | <19.8 | <19.2 | <18.2 | <20.1 | <19.8 | <20.3 | <20.2 | <19.5 | **<200** | <19.7 | <19.0 | <20.1 | **65** | **1,600** | 3,900 |
| C12-C28 | | | <19.8 | <19.2 | <18.2 | <20.1 | 84.2 | 21.6 J | <20.2 | <19.5 | **1,280** | **554** | <19.0 | <20.1 | **200** | **2,300** | 12,000 |
| C28-C35 | | | <19.8 | <19.2 | <18.2 | <20.1 | 191 | 48.4 J | <20.2 | <19.5 | **1,620** | **605** | <19.0 | <20.1 | **200** | **2,300** | 12,000 |

| Client Sample ID | Blank | Blank | B-71 2.5-5' | B-71 10-12' | B-72 2.5-5' | B-72 7.5-10' | B-73 0-2.5' | B-73 7.5-10' | B-74 0-2.5' | B-74 7.5-10' | Blank | Blank | Blank | Blank | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | | | 2/7/2022 | 2/7/2022 | 2/7/2022 | 2/7/2022 | 8/254/23 | 8/254/23 | 8/254/23 | 8/254/23 | | | | | | | |
| Analyte | | | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | |
| C6-C12 | Blank | Blank | <18.8 | <19.2 | <24.5 | <22.9 | <22.1 U | <21.1 U | <18.6 U | <24.7 U | Blank | Blank | Blank | Blank | **65** | **1,600** | 3,900 |
| C12-C28 | | | <18.8 | <19.2 | <24.5 | <22.9 | 60.6 | <21.1 U | <18.6 U | <24.7 U | | | | | **200** | **2,300** | 12,000 |
| C28-C35 | | | <18.8 | <19.2 | <24.5 | <22.9 | 110 | <21.1 U | <18.6 U | <24.7 U | | | | | **200** | **2,300** | 12,000 |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

Borings related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/kg - milligrams per kilogram

NA - Not Analyzed

**Qualifiers (Modern Geosciences Samples):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

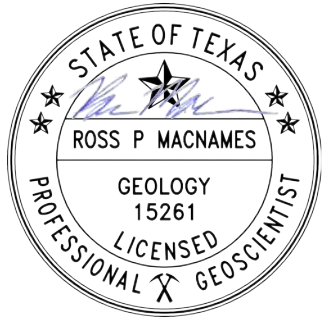
U: Analyte was not detected

**Qualifiers (MW-9 to MW-19 and SB-14 to SB-72):**

J: The identification of the analyte is acceptable; the reported value is an estimate

**Qualifiers (SB-73 to SB-74):**

U: Analtye was detected at or above the SDL




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

Total Petroleum Hydrocarbons - Aliphatics and Aromatics

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | *B-6 1-2' | *B-10 0-1' | B-15 8-10' | B-17 6-8' | B-22 0-2' | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs mg/kg |
|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 8/3/2021 | 8/3/2021 | 8/3/2021 | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1006** | | | | | | | | |
| C8 to C10 Aliphatics | 106 + | 18.7 + | <12.7 | <13.1 | <12.6 | **3,600** | **4,000** | 9,700 |
| C10-C12 Aliphatics | 159 + | 33.7 + | 15.6 J | 22.2 J | <12.6 | **25,000** | **3,600** | 9,300 |
| C12-C16 Aliphatics | 67.4 + | 58.0 + | 14.7 J | 39.8 | <12.6 | **490,000** | **4,300** | 14,000 |
| C16-C21 Aliphatics | 31.3 + | 140 + | 207 | 332 | <12.6 | **1,000,000** | **130,000** | 1,000,000 |
| C21-C35 Aliphatics | <25.8 U,+ | 1,160 + | 960 | 4,770 | 1,760 | **1,000,000** | **130,000** | 1,000,000 |
| C10 to C12 Aromatic | 53.6 + | 20.6 + | <12.7 | <13.1 | <12.6 | **100** | **1,900** | 6,900 |
| C12 to C16 Aromatic | 76.7 + | 46.3 + | <12.7 | <13.1 | <12.6 | **200** | **2,300** | 12,000 |
| C16-C21 Aromatics | 10.1 + | 15.9 + | 80.2 | 89.5 | <12.6 | **470** | **2,000** | 20,000 |
| C21-C35 Aromatics | <21.2 U,+ | <20.9 U,+ | 242 | 472 | 328 | **3,700** | **2,000** | 20,000 |
| All other TPH analytes are below laboratory sample detection limits | | | | | | | | |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional C

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

**Qualifiers (Modern Geosciences Samples):**

+: NELAC certification not offered for this compound

U: Analyte was not detected

**Qualifiers (Consolidated Consulting Group Samples):**

J: The identification of the analyte is acceptable; the reported value is an estimate

| Client Sample ID | B-15 8-10' | B-17 6-8' | B-22 0-2' |
|---|---|---|---|
| Date Collected | 8/3/2021 | 8/3/2021 | 8/3/2021 |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | |
| Total TPH | 2290 | 9,156 | 2,780 |
| $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs - TPH Mix mg/kg | **8,900** | **30,100** | **23,600** |
| $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs - TPH Mix mg/kg | **12,600** | **24,300** | **12,700** |
| $^{Air}Soil_{Inh-V}$ Tier 1 Residential PCLs - TPH Mix mg/kg | **750,000** | **1,730,000** | -- |
| $^{GW}Soil_{Ing}$ Tier 1 Comm/Ind. PCLs - TPH Mix mg/kg | **26,500** | **89,600** | **70,000** |
| $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. PCLs - TPH Mix mg/kg | 126,000 | 243,000 | 127,000 |
| $^{Air}Soil_{Inh-V}$ Tier 1 Comm/Ind. PCLs - TPH Mix mg/kg | **1,070,000** | **2,450,000** | -- |

**Notes:**

Bolded values are above the calculated TRRP Tier I Residential $^{GW}Soil_{Ing}$ $PCL_{TPH\ Mix.}$

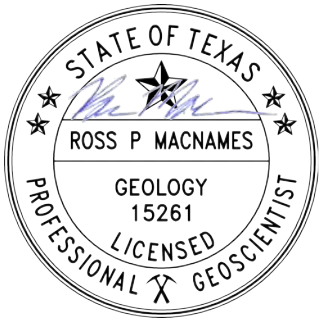
Bolded and underlined values are above the calculated TRRP Tier I Residential $^{Tot}Soil_{Comb}$ $PCL_{TPH\ Mix.}$

Bolded and double underlined values are above the calculated TRRP Tier I Commercial/Industrial $^{GW}Soil_{Ing}$ $PCL_{TPH\ Mix.}$

Gray shaded values are above the calculated TRRP Tier I Commercial/Industrial $^{Tot}Soil_{Comb}$ $PCL_{TPH\ Mix.}$

Yellow shaded and bolded values are above the calculated TRRP Tier I Residential $^{Air}Soil_{Inh-V}$ $PCL_{TPH\ Mix.}$

Yellow shaded and bolded and underlined values are above the calculated TRRP Tier I Commercial/Industrial $^{Air}Soil_{Inh-V}$ $PCL_{TPH\ Mix.}$




11/14/25

# Table 1: Soil Analytical Summary Table (TRRP)

RCRA 8 Metals - Synthetic Precipitation Leaching Procedure

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | ***MW-3 0.5-1.5'** | ***B-2 0.5-1.5'** | ***B-10 0-1'** | ***B-11 1-2'** | **MW-14 0-2.5'** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{GW}GW_{Ing}$ Tier 1 Comm/Ind. PCLs mg/l** |
|---|---|---|---|---|---|---|---|
| Date Collected | 12/21/2020 | 12/22/2020 | 12/22/2020 | 12/22/2020 | 5/4/2021 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Metals (ICP) by EPA Method 6010B** | | | | | | | |
| Arsenic | 0.00400 J | 0.00401 | 0.00341 J | 0.00734 | <0.00440 | **0.01** | **0.01** |
| Lead | N/A | 0.00164 J | 0.00103 J | 0.00372 | <0.00299 | **0.015** | **0.015** |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | |
| C6-C12 | N/A | N/A | N/A | N/A | <0.600 | **0.98** | **2.9** |
| C12-C28 | | | | | <0.600 | **0.98** | **2.9** |
| C28-C35 | | | | | <0.600 | **0.98** | **2.9** |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWing PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Bolded, and underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial GWGWing PCLs, based on TRRP tables dated March 1, 2022

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

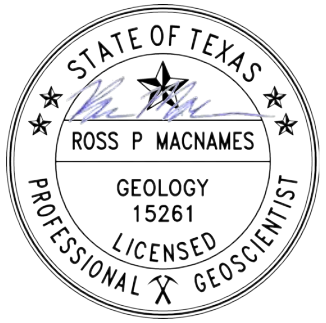
* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/l - milligrams per liter

N/A - Not analyzed

**Qualifiers (Modern Geosciences Samples):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit




11/14/25

# Table 2: Soil Analytical Summary Table (PST)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | *B-8 8-9' | *B-12 8-9' | MW-11 2.5-5' | MW-11 25-27.5' | MW-11 40' | MW-13 2.5-5' | MW-13 32-33' | MW-13 40' | MW-18 2.5-5' | MW-18 17.5-20' | MW-18 32.5-35' | B-70 0-2.5' | B-70 7.5-10' | B-75 2.5-5' | TCEQ PST Program Action Levels (mg/kg) | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/4/2021 | 5/4/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/7/2022 | 2/7/2022 | 8/24/2023 | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | |
| **RCRA 8 Metals by EPA Method SW6020A, 6010B and 7471A** | | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | 4.86 | **5.19** | **6.11** | **7.61** | 3.18 | **7.66** | N/A | N/A | N/A | N/A | N/A | N/A | **NSP** | 5.9 | **5** | **24** | 200 |
| Barium | | | 137 | 35.6 | 22.3 | 157 | 48.6 | 51.7 | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | 0.137 J | <0.0576 | 0.116 J | 0.199 J | 0.140 J | 0.185 J | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | 14.0 | 5.31 | 4.23 | 18.0 | 9.07 | 8.81 | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | **14.2** | **5.95** | **4.72** | **15.1** | **8.15** | **7.87** | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | 1.39 J | <0.934 | <0.942 | 1.15 J | <0.930 | <0.918 | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | <0.164 | <0.155 | <0.157 | <0.174 | <0.155 | <0.153 | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | <0.0232 | <0.0220 | <0.0222 | <0.0246 | <0.0219 | <0.0216 | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

| Client Sample ID | B-76 2.5-5' | B-77 2.5-5' | TP-N | TP-E | TP-S | TP-W | SP-1 | SP-2 | TP-B-1 | TP-B-2 | TP-B-3 | *MW-1 9-10' | Blank | Blank | TCEQ PST Program Action Levels (mg/kg) | Texas Specific Soil Background Conc. mg/kg | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/24/2023 | 8/24/2023 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/20/2022 | 5/20/2022 | 5/20/2022 | 12/21/2020 | | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | | |
| **RCRA 8 Metals by EPA Method SW6020A, 6010B and 7471A** | | | | | | | | | | | | | | | | | | | |
| Arsenic | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Blank | Blank | **NSP** | 5.9 | **5** | **24** | 200 |
| Barium | | | | | | | | | | | | | | | | 300 | **440** | **8,100** | 120,000 |
| Cadmium | | | | | | | | | | | | | | | | NSP | **1.5** | **52** | 810 |
| Chromium | | | | | | | | | | | | | | | | 30 | **2,400** | **33,000** | 120,000 |
| Lead | | | | | | | | | | | | | | | | 15 | **3** | **500** | 1,600 |
| Selenium | | | | | | | | | | | | | | | | 0.3 | **2.3** | **310** | 4,900 |
| Silver | | | | | | | | | | | | | | | | NSP | **0.48** | **97** | 2,300 |
| Mercury | | | | | | | | | | | | | | | | 0.04 | **2.1** | **8.3** | 19 |

**Notes:**

Gray shaded values are above the Texas Specific Soil Background Concentrations

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/kg - milligrams per kilogram

NSP - No Standard Published

NA - Not Analyzed

**Qualifiers (MW-1, B-8 and B-12):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, MW-18, B-70, TP-N, TP-E, TP-S, TP-W, SP-1, SP-2, TP-B-1, TP-B-2, and TP-B-3):**

J: The identification of the analyte is acceptable; the reported value is an estimate

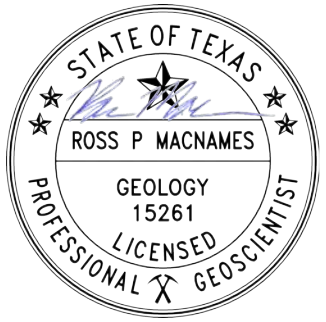
B: The same analyte is found in the associated blank

J4: The associated batch QC was outside the established quality control range for accuracy

**Qualifiers (SB-75 to SB-77):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value

U: Analyte was detected at or above the SDL




11/14/25

# Table 2: Soil Analytical Summary Table (PST)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | *B-8 8-9' | *B-12 8-9' | MW-11 2.5-5' | MW-11 25-27.5' | MW-11 40' | MW-13 2.5-5' | MW-13 32-33' | MW-13 40' | MW-18 2.5-5' | MW-18 17.5-20' | MW-18 32.5-35' | B-70 0-2.5' | B-70 7.5-10' | B-75 2.5-5' | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/4/2021 | 5/4/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/7/2022 | 2/7/2022 | 8/24/2023 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | | |
| Acetone | N/A | N/A | <0.0592 J4 | <0.0555 J4 | <0.0567 J4 | <0.0654 J3,J4 | <0.0545 J3,J4 | <0.0527 J3,J4 | <0.0619 | <0.0594 | <0.0549 | <0.0686 | <0.0628 J4 | N/A | NSP | | | |
| Benzene | <0.00458 U | <0.00133 U | <0.000757 | <0.000709 | <0.000726 | <0.000837 | <0.000698 | <0.000674 | <0.000792 | <0.000760 | <0.000702 | <0.000877 | <0.000804 | <0.000436 U | **0.12** | **0.026** | **120** | 240 |
| n-Butylbenzene | 0.0369 | 0.0446 | <0.00851 | <0.00798 | <0.00816 | <0.00941 | <0.00784 | <0.00758 | <0.00890 | <0.00854 | <0.00790 | 0.0314 | <0.00903 | | | | | |
| Sec-Butylbenzene | 0.0236 | 0.0600 | <0.00467 | <0.00438 | <0.00448 | <0.00516 | <0.00430 | <0.00416 | <0.00488 | <0.00469 | <0.00433 | 0.0404 | <0.00496 | | | | | |
| tert-Butylbenzene | <0.00458 U | <0.00133 U | <0.00316 | <0.00296 | <0.00303 | <0.00349 | <0.00291 | <0.00281 | <0.00331 | <0.00317 | <0.00293 | 0.00415 J | <0.00336 | N/A | NSP | | | |
| Chloromethane | <0.00915 U | <0.00266 U | <0.00705 | <0.00661 | <0.00676 | <0.00779 | <0.00650 | <0.00628 | <0.00738 | <0.00708 | <0.00654 | <0.00817 | <0.00749 | | | | | |
| cis-1,2-Dichloroethene | <0.00458 U | <0.00133 U | <0.00119 | <0.00112 | <0.00114 | <0.00131 | <0.00110 | <0.00106 | 0.00509 | <0.00119 | <0.00110 | <0.00138 | <0.00126 | | | | | |
| Ethylbenzene | <0.00458 U | 0.00578 | <0.00119 | <0.00112 | <0.00115 | <0.00132 | <0.00110 | <0.00106 | <0.00125 | <0.00120 | <0.00111 | 0.00242 J | <0.00127 | <0.000336 U | **36.8** | **7.6** | **6.400** | 29,000 |
| Isopropylbenzene | <0.00458 U | 0.0197 | <0.000689 | <0.000646 | <0.000660 | <0.000761 | <0.000635 | <0.000613 | <0.000721 | <0.000691 | <0.000639 | 0.00633 | <0.000731 | | | | | |
| 2-Butanone (MEK) | <0.0458 U | <0.0133 U | 0.165 B | 0.134 B,J | <0.0987 | <0.114 | 0.139 J | 0.134 J | <0.108 | <0.103 | <0.0955 | <0.119 | <0.109 | N/A | NSP | | | |
| 4-Methyl-2-pentanone (MIBK) | N/A | N/A | <0.00370 | <0.00346 | <0.00354 | <0.00408 | <0.00341 | <0.00329 | <0.00387 | <0.00371 | <0.00343 | <0.00428 | <0.00392 | | | | | |
| Methyl tert-butyl ether (MTBE) | <0.00458 U | <0.00133 U | <0.000567 | <0.000532 | <0.000544 | <0.000627 | <0.000523 | <0.000505 | 0.000772 J | <0.000569 | 0.000948 J | 0.00261 | 0.00662 | 0.000871 J | **2.56** | **0.62** | **800** | 2,000 |
| Naphthalene | 0.140 | 0.00617 J | <0.00791 | <0.00741 | <0.00758 | <0.00874 | <0.00729 | <0.00704 | <0.00828 J4 | <0.00794 J4 | <0.00734 J4 | 0.0639 | <0.00840 | N/A | **99.7** | **31** | **220** | 360 |
| n-Propylbenzene | 0.0211 J | 0.0348 | <0.00154 | <0.00144 | <0.00148 | <0.00170 | <0.00142 | <0.00137 | <0.00161 | <0.00155 | <0.00143 | 0.0100 | <0.00163 | | NSP | | | |
| Toluene | <0.00458 U | <0.00133 U | <0.00211 | <0.00198 | <0.00202 | <0.00233 | <0.00194 | <0.00188 | <0.00220 | <0.00211 | <0.00196 | <0.00244 | <0.00224 | <0.000486 U | **39.1** | **8.2** | **5.900** | 42,000 |
| 1,1,2-Trichloroethane | <0.00458 U | <0.00133 U | <0.000968 | <0.000907 | <0.000928 | <0.00107 | <0.000892 | <0.000862 | <0.00101 | <0.000971 | <0.000898 | <0.00112 | <0.00103 | | | | | |
| 1,2,4-Trimethylbenzene | <0.00458 U | 0.00270 J | <0.00256 | <0.00240 | <0.00246 | <0.00283 | <0.00236 | <0.00228 | <0.00268 | <0.00257 | <0.00238 | <0.00297 | <0.00272 | N/A | NSP | | | |
| 1,2,3-Trimethylbenzene | N/A | N/A | <0.00256 | <0.00240 | <0.00246 | <0.00283 | <0.00236 | <0.00228 | <0.00268 | <0.00257 | <0.00238 | <0.00297 | <0.00272 | | | | | |
| Total Xylenes | <0.00458 U | 0.00394 | <0.00143 | <0.00134 | <0.00137 | <0.00158 | <0.00131 | <0.00127 | <0.00149 | <0.00143 | <0.00132 | <0.00165 | <0.00151 | <0.000347 U | **117** | **120** | **6.000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | | |

| Client Sample ID | B-76 2.5-5' | B-77 2.5-5' | TP-N | TP-E | TP-S | TP-W | SP-1 | SP-2 | TP-B-1 | TP-B-2 | TP-B-3 | *MW-1 9-10' | Blank | Blank | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/24/2023 | 8/24/2023 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/20/2022 | 5/20/2022 | 5/20/2022 | 12/21/2020 | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260 via 5035** | | | | | | | | | | | | | | | | | | |
| Acetone | N/A | | <0.0641 | <0.0730 | <0.0857 | <0.0632 | <0.0733 | <0.0640 | <0.0689 | <0.0704 | <0.0644 | N/A | | | NSP | | | |
| Benzene | <0.000466 U | <0.000535 U | <0.000821 | <0.000934 | <0.00110 | <0.000809 | <0.000938 | <0.000819 | <0.000882 | <0.000900 | <0.000823 | <0.000903 U | | | **0.12** | **0.026** | **120** | 240 |
| n-Butylbenzene | | | <0.00922 | <0.0105 | <0.0123 | <0.00910 | <0.0105 | <0.00921 | <0.00991 | <0.0101 | <0.00926 | <0.000903 U | | | | | | |
| Sec-Butylbenzene | | | <0.00506 | <0.00576 | <0.00677 | <0.00499 | <0.00578 | <0.00505 | <0.00544 | <0.00555 | 0.00619 J | <0.000903 U | | | | | | |
| tert-Butylbenzene | N/A | | <0.00343 | <0.00390 | <0.00458 | <0.00338 | <0.00391 | <0.00342 | <0.00368 | <0.00376 | <0.00344 | <0.000903 U | | | NSP | | | |
| Chloromethane | | | <0.00764 | <0.00870 | <0.0102 | <0.00754 | <0.00873 | <0.00763 | <0.00821 | <0.00838 | <0.00767 | <0.000903 U | | | | | | |
| cis-1,2-Dichloroethene | | | <0.00129 | <0.00147 | <0.00172 | <0.00127 | <0.00147 | <0.00129 | <0.00139 | <0.00141 | <0.00129 | <0.000903 U | | | | | | |
| Ethylbenzene | <0.000359 U | <0.000412 U | <0.00129 | <0.00147 | <0.00173 | <0.00128 | <0.00148 | <0.00129 | <0.00139 | 0.00301 J | <0.00130 | <0.000903 U | | | **36.8** | **7.6** | **6.400** | 29,000 |
| Isopropylbenzene | | | <0.000747 | <0.000850 | <0.000998 | <0.000736 | <0.000853 | <0.000745 | <0.000802 | 0.00368 J | <0.000749 | <0.000903 U | | | | | | |
| 2-Butanone (MEK) | N/A | | <0.112 | <0.127 | <0.149 | <0.110 | <0.127 | <0.111 | <0.120 | <0.122 | <0.112 | <0.00903 U | Blank | Blank | NSP | | | |
| 4-Methyl-2-pentanone (MIBK) | | | <0.00401 | <0.00456 | <0.00536 | <0.00395 | <0.00458 | <0.00400 | <0.00430 | <0.00439 | <0.00402 | N/A | | | | | | |
| Methyl tert-butyl ether (MTBE) | <0.000544 U | <0.000624 U | <0.000615 | <0.000700 | <0.000822 | <0.000606 | <0.000703 | <0.000614 | <0.000661 | <0.000675 | <0.000617 | <0.000903 U | | | **2.56** | **0.62** | **800** | 2,000 |
| Naphthalene | N/A | <0.00320 U | <0.00857 | <0.00976 | <0.0115 | <0.00846 | <0.00980 | <0.00856 | <0.00921 | <0.00941 | 0.0293 | <0.00181 U | | | **99.7** | **31** | **220** | 360 |
| n-Propylbenzene | N/A | | <0.00167 | <0.00190 | 0.00487 J | <0.00165 | <0.00191 | <0.00167 | <0.00179 J4 | 0.00719 J, J4 | 0.00592 J, J4 | <0.000903 U | | | NSP | | | |
| Toluene | <0.000520 U | <0.000596 U | 0.00815 J | 0.00570 J | 0.00657 J | 0.00377 J | 0.00663 J | 0.00535 J | 0.00332 J | 0.00343 J | <0.00229 | <0.000903 U | | | **39.1** | **8.2** | **5.900** | 42,000 |
| 1,1,2-Trichloroethane | | | <0.00105 | <0.00119 | <0.00140 | <0.00103 | <0.00120 | <0.00105 | <0.00113 | <0.00115 | <0.00105 | <0.000903 U | | | | | | |
| 1,2,4-Trimethylbenzene | N/A | | <0.00278 | <0.00316 | <0.00371 | <0.00274 | <0.00317 | <0.00277 | <0.00298 | <0.00305 | <0.00279 | <0.000903 U | | | NSP | | | |
| 1,2,3-Trimethylbenzene | | | <0.00278 | <0.00316 | <0.00371 | <0.00274 | <0.00317 | <0.00277 | <0.00298 | <0.00305 | <0.00279 | N/A | | | | | | |
| Total Xylenes | <0.000371 U | <0.000426 U | <0.00155 | <0.00176 | <0.00207 | <0.00152 | <0.00177 | <0.00154 | <0.00166 | 0.00534 J | <0.00155 | <0.000903 U | | | **117** | **120** | **6.000** | 12,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | | |

**Notes:**

Bolded and gray shaded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/kg - milligrams per kilogram

NSP - No Standard Published

NA - Not Analyzed

**Qualifiers (MW-1, B-8 and B-12):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, MW-18, B-70, TP-N, TP-E, TP-S, TP-W, SP-1, SP-2, TP-B-1, TP-B-2, and TP-B-3):**

J: The identification of the analyte is acceptable; the reported value is an estimate

B: The same analyte is found in the associated blank

J4: The associated batch QC was outside the established quality control range for accuracy

**Qualifiers (SB-75 to SB-77):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value




11/14/25

# Table 2: Soil Analytical Summary Table (PST)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | *B-8 8-9' | *B-12 8-9' | MW-11 2.5-5' | MW-11 25-27.5' | MW-11 40' | MW-13 2.5-5' | MW-13 32-33' | MW-13 40' | MW-18 2.5-5' | MW-18 17.5-20' | MW-18 32.5-35' | B-70 0-2.5' | B-70 7.5-10' | B-75 2.5-5' | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/4/2021 | 5/4/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/7/2022 | 2/7/2022 | 8/24/2023 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | <0.00695 | <0.00659 | <0.00665 | <0.00738 | <0.00656 | <0.00648 | | | | | | | **34.1** | **240** | **3,000** | 37,000 |
| Acenaphthylene | | | <0.00605 | <0.00574 | <0.00578 | <0.00642 | <0.00571 | <0.00564 | | | | | | | **54.7** | **410** | **3,800** | 37,000 |
| Anthracene | | | <0.00765 | <0.00725 | <0.00731 | <0.00811 | <0.00722 | <0.00713 | | | | | | | **2.04** | **6,900** | **18,000** | 190,000 |
| Benzo(a)anthracene | | | <0.00757 | <0.00718 | <0.00724 | <0.00803 | <0.00715 | <0.00705 | | | | | | | **6.37** | **130** | **41** | 170 |
| Benzo(b)fluoranthene | | | <0.00801 | <0.00760 | <0.00766 | <0.00850 | <0.00756 | <0.00746 | | | | | | | **0.639** | **440** | **42** | 170 |
| Benzo(k)fluoranthene | | | <0.00764 | <0.00724 | <0.00730 | <0.00810 | <0.00721 | <0.00711 | | | | | | | **3.61** | **4,500** | **420** | 1,700 |
| Benzo(g,h,i)perylene | | | <0.00786 | <0.00745 | <0.00751 | <0.00833 | <0.00741 | <0.00732 | | | | | | | **0.824** | **46,000** | **1,800** | 19,000 |
| Benzo(a)pyrene | | | <0.00798 | <0.00757 | <0.00763 | <0.00847 | <0.00754 | <0.00744 | | | | | | | **1.35** | **7.6** | **4.1** | 17 |
| Chrysene | N/A | N/A | <0.00854 | <0.00810 | <0.00816 | <0.00906 | <0.00806 | <0.00796 | N/A | N/A | N/A | N/A | N/A | N/A | **1.24** | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | | | <0.0119 | <0.0113 | <0.0114 | <0.0126 | <0.0112 | <0.0111 | | | | | | | **0.640** | **15** | **4** | 17 |
| Fluoranthene | | | <0.00775 | <0.00735 | <0.00741 | <0.00822 | <0.00732 | <0.00722 | | | | | | | **NSP** | **1,900** | **2,300** | 25,000 |
| Fluorene | | | <0.00699 | <0.00663 | <0.00668 | <0.00742 | <0.00660 | <0.00651 | | | | | | | **25.5** | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | | <0.0121 | <0.0115 | <0.0116 | <0.0129 | <0.0115 | <0.0113 | | | | | | | **30.2** | **1,300** | **42** | 170 |
| Naphthalene | | | <0.0108 | <0.0102 | <0.0103 | <0.0114 | <0.0102 | <0.0100 | | | | | | | **6.4** | **31** | **220** | 360 |
| Phenanthrene | | | <0.00853 | <0.00808 | <0.00815 | <0.00904 | <0.00805 | <0.00794 | | | | | | | **99.7** | **420** | **1,700** | 19,000 |
| Bis(2-ethylhexyl)phthalate | | | <0.0544 | <0.0516 | <0.0520 | <0.0577 | <0.0514 | <0.0507 | | | | | | | **28.2** | **160** | **43** | 560 |
| Pyrene | | | <0.00836 | <0.00793 | <0.00799 | <0.00887 | <0.00789 | <0.00779 | | | | | | | **10.3** | **1,100** | **1,700** | 19,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | | |

| Client Sample ID | B-76 2.5-5' | B-77 2.5-5' | TP-N | TP-E | TP-S | TP-W | SP-1 | SP-2 | TP-B-1 | TP-B-2 | TP-B-3 | *MW-1 9-10' | Blank | Blank | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/24/2023 | 8/24/2023 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/20/2022 | 5/20/2022 | 5/20/2022 | 12/21/2020 | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | | | | | | | |
| Acenaphthene | | | | | | | | | | | | | | | **34.1** | **34.1** | **34.1** | 34.1 |
| Acenaphthylene | | | | | | | | | | | | | | | **54.7** | **54.7** | **54.7** | 54.7 |
| Anthracene | | | | | | | | | | | | | | | **2.04** | **2.04** | **2.04** | 2.04 |
| Benzo(a)anthracene | | | | | | | | | | | | | | | **6.37** | **7.1** | **7.1** | 7.1 |
| Benzo(b)fluoranthene | | | | | | | | | | | | | | | **0.639** | **3.09** | **3.09** | 3.09 |
| Benzo(k)fluoranthene | | | | | | | | | | | | | | | **3.61** | **3.61** | **3.61** | 3.61 |
| Benzo(g,h,i)perylene | | | | | | | | | | | | | | | **0.824** | **0.824** | **0.824** | 0.824 |
| Benzo(a)pyrene | | | | | | | | | | | | | | | **1.35** | **1.35** | **1.35** | 1.35 |
| Chrysene | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Blank | Blank | **1.24** | **1.24** | **1.24** | 1.24 |
| Dibenz(a,h)anthracene | | | | | | | | | | | | | | | **0.640** | **1.91** | **1.91** | 1.91 |
| Fluoranthene | | | | | | | | | | | | | | | **NSP** | **NSP** | **NSP** | NSP |
| Fluorene | | | | | | | | | | | | | | | **25.5** | **25.5** | **25.5** | 25.5 |
| Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | **30.2** | **30.2** | **30.2** | 30.2 |
| Naphthalene | | | | | | | | | | | | | | | **6.4** | **26.0** | **26.0** | 26.0 |
| Phenanthrene | | | | | | | | | | | | | | | **99.7** | **99.7** | **99.7** | 99.7 |
| Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | **28.2** | **28.2** | **28.2** | 28.2 |
| Pyrene | | | | | | | | | | | | | | | **10.3** | **10.3** | **10.3** | 10.3 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | | |

**Notes:**

Bolded and gray shaded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/kg - milligrams per kilogram

NSP - No Standard Published

NA - Not Analyzed

**Qualifiers (MW-1, B-8 and B-12):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, MW-18, B-70, TP-N, TP-E, TP-S, TP-W, SP-1, SP-2, TP-B-1, TP-B-2, and TP-B-3):**

J: The identification of the analyte is acceptable; the reported value is an estimate

B: The same analyte is found in the associated blank

**Qualifiers (SB-75 to SB-77):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value

U: Analyte was detected at or above the SDL




11/14/25

# Table 2: Soil Analytical Summary Table (PST)

Semi-Volatile Organic Compounds - Polycyclic Aromatic Hydrocarbons

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | *B-8 8-9' | *B-12 8-9' | MW-11 2.5-5' | MW-11 25-27.5' | MW-11 40' | MW-13 2.5-5' | MW-13 32-33' | MW-13 40' | MW-18 2.5-5' | MW-18 17.5-20' | MW-18 32.5-35' | B-70 0-2.5' | B-70 7.5-10' | B-75 2.5-5' | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/4/2021 | 5/4/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/7/2022 | 2/7/2022 | 8/24/2023 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | | |
| Anthracene | | 0.116 | | | | | | | | | | | | <0.00321 U | **2.04** | **6,900** | **18,000** | 190,000 |
| Acenaphthene | | 0.381 | | | | | | | | | | | | <0.00313 U | **34.1** | **240** | **3,000** | 37,000 |
| Acenaphthylene | | 0.120 | | | | | | | | | | | | <0.00339 U | **54.7** | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | | 0.0177 | | | | | | | | | | | | <0.00289 U | **6.37** | **130** | **41** | 170 |
| Benzo(a)pyrene | | 0.0147 | | | | | | | | | | | | <0.00330 U | **0.639** | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | | 0.0375 | | | | | | | | | | | | <0.00371 U | **3.61** | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | | 0.0165 | | | | | | | | | | | | <0.00357 U | **0.824** | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | | 0.0373 | | | | | | | | | | | | <0.00359 U | **1.35** | **4,500** | **420** | 1,700 |
| Chrysene | | 0.0258 | | | | | | | | | | | | <0.00250 U | **1.24** | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | N/A | <0.00543 U | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | <0.00359 U | **0.640** | **15** | **4** | 17 |
| Dibenzofuran | | N/A | | | | | | | | | | | | <0.00315 U | **NSP** | **33** | **270** | 2,700 |
| Fluoranthene | | 0.0609 | | | | | | | | | | | | <0.00315 U | **25.5** | **1,900** | **2,300** | 25,000 |
| Fluorene | | 0.556 | | | | | | | | | | | | <0.00316 U | **30.2** | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | | 0.125 | | | | | | | | | | | | <0.00339 U | **6.4** | **1,300** | **42** | 170 |
| Naphthalene | | 0.0378 J | | | | | | | | | | | | <0.00324 U | **99.7** | **31** | **220** | 360 |
| Phenanthrene | | 1.23 | | | | | | | | | | | | <0.00316 U | **28.2** | **420** | **1,700** | 19,000 |
| Pyrene | | 0.193 | | | | | | | | | | | | <0.00320 U | **10.3** | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | | N/A | | | | | | | | | | | | <0.00305 U | **NSP** | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | | N/A | | | | | | | | | | | | <0.00313 U | **NSP** | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | | N/A | | | | | | | | | | | | NA | **NSP** | **670** | **5,000** | 50,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | | |

| Client Sample ID | B-76 2.5-5' | B-77 2.5-5' | TP-N | TP-E | TP-S | TP-W | SP-1 | SP-2 | TP-B-1 | TP-B-2 | TP-B-3 | *MW-1 9-10' | Blank | Blank | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/24/2023 | 8/24/2023 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/20/2022 | 5/20/2022 | 5/20/2022 | 12/21/2020 | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | | | | | | | | | | | | |
| Anthracene | <0.00314 U | <0.00316 U | | | | | | <0.00313 | | <0.00326 | | | | | **2.04** | **6,900** | **18,000** | 190,000 |
| Acenaphthene | <0.00306 U | <0.00309 U | | | | | | <0.00285 | | <0.00297 | | | | | **34.1** | **240** | **3,000** | 37,000 |
| Acenaphthylene | <0.00332 U | <0.00334 U | | | | | | <0.00294 | | <0.00307 | | | | | **54.7** | **410** | **3,800** | 37,000 |
| Benzo(a)anthracene | <0.00283 U | <0.00285 U | | | | | | <0.00236 | | <0.00245 | | | | | **6.37** | **130** | **41** | 170 |
| Benzo(a)pyrene | <0.00323 U | 0.00680 | | | | | | <0.00244 | | <0.00254 | | | | | **0.639** | **7.6** | **4.1** | 17 |
| Benzo(b)fluoranthene | <0.00363 U | 0.00385 J | | | | | | <0.00208 | | <0.00217 | | | | | **3.61** | **440** | **42** | 170 |
| Benzo(g,h,i)perylene | <0.00349 U | 0.0240 | | | | | | <0.00241 | | <0.00251 | | | | | **0.824** | **46,000** | **1,800** | 19,000 |
| Benzo(k)fluoranthene | <0.00352 U | <0.00354 U | | | | | | <0.00293 | | <0.00305 | | | | | **1.35** | **4,500** | **420** | 1,700 |
| Chrysene | <0.00244 U | <0.00246 U | | | | | | <0.00316 | | <0.00329 | | | | | **1.24** | **11,000** | **4,100** | 17,000 |
| Dibenz(a,h)anthracene | <0.00352 U | <0.00354 U | N/A | N/A | N/A | N/A | N/A | <0.00234 | N/A | <0.00244 | N/A | N/A | Blank | Blank | **0.640** | **15** | **4** | 17 |
| Dibenzofuran | <0.00308 U | <0.00311 U | | | | | | <0.00290 | | <0.00302 | | | | | **NSP** | **33** | **270** | 2,700 |
| Fluoranthene | <0.00308 U | <0.00311 U | | | | | | <0.00309 | | 0.00656 J | | | | | **25.5** | **1,900** | **2,300** | 25,000 |
| Fluorene | <0.00309 U | <0.00312 U | | | | | | <0.00279 | | <0.00291 | | | | | **30.2** | **300** | **2,300** | 25,000 |
| Indeno(1,2,3-cd)pyrene | <0.00332 U | 0.00390 J U | | | | | | <0.00247 | | <0.00257 | | | | | **6.4** | **1,300** | **42** | 170 |
| Naphthalene | <0.00317 U | <0.00320 U | | | | | | <0.00556 | | <0.00579 | | | | | **99.7** | **31** | **220** | 360 |
| Phenanthrene | <0.00309 U | <0.00312 U | | | | | | <0.00315 | | 0.00671 J | | | | | **28.2** | **420** | **1,700** | 19,000 |
| Pyrene | <0.00313 U | <0.00315 U | | | | | | <0.00272 | | 0.00484 J | | | | | **10.3** | **1,100** | **1,700** | 19,000 |
| 1-Methylnaphthalene | <0.00298 U | <0.00300 U | | | | | | <0.00612 | | <0.00637 | | | | | **NSP** | **2.9** | **150** | 600 |
| 2-Methylnaphthalene | <0.00306 U | <0.00308 U | | | | | | <0.00582 | | <0.00606 | | | | | **NSP** | **17** | **250** | 2,500 |
| 2-Chloronaphthalene | NA | NA | | | | | | <0.00635 | | <0.00661 | | | | | **NSP** | **670** | **5,000** | 50,000 |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | | | | | |

**Notes:**

Bolded and gray shaded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/kg - milligrams per kilogram

NSP - No Standard Published

NA - Not Analyzed

**Qualifiers (MW-1, B-8 and B-12):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, MW-18, B-70, TP-N, TP-E, TP-S, TP-W, SP-1, SP-2, TP-B-1, TP-B-2, and TP-B-3):**

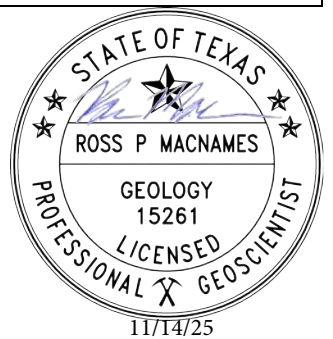
J: The identification of the analyte is acceptable; the reported value is an estimate

B: The same analyte is found in the associated blank

**Qualifiers (SB-75 to SB-77):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value

U: Analyte was detected at or above the SDL




11/14/25

# Table 2: Soil Analytical Summary Table (PST)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard
4001, 4003, and 4007 Irving Boulevard
3918 and 3920 Halifax Street
Dallas, Dallas County, Texas
CCG Project #: 4891
VCP #: 3185

| Client Sample ID | *B-8 8-9' | *B-12 8-9' | MW-11 2.5-5' | MW-11 25-27.5' | MW-11 40' | MW-13 2.5-5' | MW-13 32-33' | MW-13 40' | MW-18 2.5-5' | MW-18 17.5-20' | MW-18 32.5-35' | B-70 0-2.5' | B-70 7.5-10' | B-75 2.5-5' | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/4/2021 | 5/4/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/7/2022 | 2/7/2022 | 8/24/2023 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **NSP** | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

| Client Sample ID | B-76 2.5-5' | B-77 2.5-5' | TP-N | TP-E | TP-S | TP-W | SP-1 | SP-2 | TP-B-1 | TP-B-2 | TP-B-3 | *MW-1 9-10' | Blank | Blank | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/24/2023 | 8/24/2023 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/20/2022 | 5/20/2022 | 5/20/2022 | 12/21/2020 | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | |
| **Polychlorinated Biphenyls (GC) by Method 8082** | | | | | | | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **NSP** | 11 | 1.1 | 7.7 |
| PCB 1221 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1232 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1242 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1248 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1254 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |
| PCB 1260 | | | | | | | | | | | | | | | | 11 | 1.1 | 7.7 |

**Notes:**

Bolded and gray shaded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/kg - milligrams per kilogram

NSP - No Standard Published

NA - Not Analyzed

**Qualifiers (MW-1, B-8 and B-12):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, MW-18, B-70, TP-N, TP-E, TP-S, TP-W, SP-1, SP-2, TP-B-1, TP-B-2, and TP-B-3):**

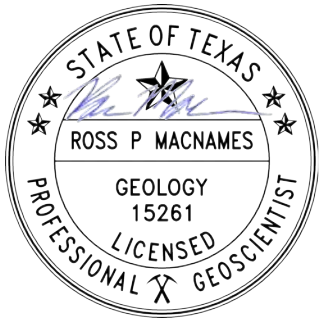
J: The identification of the analyte is acceptable; the reported value is an estimate

B: The same analyte is found in the associated blank

**Qualifiers (SB-75 to SB-77):**

J: Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value

U: Analyte was detected at or above the SDL




11/14/25

# Table 2: Soil Analytical Summary Table (PST)

Total Petroleum Hydrocarbons

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| Client Sample ID | *B-8 8-9' | *B-12 8-9' | MW-11 2.5-5' | MW-11 25-27.5' | MW-11 40' | MW-13 2.5-5' | MW-13 32-33' | MW-13 40' | MW-18 2.5-5' | MW-18 17.5-20' | MW-18 32.5-35' | B-70 0-2.5' | B-70 7.5-10' | B-75 2.5-5' | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020 | 12/22/2020 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/3/2021 | 5/4/2021 | 5/4/2021 | 2/1/2022 | 2/1/2022 | 2/1/2022 | 2/7/2022 | 2/7/2022 | 8/24/2023 | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | | |
| C6-C12 | <27.5 U | **120** | <19.3 | <18.3 | <18.5 | <20.5 | <18.3 | <18.0 | <20.0 | <18.9 | <18.2 | 65.8 J | <19.9 | <22.5 U | | **65** | **1,600** | 3,900 |
| C12-C28 | <27.5 U | **780** | <19.3 | <18.3 | <18.5 | <20.5 | <18.3 | <18.0 | <20.0 | <18.9 | <18.2 | 1,260 | <19.9 | <22.5 U | **NSP** | **200** | **2,300** | 12,000 |
| C28-C35 | <27.5 U | <28.0 U | <19.3 | <18.3 | <18.5 | <20.5 | <18.3 | <18.0 | <20.0 | <18.9 | <18.2 | 42.4 J | <19.9 | <22.5 U | | **200** | **2,300** | 12,000 |

| Client Sample ID | B-76 2.5-5' | B-77 2.5-5' | TP-N | TP-E | TP-S | TP-W | SP-1 | SP-2 | TP-B-1 | TP-B-2 | TP-B-3 | *MW-1 9-10' | Blank | Blank | TCEQ PST Program Action Levels (mg/kg) | $^{GW}Soil_{Ing}$ Tier 1 Residential PCLs mg/kg | $^{Tot}Soil_{Comb}$ Tier 1 Residential PCLs (mg/kg) | $^{Tot}Soil_{Comb}$ Tier 1 Comm/Ind. cPCLs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 8/24/2023 | 8/24/2023 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/18/2022 | 5/20/2022 | 5/20/2022 | 5/20/2022 | 12/21/2020 | | | | | | |
| Analyte | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | Result mg/kg | | | | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | | | | | |
| C6-C12 | <22.5 U | <23.0 U | <20.4 | <23.7 | <27.1 | <19.7 | <20.2 | <20.4 | <21.0 | <21.3 | <20.3 | <8.38 U | | | | **65** | **1,600** | 3,900 |
| C12-C28 | <22.5 U | <23.0 U | <20.4 | <23.7 | <27.1 | <19.7 | <20.2 | <20.4 | <21.0 | 51.7 J | <20.3 | <8.38 U | **Blank** | **Blank** | **NSP** | **200** | **2,300** | 12,000 |
| C28-C35 | <22.5 U | <23.0 U | <20.4 | <23.7 | <27.1 | <19.7 | <20.2 | 21.1 J | <21.0 | 74.1 | <20.3 | <8.38 U | | | | **200** | **2,300** | 12,000 |

**Notes:**

Bolded and gray shaded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWSoilIng PCLs, based on TRRP tables dated March 1, 2022 [Ingestion PCLs Without an MSD]

Green highlighted, bolded and double underlined values are above the Texas Risk Reduction Program (TRRP) Tier I Residential TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion PCLs With an MSD]

Yellow highlighted values are above the Texas Risk Reduction Program (TRRP) Tier I Commercial/Industrial TotSoilComb PCLs, based on TRRP tables dated March 1, 2022 [Non-Ingestion criticalPCL with MSD and Institutional Control]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

* - Samples collected by Modern Geosciences on December 21-22, 2020; All other samples were collected by Consolidated Consulting Group

mg/kg - milligrams per kilogram

NSP - No Standard Published

**Qualifiers (MW-1, B-8 and B-12):**

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, MW-18, B-70, TP-N, TP-E, TP-S, TP-W, SP-1, SP-2, TP-B-1, TP-B-2, and TP-B-3):**

J: The identification of the analyte is acceptable; the reported value is an estimate

**Qualifiers (SB-75 to SB-77):**

U: Analyte was detected at or above the SDL

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PROFESSIONAL GEOSCIENTIST

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# TABLE 3 - Groundwater Analytical Summary Table (TRRP)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | **MW-2** | **MW-3** | **MW-4** | **MW-5** | **MW-6** | **MW-7** | **MW-8** | **MW-9** | **MW-10** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/4/2021 | 5/4/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **RCRA 8 Metals (ICP) by EPA Method 6010B and 7470A (Dissolved)** | | | | | | | | | | | |
| Arsenic | <0.00440 | 0.00455 J | 0.00685 J | 0.00681 J | <0.00440 | <0.00440 | <0.00440 | 0.00516 J | <0.00440 | **0.01** | **NSP** |
| Barium | 0.0294 | 0.0498 | 0.0459 | 0.0377 | 0.0512 | 0.0284 | 0.0464 | 0.0553 | 0.0555 | **2** | **NSP** |
| Cadmium | 0.000508 J | <0.000479 | <0.000479 | <0.000479 | <0.000479 | <0.000479 | <0.000479 | <0.000479 | <0.000479 | **0.005** | **NSP** |
| Chromium | <0.00140 | <0.00140 | <0.00140 | <0.00140 | 0.00216 B,J | <0.00140 | 0.00214 B,J | <0.00140 | <0.00140 | **0.1** | **NSP** |
| Lead | <0.00299 | <0.00299 | <0.00299 | <0.00299 | <0.00299 | <0.00299 | <0.00299 | <0.00299 | <0.00299 | **0.015** | **NSP** |
| Selenium | 0.0490 | <0.00735 | <0.00735 | <0.00735 | <0.00735 | <0.00735 | <0.00735 | <0.00735 | <0.00735 | **0.05** | **NSP** |
| Silver | <0.00154 | <0.00154 | <0.00154 | <0.00154 | <0.00154 | <0.00154 | <0.00154 | <0.00154 | <0.00154 | **0.12** | **NSP** |
| Mercury | <0.000100 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | **0.002** | **7.3** |

| **Client Sample ID** | **MW-12** | **MW-14** | **MW-15** | **MW-16** | **MW-17** | **MW-19** | **TMW-52** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/5/2021 | 5/6/2021 | 8/10/2021 | 2/8/2022 | 2/8/2022 | 2/8/2022 | 2/7/2022 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **RCRA 8 Metals (ICP) by EPA Method 6010B and 7470A (Dissolved)** | | | | | | | | | |
| Arsenic | <0.00440 | 0.00950 J | NA | NA | NA | NA | NA | **0.01** | **NSP** |
| Barium | 0.177 | 0.0949 | | | | | | **2** | **NSP** |
| Cadmium | <0.000479 | <0.000479 | | | | | | **0.005** | **NSP** |
| Chromium | <0.00140 | <0.00140 | | | | | | **0.1** | **NSP** |
| Lead | <0.00299 | <0.00299 | | | | | | **0.015** | **NSP** |
| Selenium | <0.00735 | <0.00735 | | | | | | **0.05** | **NSP** |
| Silver | <0.00154 | <0.00154 | | | | | | **0.12** | **NSP** |
| Mercury | <0.000100 | <0.000100 | | | | | | **0.002** | **7.3** |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

Results related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

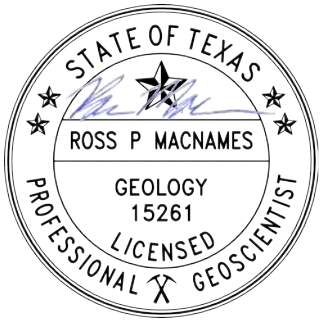
mg/l - milligrams per liter

NA - Not Analyzed

**Qualifiers (Consolidated Consulting Group Samples):**

J: The identification of the analyte is acceptable; the reported value is an estimate

B: A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicated possible field or laboratory contamination.




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# TABLE 3 - Groundwater Analytical Summary Table (TRRP)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| Client Sample ID | MW-2 | | MW-3 | | MW-4 | | MW-5 | | MW-6 | | MW-7 | | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020* | 5/4/2021 | 12/22/2020* | 5/4/2021 | 12/22/2020* | 5/5/2021 | 12/22/2020* | 5/5/2021 | 12/22/2020* | 5/5/2021 | 12/22/2020* | 5/5/2021 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Volatile Organic Compounds (VOCs) by Method 8260B** | | | | | | | | | | | | | | |
| Acetone | NA | <0.0113 J4 | NA | <0.0113 J4 | NA | <0.0113 | NA | <0.0113 | NA | <0.0113 | NA | <0.0113 | **22** | **1,000,000** |
| n-Butylbenzene | <0.0001 U | <0.000157 | <0.0001 U | <0.000157 | <0.0001 U | <0.000157 | 0.00103 J | <0.000157 | 0.00204 J,B | <0.000157 | 0.00202 J,B | <0.000157 | **1.2** | **NSP** |
| sec-Butylbenzene | <0.0001 U | <0.000125 | <0.0001 U | <0.000125 | <0.0001 U | <0.000125 | <0.0001 U | <0.000125 | 0.00136 J,B | <0.000125 | 0.00136 J,B | <0.000125 | **0.98** | **NSP** |
| tert-Butylbenzene | <0.0001 U | <0.000127 | <0.0001 U | <0.000127 | <0.0001 U | <0.000127 | <0.0001 U | <0.000127 | 0.00105 J,B | <0.000127 | 0.00106 J,B | <0.000127 | **0.98** | **NSP** |
| 1,2-Dichlorobenzene | <0.0001 U | <0.000107 | <0.0001 U | <0.000107 | <0.0001 U | <0.000107 | <0.0001 U | <0.000107 | 0.00281 J,B | <0.000107 | 0.00275 J,B | <0.000107 | **0.60** | **1,200** |
| 1,3-Dichlorobenzene | <0.0001 U | <0.000110 | <0.0001 U | <0.000110 | <0.0001 U | <0.000110 | <0.0001 U | <0.000110 | 0.00178 J,B | <0.000110 | 0.00172 J,B | <0.000110 | **0.73** | **190** |
| 1,4-Dichlorobenzene | <0.0001 U | <0.000120 | <0.0001 U | <0.000120 | <0.0001 U | <0.000120 | <0.0001 U | <0.000120 | 0.00198 J,B | <0.000120 | 0.00203 J,B | <0.000120 | **0.075** | **17,000** |
| 1,1-Dichloroethane | <0.0001 U | <0.000100 | <0.0001 U | <0.000100 | <0.0001 U | <0.000100 | <0.0001 U | <0.000100 | <0.0001 U | <0.000100 | <0.001 U | <0.000100 | **4.9** | **43,000** |
| cis-1,2-Dichloroethene | <0.0001 U | 0.000432 J | <0.0001 U | <0.000126 | <0.0001 U | <0.000126 | <0.0001 U | <0.000126 | <0.0001 U | <0.000126 | <0.001 U | <0.000126 | **0.07** | **1,200** |
| 2-Butanone (MEK) | <0.01 U | <0.00119 | <0.01 U | <0.00119 | <0.01 U | <0.00119 | <0.01 U | <0.00119 | <0.01 U | <0.00119 | <0.001 U | <0.00119 | **15** | **1,000,000** |
| 4-Methyl-2-Pentanone (MIBK) | NA | <0.000478 | NA | <0.000478 | NA | <0.000478 | NA | <0.000478 | NA | <0.000478 | NA | <0.000478 | **2** | **670,000** |
| Methyl tert-butyl ether (MTBE) | <0.001 U | 0.0200 | <0.001 U | <0.000101 | <0.001 U | <0.000101 | <0.001 U | <0.000101 | <0.001 U | <0.000101 | <0.001 U | <0.000101 | **0.24** | **4,000** |
| n-Propylbenzene | <0.0001 U | <0.0000993 | <0.0001 U | <0.0000993 | <0.0001 U | <0.0000993 | <0.0001 U | <0.0000993 | 0.00141 J,B | <0.0000993 | 0.00148 J,B | <0.0000993 | **0.98** | **6,000** |
| p-Isopropyltoluene (Cymene) | <0.0001 U | <0.000120 | <0.0001 U | <0.000120 | <0.0001 U | <0.000120 | <0.0001 U | <0.000120 | 0.00143 J,B | <0.000120 | 0.00149 J,B | <0.000120 | **2.4** | **NSP** |
| 1,2,4-Trimethylbenzene | <0.0001 U | <0.000322 | <0.0001 U | <0.000322 | <0.0001 U | <0.000322 | <0.0001 U | <0.000322 | 0.00146 J,B | <0.000322 | 0.00145 J,B | <0.000322 | **0.83** | **4,900** |
| 1,3,5-Trimethylbenzene | <0.0001 U | <0.000104 | <0.0001 U | <0.000104 | <0.0001 U | <0.000104 | <0.0001 U | <0.000104 | 0.00209 J,B | <0.000104 | 0.00207 J,B | <0.000104 | **0.83** | **3,800** |
| Vinyl Chloride | <0.0004 U | <0.000234 | <0.0004 U | <0.000234 | <0.0004 U | <0.000234 | <0.0004 U | <0.000234 | <0.0004 U | <0.000234 | <0.0004 U | <0.000234 | **0.002** | **3.8** |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | | |

| Client Sample ID | MW-8 | | MW-9 | MW-10 | MW-12 | MW-14 | MW-15 | MW-16 | MW-17 | MW-19 | TMW-52 | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020* | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/6/2021 | 8/10/2021 | 2/8/2022 | 2/8/2022 | 2/8/2022 | 2/7/2022 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Volatile Organic Compounds (VOCs) by Method 8260B** | | | | | | | | | | | | | |
| Acetone | NA | <0.0113 | <0.0113 | <0.0113 | <0.0113 | <0.0113 | <0.0113 | <0.0113 | <0.0113 | <0.0113 | 0.0140 J | **22** | **1,000,000** |
| n-Butylbenzene | 0.001 J | <0.000157 | <0.000157 | <0.000157 | <0.000157 | <0.000157 | <0.000157 | <0.000157 | <0.000157 | <0.000157 | <0.000157 | **1.2** | **NSP** |
| sec-Butylbenzene | <0.0001 U | <0.000125 | <0.000125 | <0.000125 | <0.000125 | <0.000125 | <0.000125 | <0.000125 | <0.000125 | <0.000125 | 0.000185 J | **0.98** | **NSP** |
| tert-Butylbenzene | <0.0001 U | <0.000127 | <0.000127 | <0.000127 | <0.000127 | <0.000127 | <0.000127 | <0.000127 | <0.000127 | <0.000127 | <0.000127 | **0.98** | **NSP** |
| 1,2-Dichlorobenzene | <0.0001 U | <0.000107 | <0.000107 | <0.000107 | <0.000107 | <0.000107 | <0.000107 | <0.000107 | <0.000107 | <0.000107 | <0.000107 | **0.60** | **1,200** |
| 1,3-Dichlorobenzene | <0.0001 U | <0.000110 | <0.000110 | <0.000110 | <0.000110 | <0.000110 | <0.000110 | <0.000110 | <0.000110 | <0.000110 | <0.000110 | **0.73** | **190** |
| 1,4-Dichlorobenzene | <0.0001 U | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | **0.075** | **17,000** |
| 1,1-Dichloroethane | <0.0001 U | <0.000100 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | 0.00122 | <0.000100 | <0.000100 | <0.000100 | <0.000100 | **4.9** | **43,000** |
| cis-1,2-Dichloroethene | <0.0001 U | <0.000126 | <0.000126 | <0.000126 | <0.000126 | <0.000126 | <0.000126 | <0.000126 | 0.00685 | <0.000126 | <0.000126 | **0.07** | **1,200** |
| 2-Butanone (MEK) | 0.0532 | <0.00119 | <0.00119 | <0.00119 | <0.00119 | <0.00119 | <0.00119 | <0.00119 | <0.00119 | <0.00119 | 0.00216 J | **15** | **1,000,000** |
| 4-Methyl-2-Pentanone (MIBK) | NA | <0.000478 | <0.000478 | <0.000478 | <0.000478 | <0.000478 | <0.000478 | <0.000478 | <0.000478 | <0.000478 | <0.000478 | **2** | **670,000** |
| Methyl tert-butyl ether (MTBE) | <0.0001 U | <0.000101 | <0.000101 | <0.000101 | <0.000101 | <0.000101 | 0.00347 | <0.000101 | 0.000971 J | 0.00172 | <0.000101 | **0.24** | **4,000** |
| n-Propylbenzene | <0.0001 U | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | <0.0000993 | **0.98** | **6,000** |
| p-Isopropyltoluene (Cymene) | <0.0001 U | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | **2.4** | **NSP** |
| 1,2,4-Trimethylbenzene | <0.0001 U | <0.000322 | <0.000322 | <0.000322 | <0.000322 | <0.000322 | <0.000322 | <0.000322 | <0.000322 | <0.000322 | <0.000322 | **0.83** | **4,900** |
| 1,3,5-Trimethylbenzene | <0.0001 U | <0.000104 | <0.000104 | <0.000104 | <0.000104 | <0.000104 | <0.000104 | <0.000104 | <0.000104 | <0.000104 | <0.000104 | **0.83** | **3,800** |
| Vinyl Chloride | <0.0004 U | <0.000234 | <0.000234 | <0.000234 | <0.000234 | <0.000234 | <0.000234 | <0.000234 | 0.000320 J | <0.000234 | <0.000234 | **0.002** | **3.8** |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | | | | | | |

**Notes:**

12/22/2020* = Data from Modern Geosciences Phase II Site Investigation Report dated January 12, 2021

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

Results related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/l - milligrams per liter

NA - Not Analyzed

NSP - No Standard Published

**Qualifiers (Modern Geosciences Samples):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

B: A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination

**Qualifiers (Consolidated Consulting Group Samples):**

J: The identification of the analyte is acceptable; the reported value is an estimate

J4: The associated batch QC was outside the established quality control range for precision

B: A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicated possible field or laboratory contamination.




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# TABLE 3 - Groundwater Analytical Summary Table (TRRP)

Total Petroleum Hydrocarbons

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| Client Sample ID | MW-2 | | MW-3 | | MW-4 | | MW-5 | | MW-6 | | MW-7 | | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020* | 5/4/2021 | 12/22/2020* | 5/4/2021 | 12/22/2020* | 5/5/2021 | 12/22/2020* | 5/5/2021 | 12/22/2020* | 5/5/2021 | 12/22/2020* | 5/5/2021 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | | |
| C6-C12 | <0.707 U | <0.600 | <0.706 U | <0.600 | <0.704 U | <0.600 | <0.692 U | <0.600 | <0.72 U | <0.600 | <0.726 U | <0.600 | **0.98** | **1,800** |
| C12-C28 | <0.707 U | <0.600 | <0.706 U | <0.600 | <0.704 U | <0.600 | <0.692 U | <0.600 | <0.72 U | <0.600 | <0.726 U | <0.600 | **0.98** | **7,500** |
| C28-C35 | <0.707 U | <0.600 | <0.706 U | <0.600 | <0.704 U | <0.600 | <0.692 U | <0.600 | <0.72 U | <0.600 | <0.726 U | <0.600 | **0.98** | **7,500** |

| Client Sample ID | MW-8 | | MW-9 | MW-10 | MW-12 | MW-14 | MW-15 | MW-16 | MW-17 | MW-19 | TMW-52 | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020* | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/6/2021 | 8/10/2021 | 2/8/2022 | 2/8/2022 | 2/8/2022 | 2/7/2022 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | | | | | | |
| C6-C12 | <0.708 U | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | **0.98** | **1,800** |
| C12-C28 | <0.708 U | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | **1.28** | <0.600 | **2.05** | **0.98** | **7,500** |
| C28-C35 | <0.708 U | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | <0.600 | **1.20** | <0.600 | **2.17** | **0.98** | **7,500** |

**Notes:**

12/22/2020* = Data from Modern Geosciences Phase II Site Investigation Report dated January 12, 2021

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

Results related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

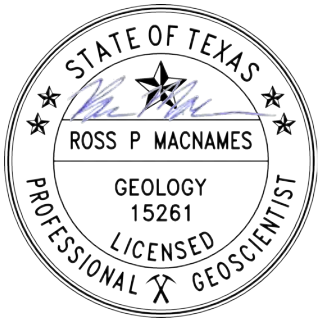
mg/l - milligrams per liter

**Qualifiers (Modern Geosciences Samples):**

U: Analyte was not detected

**Qualifiers (Consolidated Consulting Group Samples):**

J3: The associated batch QC was outside the established quality control range for precision




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# TABLE 3 - Groundwater Analytical Summary Table (TRRP)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| Client Sample ID | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | MW-12 | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/4/2021 | 5/4/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | | | | | |
| Benzo(b)fluoranthene | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | **0.0091** | **2,400** |
| Benzo(k)fluoranthene | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | <0.000120 | **0.091** | **140,000** |
| Benzo(g,h,i)perylene | <0.000121 | <0.000121 | <0.000121 | <0.000121 | <0.000121 | <0.000121 | <0.000121 | <0.000121 | <0.000121 | <0.000121 | **0.73** | **NSP** |
| Benzo(a)pyrene | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | <0.0000381 | **0.0002** | **29** |
| Chrysene | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | <0.000130 | **0.91** | **860,000** |
| Dibenz(a,h)anthracene | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | <0.0000644 | **0.0002** | **1,500** |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | | | | | |

| Client Sample ID | MW-14 | MW-15 | MW-16 | MW-17 | MW-19 | TMW-52 | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/6/2021 | 8/10/2021 | 2/8/2022 | 2/8/2022 | 2/8/2022 | 2/7/2022 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270C** | | | | | | | | |
| Benzo(b)fluoranthene | <0.000130 | <0.0000168 | N/A | N/A | <0.0000168 | N/A | **0.0091** | **2,400** |
| Benzo(k)fluoranthene | <0.000120 | <0.0000202 | | | <0.0000202 | | **0.091** | **140,000** |
| Benzo(g,h,i)perylene | <0.000121 | <0.0000184 | | | <0.0000184 | | **0.73** | **NSP** |
| Benzo(a)pyrene | <0.0000381 | <0.0000184 | | | <0.0000184 | | **0.0002** | **29** |
| Chrysene | <0.000130 | <0.0000179 | | | <0.0000179 | | **0.91** | **860,000** |
| Dibenz(a,h)anthracene | <0.0000644 | <0.0000160 | | | <0.0000160 | | **0.0002** | **1,500** |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | | |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

Results related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/l - milligrams per liter

NA - Not Analyzed

NSP - No Standard Published

**Qualifiers (Consolidated Consulting Group Samples):**

J: The identification of the analyte is acceptable; the reported value is an estimate




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# TABLE 3 - Groundwater Analytical Summary Table (TRRP)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

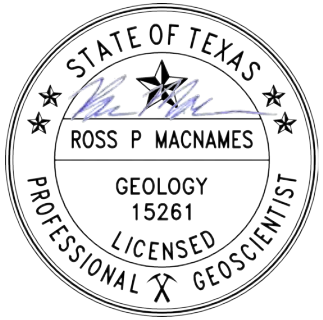
Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| Client Sample ID | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | MW-12 | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/4/2021 | 5/4/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | 5/5/2021 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Polychlorinated Biphenyls (PCBs) by Method 8082** | | | | | | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | **0.0005** | **2.9** |
| PCB 1221 | | | | | | | | | | | **0.0005** | **2.9** |
| PCB 1232 | | | | | | | | | | | **0.0005** | **2.9** |
| PCB 1242 | | | | | | | | | | | **0.0005** | **2.9** |
| PCB 1248 | | | | | | | | | | | **0.0005** | **2.9** |
| PCB 1254 | | | | | | | | | | | **0.0005** | **2.9** |
| PCB 1260 | | | | | | | | | | | **0.0005** | **2.9** |

| Client Sample ID | MW-14 | MW-15 | MW-16 | MW-17 | MW-19 | TMW-52 | $^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l | $^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l |
|---|---|---|---|---|---|---|---|---|
| Date Collected | 5/6/2021 | 8/10/2021 | 2/8/2022 | 2/8/2022 | 2/8/2022 | 2/7/2022 | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | |
| **Polychlorinated Biphenyls (PCBs) by Method 8082** | | | | | | | | |
| PCB 1016 | N/A | <0.000270 | N/A | N/A | N/A | N/A | **0.0005** | **2.9** |
| PCB 1221 | | <0.000270 | | | | | **0.0005** | **2.9** |
| PCB 1232 | | <0.000270 | | | | | **0.0005** | **2.9** |
| PCB 1242 | | <0.000270 | | | | | **0.0005** | **2.9** |
| PCB 1248 | | <0.000173 | | | | | **0.0005** | **2.9** |
| PCB 1254 | | <0.000173 | | | | | **0.0005** | **2.9** |
| PCB 1260 | | <0.000173 | | | | | **0.0005** | **2.9** |




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**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

Results related to petroleum storage tank (PST) releases can be found in Table 2: Soil Analytical Summary Table (PST)

mg/l - milligrams per liter

NA - Not Analyzed

# TABLE 4 - Groundwater Analytical Summary Table (PST)

RCRA 8 Metals

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | **MW-1** | **MW-11** | **MW-13** | **MW-18** | **TCEQ PST Program Action Levels (mg/l)** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|
| Date Collected | 5/4/2021 | 5/5/2021 | 5/6/2021 | 2/8/2022 | | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | | |
| **RCRA 8 Metals (ICP) by EPA Method 6010B and 7470A (Dissolved)** | | | | | | | |
| Arsenic | <0.00440 | <0.00440 | <0.00440 | NA | **NSP** | **0.01** | **NSP** |
| Barium | 0.0527 | 0.0844 | 0.103 | | | **2** | **NSP** |
| Cadmium | <0.000479 | <0.000479 | <0.000479 | | | **0.005** | **NSP** |
| Chromium | <0.00140 | <0.00140 | <0.00140 | | | **0.1** | **NSP** |
| Lead | <0.00299 | <0.00299 | <0.00299 | | | **0.015** | **NSP** |
| Selenium | 0.0100 | <0.00735 | 0.00763 J | | | **0.05** | **NSP** |
| Silver | <0.00154 | <0.00154 | <0.00154 | | | **0.12** | **NSP** |
| Mercury | <0.000100 | <0.000100 | <0.000100 | | | **0.002** | **7.3** |

**Notes:**

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSI

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [criticalPCL With MSD]

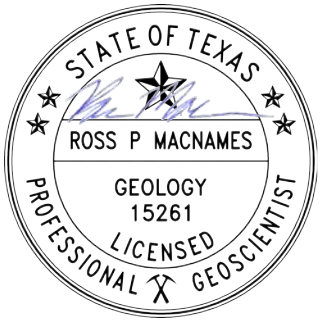
Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

mg/l - milligrams per liter

NSP - No Standard Published

**Qualifiers (MW-1, MW-11, MW-13, and MW-18):**

J: The identification of the analyte is acceptable; the reported value is an estimate




11/14/25

# TABLE 4 - Groundwater Analytical Summary Table (PST)

Volatile Organic Compounds

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | **MW-1** | | **MW-11** | **MW-13** | **MW-18** | **TCEQ PST Program Action Levels (mg/l)** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020* | 5/4/2021 | 5/5/2021 | 5/6/2021 | 2/8/2022 | | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | | |
| **Volatile Organic Compounds (VOCs) by Method 8260B** | | | | | | | | |
| n-Butylbenzene | 0.00116 J | <0.000157 | <0.000157 | <0.000157 | <0.000157 | **NSP** | **1.2** | **NSP** |
| Benzene | <0.00100 U | <0.0000941 | <0.0000941 | <0.0000941 | <0.0000941 | **0.005** | **0.005** | **180** |
| cis-1,2-Dichloroethene | <0.0001 U | <0.000126 | <0.000126 | <0.000126 | 0.000397 J | **NSP** | **0.07** | **1,200** |
| Ethylbenzene | <0.00100 U | <0.000137 | <0.000137 | <0.000137 | <0.000137 | **0.7** | **0.7** | **30000** |
| 4-Methyl-2-Pentanone (MIBK) | NA | <0.000478 | 0.000603 J | <0.000478 | <0.000478 | **NSP** | **2** | **670,000** |
| Methyl tert-butyl ether (MTBE) | <0.00100 U | <0.000101 | 0.000110 J | <0.000101 | 0.00406 | **0.240** | **0.24** | **4,000** |
| Toluene | <0.00100 U | <0.000278 | <0.000278 | <0.000278 | <0.000278 | **1** | **1** | **64000** |
| Total Xylenes | <0.00100 U | <0.000174 | <0.000174 | <0.000174 | <0.000174 | **10** | **10** | **10000** |
| All other VOC analytes are below laboratory sample detection limits | | | | | | | | |

**Notes:**

Bolded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

mg/l - milligrams per liter

NSP - No Standard Published

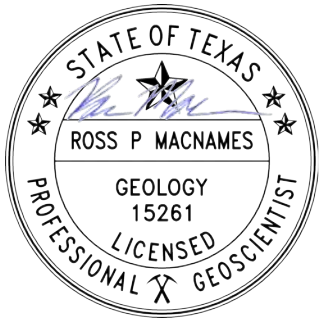
**Qualifiers (MW-1):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, and MW-18):**

J: The identification of the analyte is acceptable; the reported value is an estimate




11/14/25

# TABLE 4 - Groundwater Analytical Summary Table (PST)

Total Petroleum Hydrocarbons

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | **MW-1** | | **MW-11** | **MW-13** | **MW-18** | **TCEQ PST Program Action Levels (mg/l)** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|---|
| Date Collected | 12/22/2020* | 5/4/2021 | 5/5/2021 | 5/6/2021 | 2/8/2022 | | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | | |
| **Total Petroleum Hydrocarbons (TPH) by TCEQ Method 1005** | | | | | | | | |
| C6-C12 | <0.693 U | <0.600 | <0.600 | <0.606 | <0.600 | **NSP** | **0.98** | **1,800** |
| C12-C28 | 0.732 | <0.600 | <0.600 | <0.606 | <0.600 J3 | | **0.98** | **7,500** |
| C28-C35 | <0.693 U | <0.600 | <0.600 | <0.606 | <0.600 | | **0.98** | **7,500** |

**Notes:**

Bolded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSD]

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

mg/l - milligrams per liter

NSP - No Standard Published

**Qualifiers (MW-1):**

U: Analyte was not detected

**Qualifiers (MW-11, MW-13, and MW-18):**

J3: The associated batch QC was outside the established quality control range for precision




11/14/25

# TABLE 4 - Groundwater Analytical Summary Table (PST)

Semi-Volatile Organic Compounds

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | **MW-1** | **MW-11** | **MW-13** | **MW-18** | **TCEQ PST Program Action Levels (mg/l)** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|
| Date Collected | 5/4/2021 | 5/5/2021 | 5/6/2021 | 2/8/2022 | | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | | |
| **Semi-Volatile Organic Compounds (SVOCs) by Method 8270E-SIM - Polycyclic Aromatic Hydrocarbons (PAH)** | | | | | | | |
| Benzo(b)fluoranthene | 0.000218 J | <0.000130 | <0.000130 | <0.0000168 | **0.000852** | **0.0091** | **2,400** |
| Benzo(k)fluoranthene | 0.000259 J | <0.000120 | <0.000120 | <0.0000202 | **0.00852** | **0.091** | **140,000** |
| Benzo(g,h,i)perylene | 0.000353 J | <0.000121 | <0.000121 | <0.0000184 | **1.1** | **0.73** | **NSP** |
| Benzo(a)pyrene | **0.000201 J** | <0.0000381 | <0.0000381 | <0.0000184 | **0.0002** | **0.0002** | **29** |
| Chrysene | 0.000161 J | <0.000130 | <0.000130 | <0.0000179 | **0.0852** | **0.91** | **860,000** |
| Dibenz(a,h)anthracene | **0.000297 J** | <0.0000644 | <0.0000644 | <0.0000160 | **0.0002** | **0.0002** | **1,500** |
| All other SVOC analytes are below laboratory sample detection limits | | | | | | | |

**Notes:**

Bolded values are above the TCEQ PST Program Action Levels

Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an MSI

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

mg/l - milligrams per liter

**Qualifiers (MW-1):**

J: The target analyte was positively identified below the quantitation limit and above the detection limit




11/14/25

# TABLE 4 - Groundwater Analytical Summary Table (PST)

Polychlorinated Biphenyls

Site Name: 4001 Irving Boulevard

4001, 4003, and 4007 Irving Boulevard

3918 and 3920 Halifax Street

Dallas, Dallas County, Texas

CCG Project #: 4891

VCP #: 3185

| **Client Sample ID** | **MW-1** | **MW-11** | **MW-13** | **MW-18** | **TCEQ PST Program Action Levels (mg/l)** | **$^{GW}GW_{Ing}$ Tier 1 Residential PCLs mg/l** | **$^{Air}GW_{Inh-V}$ Tier 1 Residential cPCLs mg/l** |
|---|---|---|---|---|---|---|---|
| Date Collected | 5/4/2021 | 5/5/2021 | 5/6/2021 | 2/8/2022 | | | |
| Analyte | Result mg/l | Result mg/l | Result mg/l | Result mg/l | | | |
| **Polychlorinated Biphenyls (PCBs) by Method 8082** | | | | | | | |
| PCB 1016 | N/A | N/A | N/A | N/A | **NSP** | **0.0005** | **2.9** |
| PCB 1221 | | | | | | **0.0005** | **2.9** |
| PCB 1232 | | | | | | **0.0005** | **2.9** |
| PCB 1242 | | | | | | **0.0005** | **2.9** |
| PCB 1248 | | | | | | **0.0005** | **2.9** |
| PCB 1254 | | | | | | **0.0005** | **2.9** |
| PCB 1260 | | | | | | **0.0005** | **2.9** |

**Notes:**

Bolded values are above the TCEQ PST Program Action Levels

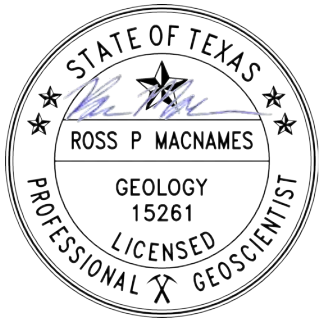
Bolded values are above the Texas Risk Reduction Program (TRRP) Tier I Residential GWGWIng PCLs, based on TRRP tables dated March 2023 [Ingestion PCLs Without an MSD]

Green highlighted and bolded values are above the TRRP Tier I Residential and/or commercial/Industrial AirGWInh-V, based on the TRRP tables dated March 2023 [Non-Ingestion criticalPCL With an M

Values with "<" symbol indicate analyte not detected above listed laboratory Sample Detection Limit (SDL)

mg/l - milligrams per liter

NSP - No Standard Published




11/14/25

# ITEM 9: STATEMENT – PLUME CHARACTERISTICS

Affected groundwater, subject to the TCEQ TRRP, has been identified above TCEQ ingestion PCLs for the following COCs:

- TPH (C12-C28 and C28-C35 ranges).

TRRP Residential $^{Air}GW_{Inh-V}$ (non-ingestion) PCL exceedances in groundwater have not been identified.

TPH exceedances have been identified in groundwater at two sample locations located on the Anchor Property, permanent monitor well MW-17 and temporary monitor well TMW-52. The actual source of the TPH exceedances is unknown, however appear to be a result of Trinity's overall long-term industrial operations performed on the Anchor Property and reported use of multiple petroleum containing products.

The vertical extent of the affected groundwater above TCEQ ingestion PCLs is from approximately 8 feet below ground surface (static groundwater depth) to the top of the Eagle Ford Formation. The Eagle Ford Formation wasn't encountered during the advancement of the soil borings installed on the Anchor Property, however based on surrounding borings logs is anticipated to be between 40 – 50 feet below ground surface (bgs). Therefore, the vertical extent of the PCL exceedance zone extends from approximately 8 – 50 feet bgs.

Based on the limited groundwater data available to date, plume stability for the identified PCLE zones has not yet been determined. However, based on surrounding soil and groundwater analytical results, we expect that the TPH PCLE zones are limited to on-site locations and not expanding.

Following the implementation of the MSD for the Designated Property, the TRRP non-ingestion PCLs ($^{Air}GW_{Inh-V}$) will become the cPCLs for the Anchor Property. Non-ingestion PCL exceedances in groundwater have not been identified.

# ITEM 10: STATEMENT – EXCEEDANCES OF RESIDENTIAL ASSESSMENT LEVELS WITHOUT MSD

**Groundwater**

Affected groundwater, subject to the TCEQ TRRP, has been identified above TCEQ residential assessment levels ($^{GW}GW_{Ing}$ PCLs) on-site for the following COCs:

- TPH (C12-C28 and C28-C35 ranges).

Non-ingestion ($^{Air}GW_{Inh-V}$) PCL exceedances in groundwater have not been identified.

Other potential COCs in groundwater investigated, including RCRA 8 Metals, VOCs, SVOCs, and PCBs, were all detected at concentrations either below laboratory SDLs or below TCEQ residential assessment levels (RALs); therefore, not considered COCs.

No COCs in groundwater are known to exceed the TCEQ $^{GW}GW_{Ing}$ PCLs (Ingestion) PCLs located off-site without an MSD.

**Soil**

Affected soil, subject to the TCEQ TRRP, has been identified above TCEQ residential assessment levels ($^{GW}Soil_{Ing}$ PCLs) on-site for the following COCs:

- RCRA 8 Metals (arsenic, lead and selenium)
- VOCs (benzene, cis-1,2-dichlroethene, tetrachloroethene, 1,1,2-trichloroethane, trichloroethene, and vinyl chloride)
- TPH (C6-C12, C12-C28, and C28-C35 ranges).

Other potential COCs in soil investigated, including SVOCs, PAH, and PCBs, were detected at concentrations either below laboratory SDLs or below TCEQ RALs; therefore, not considered as COCs.

No COCs in soil are known to exceed the TCEQ $^{GW}Soil_{Ing}$ PCLs (Ingestion) PCLs located off-site without an MSD.

# ITEM 11: STATEMENT – EXCEEDANCES OF RESIDENTIAL ASSESSMENT LEVELS WITH MSD

**Groundwater**

Following the implementation of the MSD for the Designated Property, the TRRP non-ingestion PCLs ($^{Air}GW_{Inh-V}$) will become the cPCL for the Anchor Property. Non-ingestion PCL exceedances in groundwater have not been identified on or off-site.

**Soil**

Following the implementation of the MSD for the Designated Property, the following COCs detected on-site exceed RALs:

| COC: | Result/Boring ID (mg/kg) | TRRP Ingestion PCL: $^{GW}Soil_{ING}$ (mg/kg) [Without MSD] | TRRP Non-Ingestion PCL: $^{Total}Soil_{Comb}$ (mg/kg) [With MSD] | With MSD and Comm/Ind Institutional Control (cPCL) | Location: |
|---|---|---|---|---|---|
| TPH C12-C28 | **4230** B-17 6-8' | **200** | **2,300** | **12,000** | On-site |
| | **2870** B-45 2.5-5' | | | | |
| TPH C28-C35 | **4730** B-17 6-8' | **200** | **2,300** | **12,000** | On-site |

An institutional control restricting the use of the Anchor Property to Commercial/Industrial will be added to the property deed following the implementation of the MSD. The Commercial/Industrial TRRP non-ingestion PCLs ($^{Total}Soil_{Comb}$) will become the cPCLs for the Anchor Property. None of the soil results exceed the cPCL with the implementation of the MSD and the Commercial/Industrial institutional control.

No COCs in soil are known to exceed the TCEQ $^{Total}Soil_{Comb}$ PCLs (Non-Ingestion) located off-site with an MSD.

# ITEM 12: ORIGIN OF CONTAMINATION

The Anchor Property (Tract #1) was most recently occupied by Trinity Industries, Inc. (Trinity) who first started operating on portions of the Anchor Property starting in the 1950s lasting through 2020. Trinity used the Anchor Property for steel fabrication, manufacturing of railroad equipment, fleet maintenance and refueling, compressor maintenance, and metal and materials testing.

The origin of the known Metals, VOC and TPH contamination to soil and/or groundwater at the Designated Property is unknown, however is suspected to be associated with Trinity's overall long-term industrial operations performed on the Anchor Property and documented use of multiple petroleum and solvent containing products as documented in Item 5. Potential sources of contamination identified on the Anchor Property associated with Trinity's operations can be found in Item 4, Figure 4 – Source/Sample Location Map (Anchor Property). A detailed summary of potential sources investigated can be found in Item 16.

Additionally, PAHs (benzo(a)pyrene and dibenz(a,h)anthracene) were detected in groundwater at the Designated Property above TCEQ ingestion PCLs, however the detections are associated with an adjacent PST site (PST Facility ID 23935 and 23936) located at 5131 Cash Road; therefore, related to a 40 TAC Chapter 334 PST release and not subject to TRRP. TCEQ concurred with this determination in a letter dated March 14, 2023 (A copy of the letter can be found in Item 6). All other PAH results were detected below TCEQ ingestion PCLs.

# ITEM 13: REGULATORY ACTIONS

A VCP application for the Anchor Property was submitted on September 17, 2021. The property was accepted and enrolled in the TCEQ VCP program on November 2, 2021 and was assigned VCP No. 3185. A copy of the acceptance letter from the TCEQ is provided in Item 15.

As requested by the TCEQ VCP, a Drinking Water Survey (DWS) Report, dated December 19, 2022, was submitted for the Anchor Property. No private drinking water wells or public drinking water wells were identified within one-half mile of the Anchor Property. A copy of the DWS report is provided in Item 28.

As requested by the TCEQ VCP, a Release Determination Report (RDR), dated November 1, 2023, was submitted documenting the removal of one 12,000-gallon diesel above ground storage tank and one unknown size underground storage tank/oily sump from the Anchor Property. The facility received a no further actions letter dated March 6, 2024. A copy of the RDR is provided in Item 28.

To the extent known, no other environmental regulatory actions have been taken in connection with the Designated Property within the past 5 years.

# ITEM 14: STATE OR FEDERAL REGISTRATIONS, PERMITS AND I.D. NUMBERS THAT APPLY TO THE DESIGNATED PROPERTY

A listing of all state and federal registrations, permits, and I.D. numbers associated with the Designated Property is provided in the tables below:

| | | Program: | ID Number: | Status: |
|---|---|---|---|---|
| Tract ID #1 | 4001 Irving Boulevard (aka 4003 Irving Boulevard, 4007 Irving Boulevard, 3920 Halifax Street, 3918 Halifax Street) Dallas, TX 75247 | Resource Conservation and Recovery Act (RCRA) – Generator/Handler | TXD007251416 | Closed |
| | | | TXD980624373 | Closed |
| | | Industrial Hazardous Waste (IHW) | 30214 | Closed |
| | | | 40269 | Closed |
| | | Leaking Petroleum Storage Tanks Remediation | 105330 | NFA |
| | | | 107494 | NFA |
| | | Petroleum Storage Tank Registration | 17217 | Closed |
| | | Voluntary Cleanup Program | 3185 | Active |

Notes:

- All the above listing are associated with regulated entity, Trinity Industries Transportation (RN104550835) and Trinity Industries (RN102867058).
- PST registration number 17217 is associated with six underground storage tanks (USTs) containing gasoline, diesel and used oil that were reportedly installed in 1980 and removed from the ground between 1985 and 1999, and one aboveground storage tank (AST) containing diesel installed in 1998 and listed out of use as of 2021.
- LPST case # 105330 received a No Further Action (NFA) letter dated November 20, 1992 and LPST case # 107494 received a NFA letter dated January 4, 1994 (attached). Further details regarding case 107494 can be found in Item 16.

| | | Program: | ID Number: | Status: |
|---|---|---|---|---|
| Tract ID #2 and Tract ID #3 | 3919 Irving Boulevard and 5025 Cash Road Dallas, TX 75247 | Resource Conservation and Recovery Act (RCRA) – Generator/Handler | TXR000080453 | Closed |
| | | | TXD044630119 | Closed |
| | | Industrial Hazardous Waste (IHW) | 90760 | Closed |
| | | | 75395 | Active |
| | | | 37839 | Closed |
| | | Leaking Petroleum Storage Tanks Remediation | 117034 | NFA |
| | | Municipal Solid Waste Facility | 100028 | Active |
| | | Petroleum Storage Tank Registration | 78284 | Closed |
| | | Used Oil | TXR000080453 | Active |
| | | | A86127 | Active |

Notes:

- The above listings are associated with regulated entity, WM Cash Road MRF (RN104089644), Stewart & Stevenson Services (RN103029997), and Stewart & Stevenson Cash RD (RN100567080).

- The RCRA listing is currently inactive and was last updated in 2005. Stewart & Stevenson Services, Inc was historically registered as Small Quantity Generator (SGQ) of: lead, chlorobenzene, methyl ethyl ketone (MEK), ignitable waste, 1,4-dichlorobenzene, cadmium, chromium, benzene, tetrachloroethylene, trichloroethylene, and various other spend halogenated and non-halogenated solvents.
- The IHW listing is inactive and was historically associated with Stewart & Stevenson Services, Inc. who was registered as a generator of: waste antifreeze, empty metal drums, waste paint and thinner, coolant flush, vehicles fuels, spent solvent, paint waste, and immersion cleaner.
- The Municipal Solid Waste Facility is listed as a "recycling facility".
- PST registration 78284 is associated with four USTs containing used oil that were reportedly installed in 1987 and permanently filled in place in 2006, and one AST containing diesel installed in 2009 and listed out of use as of 2015.
- LPST case # 117034 received a NFA letter dated May 22, 2007 (A copy of the letter NFA letter has not been found).

| | | Program: | ID Number: | Status: |
|---|---|---|---|---|
| Tract ID #4 | 4211 Irving Boulevard Dallas, TX 75247 | Resource Conservation and Recovery Act (RCRA) – Generator/Handler | TXD053118758 | Active |
| | | | TXP490351445 | Closed |
| | | Industrial Hazardous Waste (IHW) | 36680 | Closed |
| | | | 68811 | Active |
| | | Leaking Petroleum Storage Tank Remediation | 112956 | NFA |
| | | Petroleum Storage Tank Registration | 13636 | Closed |
| | | | 77668 | Active |
| | | Pollution Prevention Planning | P09493 | Active |

Notes:

- All the above listing are associated with regulated entity, Southeastern Freight Lines (RN104793351).
- PST registration 13636 is associated with five USTs containing gasoline, diesel, used oil and new oil that were reportedly installed in 1996 and 1987 and removed from the ground in 1998.
- PST registration 77668 is associated with five ASTs containing diesel that were reportedly installed between 2005 and 2023. Four of the ASTs are listed as active and one of the ASTs is listed as out of use since 2023.
- LPST case # 112956 received a NFA letter dated June 14, 2002 (attached).

## Item 14 Attachments

- No Further Action Letter Dated January 4, 1994 (LPST Case #107494)
- No Further Action Letter Dated June 14, 2002 (LPST Case #112956)

John Hall, *Chairman*
Pam Reed, *Commissioner*
Peggy Garner, *Commissioner*
Anthony Grigsby, *Executive Director*

F & V 107494

# TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

January 4, 1994

RECEIVED
JAN 12 1994
TWC/PST/RPR
FIELD OPERATIONS DIVISION

Mr. Fletch Helmer
Corporate Environmental Coordinator
Trinity Industries, Inc.
P. O. Box 568887
Dallas, Texas 75356

Re: Closure Report Review for the Trinity Industries Facility located at 4001 Irving Blvd., Irving (Dallas County), Texas (LPST ID No. 107494)

Dear Mr. Helmer:

We have completed our review of the closure report dated December 27, 1993 prepared by your contractor, American Waste Company, Inc. The report addresses the underground storage tank removals (11-19-93) and the overexcavation and disposal of petroleum hydrocarbon contaminated soils from the dispenser island and tank pit areas at the above referenced facility. Based upon this and other currently available information, we conclude that no further action is necessary at this time.

Should you have any questions, please contact Mr. Lonnie Gilley at (214)298-6171. Your cooperation in this matter has been appreciated.

Sincerely,

Tony L. Walker
PST/Stage II Team Leader

RLG

cc: Mr. Ron Pedde, RPR Section, PST Division

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
Kathleen Hartnett White, *Commissioner*
Jeffrey A. Saitas, *Executive Director*

# TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

JUNE 14, 2002

Mr. W.T. Brogdon
Southeastern Freight Lines
P.O. Box 1691
Columbia, SC 29202

Re: Leaking Petroleum Storage Tank (LPST) Case Closure of Subsurface Release of Hydrocarbons at Former Merchants Fast Motor Lines, 4211 Irving Blvd., Dallas (Dallas County), Texas (LPST ID No. 112956 - Facility ID No. 0013636 - Site Priority 4.1) R-4

Dear Mr. Brogdon:

This letter confirms the completion of corrective action requirements for the release incident at the above-referenced facility. Based upon the submitted information and with the provision that the documentation provided to this agency was accurate and representative of site conditions, we conclude that the site meets the exit criteria established in the Interoffice Memorandum entitled, *Process for Closure Evaluation for Petroleum Hydrocarbon LPST Sites Exceeding Target Concentrations*. Therefore, no further corrective action is necessary. The criteria includes, but are not limited to the following:

- adsorbed-phase impacts have been adequately delineated and do not exceed residential health-based target levels;
- adsorbed-phase impacts do not exceed theoretical explosive limits;
- although PSH has been reported in MW-3, these amounts were below 0.1' and PSH has not been encountered for the last two monitoring events;
- all monitor wells have exhibited contaminant concentrations of BDL or below MCLs for the last two monitoring events, and all wells other than MW-3 have exhibited concentrations of BDL for all monitoring events; and
- identified possible receptors do not appear threatened.

Please note that financial assurance must be maintained for all operational storage tanks at this site. Please be aware that case closure is based on identified exposure pathways and that any remaining contaminant levels and potential exposure pathways should be evaluated when conducting any future soil excavation or construction activities at this site. Please ensure that any wastes generated from these activities are handled in compliance with all applicable regulations.

Please be advised that all monitor wells which are not now in use and/or will not be used in the next 180 days must be properly plugged and abandoned pursuant to Chapter 32.017 of the Texas Water Code and in accordance with Title 16, Texas Administrative Code (TAC), Section 76.1004. A State of Texas Plugging

Report (Form No. TNRCC-0055) is required to be submitted to the Water Well Drillers Section of the Texas Department of Licensing and Regulation, P.O. Box 12157, Capitol Station, Austin, Texas 78711, within thirty (30) days of plugging completion. If you have any questions regarding the future use of an existing monitor well, please contact the Texas Department of Licensing and Regulation at 512/463-7880 or 800/803-9202.

If there are to be any monitor well plugging or other necessary site restoration activities to complete site closure, complete a *Final Site Closure Report* and submit the report to the TNRCC Central Office in Austin to document actual site closure. For sites which are eligible for reimbursement through the Petroleum Storage Tank Remediation Fund, written preapproval should be obtained prior to initiation of site closure activities. Reimbursement claims for activities that are not preapproved will not be paid until all claims for preapproved work are processed and paid.

Please note that the *Final Site Closure Report*, if necessary, will be the last submittal associated with this case. This letter signifies the completion of corrective action associated with the release. No subsequent TNRCC correspondence will be issued in response to the *Final Site Closure Report*.

Please note that all correspondence must include the LPST ID Number. Should you have any questions, please contact Imants Pone of AES-Regulatory Services, Inc. (PST Privatization Contractor) at (512) 990-7467, extension 207. **Please reference the LPST ID Number when making inquiries.** Your cooperation in this matter has been appreciated.

Sincerely,

B. V. D. Prasanthi

Dennis Rogers
TNRCC Onsite Representative
PST-Responsible Party Remediation Section
Remediation Division

DRR/imp
112956.fnn

## ITEM 15: STATEMENT – REGARDING PROPERTYS PARTICIPATION IN STATE AND FEDERAL ENVIRONMENTAL PROGRAMS

A VCP application for the Anchor Property was submitted on September 17, 2021. The Anchor Property was accepted and enrolled in the TCEQ VCP program on November 2, 2021 and was assigned VCP No. 3185. An Affected Property Assessment Report (APAR) dated December 20, 2022 and an APAR Update dated October 31, 2023 documenting the assessment results conducted on the Anchor Property have been submitted and reviewed by the TCEQ. Currently the Anchor Property is waiting for the establishment of the MSD for the Designated Property in order to receive a certificate of completion from the TCEQ VCP. A copy of the acceptance letter from the TCEQ is provided in this Item.

An institutional control restricting the use of the Anchor Property to Commercial/Industrial will be added to the property deed following the implementation of the MSD.

# Item 15 Attachments

- Voluntary Cleanup Program Acceptance Letter Dated November 2, 2021

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 2, 2021

Mr. Ryan Smigiel, Vice President of Real Estate
Southeastern Freight Lines, Inc.

Via Email

Re: 4001 Irving Blvd Property (site), located at 4001 4003 4007 Irving Blvd. and 3918 3920 Halifax St., Dallas, Dallas County, TX; Voluntary Cleanup Program (VCP) No. 3185; Customer No. CN600596191; Regulated Entity No. RN102867058

Dear Mr. Smigiel:

The Texas Commission on Environmental Quality (TCEQ) has received the Voluntary Cleanup Program Application submitted pursuant to §361.604 of the Texas Solid Waste Disposal Act for assistance and review of site investigation and cleanup activities for the above referenced site. After careful review, the application is determined to be administratively complete and is eligible for the VCP. Enclosed for your records is a signed copy of the VCP Agreement. Ms. Heather Podlipny is the assigned project manager for this site. Based on the VCP Agreement submittal schedule, the Affected Property Assessment Report (APAR) is due on May 31, 2022. Quarterly Status Reports are due on the 15th day of the month following each quarter, beginning December 15, 2021.

Future submittals should be mailed to the TCEQ, VCP-CA Section, mail code MC-221, at the letterhead address. Please provide one paper copy and one electronic copy (on USB or disc) of all submittals. Note that the electronic and hard copies should be identical, complete copies. A Correspondence ID Form (TCEQ Form 20428) must accompany each document submitted to the Remediation Division and should be affixed to the front of your submittal. The Correspondence ID Form helps ensure that your documents are identified correctly and are routed to the applicable program for a timely response. You may contact Ms. Podlipny with any questions at heather.podlipny@tceq.texas.gov or (512) 239-2603.

Sincerely,

Iryna Kushnirsky, Team Leader
VCP-CA Section
Remediation Division

cc: Andy Erickson, President, Schwob Companies, LLC (via email)
W. Leighton Lord III, Attorney, Nexsen Pruet, LLC (via email)
Jude Havens, Principal, Consolidated Consulting Group, LLC (via email)
Kyle Granby, Project Manager, Consolidated Consulting Group, LLC (via email)
Rick Mosman, Consultant, Consolidated Consulting Group, LLC (via email)
Erin Gorman, Waste Section Manager, TCEQ Region 4 Office, Fort Worth

# ITEM 16: SUMMARY OF ENVIRONMENTAL SITE ASSESSMENT REPORTS FILED WITH TCEQ

**A summary of environmental site assessment reports filed with the TCEQ associated with Tract #1 (Anchor Property) is presented below:**

**Phase I Environmental Site Assessment, Modern Geosciences LLC – January 6, 2021**
A Phase I Environmental Site Assessment prepared for the Anchor Property by Modern on January 6, 2021 identified the following historical uses of the property between the early 1950s and 2020:

- *"In the early 1950s, the Site (4007 Irving Blvd) was developed with three (3) structures on the southern portion of the Site. By the late 1950s, a structure on the southeast portion of the Site as well as the current on-site truck maintenance facility, industrial manufacturing facility, parts warehouse, compressor shop, and materials testing laboratory/offices are constructed. By the late 1960s, the structure on the southeast portion of the Site was extended into the former metal's laboratory. Additionally, the northeast portion of the Site (5151 Cash Road) was developed with two (2) structures* [this location is located to the east of the Site's current northeast boundary and is off-Site]. *By the early 1970s, an additional industrial manufacturing facility was constructed on the western portion of the Site (4007 Irving Blvd). In 1980, a total of six (6) underground storage tanks (USTs) were installed on the central portion of the Site containing gasoline, diesel, or used oil, and were removed from the ground between 1985 and 1999. Two (2) confirmed releases at the Site (LPST Nos. 105330 and 107494) were reported on November 20, 1992 and December 3, 1993 and were closed on November 20, 1992 (same day) and January 4, 1994. By the early 1980s, an additional structure was constructed on the northeast portion of the Site (5151 Cash Road)* [this location is located to the east of the Site's current northeast boundary and is off-Site]. *By 2016, the original portion of the metal's laboratory structure was demolished. By late 2020, the on-site operations ceased and the Site has remained vacant."*

Modern's Phase I ESA identified the following regulatory listings for the Trinity Industries operations:

- PST / AST – Program ID No. 17217
  *"According to the regulatory database and TCEQ records, this facility was improved with six (6) steel underground storage tanks (USTs) containing gasoline, diesel, and used oil, that were installed in 1980 and removed from the ground between 1985 and 1999. Additionally, the Site is improved with one (1) 12,000-gallon steel aboveground storage tank (AST) containing diesel that was installed in 1998 and is in use today"* [This AST and two (2) 250-gallon used oil ASTs, one (1) 500-gallon and one (1) 1,000-gallon gasoline ASTs were all removed from the Site on December 1, 2021).

- LPST – Program ID No. 105330 and 107494
  *"Two (2) confirmed releases at the Site (LPST Nos. 105330 and 107494) were reported on November 20, 1992 and December 3, 1993 and were closed on November 20, 1992 (same day) and January 4, 1994. Modern obtained and reviewed available TCEQ files. According to a Texas Water Commission (TWC) letter referencing the removal of one (1) UST and LPST No. 105330, dated November 20, 1992, stated "elevated levels of TPH (Total Petroleum Hydrocarbons) have been properly removed from the site, leaving all soils within the allowable limits under Texas Water Commission guidelines."*

  *"Available TCEQ files for LPST No. 107494 included a closure letter dated January 4, 1994 that stated "based on the over excavation and disposal of petroleum hydrocarbon contaminated soils from the*

*dispenser island and tank pit areas and other currently available information, we conclude that no further action is necessary at this time."*

*"Additionally, modern* [sic] *reviewed a soil data table referencing samples collected on January 8, 1999 from the two (2) tank holds depicted on the central portion of the Site. The samples were analyzed for BTEX and TPH. The maximum concentrations found were as follows: BTEX (non-detect) and TPH (6,000 mg/Kg from the north wall in the western tank hold). The highest TPH sample was furthermore analyzed for polycyclic aromatic hydrocarbons (PAHs) and exhibited a total PAH value of 15 mg/Kg. A Texas Natural Resource Conservation Commission (TNRCC) letter dated April 7, 1999 stated "based on the information available, it appears that the UST system permanent removal from service activities meet the general requirements of Title 30, Texas Administrative Code (Tex. Admin. Code) 334.55, the TNRCC rules for UST system permanent removal from service." The tanks associated with the apparent 1999* [sic – assumed to be associated with the TNRCC letter discussed above] *are believed to be two (2) 18-000 gallon USTs containing diesel* [assumed to be formerly located northeast of the Custom Parts Machine Shop building] *and an 8,000-gallon UST containing gasoline* [assumed to be formerly located northwest of the loading dock located west of the Southeastern Truck Maintenance Facility building]*, as documented on the TCEQ Central Registry."*

- IHW – Program ID No. 30214
  *"The facility was also listed as an Industrial Hazardous Waste facility registered as Trinity Logistics Group Plant 91 from at least 1982 to 2019. Waste identified included used oil, spent antifreeze, plant trash, scrap metal, tectyl, boiled linseed oil, hydraulic oil, used oil filters, supplemental plant refuse, spent diesel fuel, carburetor cleaning products and parts cleaning products. No violations associated with this facility were reported in the regulatory database."*

- RCRA – VSG – Program ID No. TXD980624373
  *"The facility was also identified as a RCRA-CESQG facility registered as Trinity Logistics Group Plant 91 in 1998, a RCRA-Small Quantity Generator (SQG) from at least 2002 to 2007, a RCRA- Very Small Quantity Generator (VSQG) from at least 2007 to 2020, a RCRA-NonGen in 2018 and a RCRA-CESQG in 1997 and from 2019 to 2020. Waste generated at the facility included ignitable waste. No violations associated with this facility were reported in the regulatory database."*

The following is a summary of the significant observations made by Modern during their Phase I ESA:

- *"Modern observed numerous ASTs containing various fluids such as sludge, used motor oil, used coolant, metal lubrication chemicals, and hydraulic fluid. Significant staining was observed in the vicinity of the ASTs in the metal laboratory and eastern and western industrial manufacturing warehouses. The significant staining is considered an REC in connection with the Site."*

- *"Modern observed two (2) parts washing sinks in the compressor shop and one (1) in the southwest corner of the eastern industrial manufacturing warehouse* [It should be noted that based on additional site reconnaissance conducted by CCG in January 2022, this "parts washing sink in the southwest corner of the eastern industrial manufacturing warehouse" was mis-identified and appears to be a sink for personnel handwashing]*. Additionally, two (2) sinks were observed in the metal's laboratory. De minimis staining was observed in the eastern industrial manufacturing warehouse. Significant staining was observed in the metal's laboratory and compressor shop. The significant staining is considered an REC in connection with the Site."*

- *"Modern observed various chemicals such as paint, sludge, used motor oil, used coolant, metal lubrication chemicals, metal compounds and solutions, and hydraulic fluid within the metal's laboratory, eastern and western industrial manufacturing warehouses and southeastern truck maintenance facility. De minimis staining was observed in the truck maintenance facility. Significant staining was observed in the metal's laboratory and eastern and western industrial manufacturing warehouses. The significant staining is considered an REC in connection with the Site."*

- *"One (1) underground oil/water separator was observed in the southwest corner of the eastern industrial warehouse. One (1) aboveground oil/water separator was observed at the northeastern portion of the southeastern truck maintenance facility. One (1) aboveground oil/water separator was observed behind the wash bay on the southwestern*
  *portion of the Site. Significant staining was observed in the vicinity if* [sic] *the underground oil/water separator in the eastern industrial warehouse... Due to the observed staining and historical operations at this facility (industrial manufacturing), the underground oil/water separators are considered an REC in connection with the Site."*

- *"Modern observed significant and/or de minimis staining throughout each building on-site. The significant staining is considered an REC in connection with the Site."*

- *"Approximately 17 floor drains/sumps were observed in the metal laboratory, truck maintenance facilities, industrial manufacturing warehouses, and western wash bay. Significant and de minimis staining was observed throughout the Site, including in the vicinity of floor drains/sumps. The significant staining throughout the Site (in the vicinity of the drains) is considered an REC in connection with the Site."*

- *"Modern observed the approximate location of two (2) former tank holds on the central portion of the Site. No staining or evidence of a release was observed in these areas. However, based on limited available soil and groundwater data and records indicating all known USTs have been removed, the former USTs/tank holds are considered an REC in connection with the Site."*

- *"Modern observed two (2) 55-gallon drums containing hydraulic fluid and absorbent in poor condition south of the eastern industrial manufacturing warehouse. Staining and evidence of a release was observed underneath and next to these drums. The two (2) 55-gallon drums are considered an REC in connection with the Site. Modern observed an empty barrel storage area between the gasoline and waste oil ASTs and the southeastern truck maintenance facility. De minimis staining was observed in the vicinity of the former storage area. Modern observed a portion of the adjacent west property's (4011 Irving Blvd) staged material on the southwestern portion of the Site. Staged material observed included various used auto parts, 55-gallon drums, and scrap metal."*

- *"Approximately 10 floor drains/sumps were observed near the central portion of the Site, southeastern truck maintenance facility and industrial warehouse. Significant and de minimis staining was observed throughout the Site, including in the vicinity of floor drains/sumps. The significant staining throughout the Site is considered an REC in connection with the Site."*

- *"Solid waste associated with industrial operations was observed in numerous drums and dumpsters throughout the Site. Significant staining was observed throughout the Site that may or may not have been associated with solid waste collection. However, the significant staining throughout the Site is*

*considered an REC in connection with the Site."*

Modern's findings included the following:

- *On-Site RECs:*

  - *"Based on years of operation (approximately 62), type of operations (historic industrial manufacturing, truck maintenance and repair, compressor repair, parts washing, metal and material laboratories, documented releases to soil and an absence of groundwater sampling data associated with the six (6) former USTs, and observations noted during Site reconnaissance (significant staining noted throughout the Site), the Trinity Industries Inc. facility is considered an REC in connection with the Site."*

- *Off-Site RECs:*

  - *"Romco Equipment Co., 3900 Halifax* (formerly part of the Trinity Property but is now located adjacent east of the Site's northeast boundary). *Based on type of operations (industrial), past use of solvents (degreasing), documented releases to soil (VOC and metals), absence of representative groundwater data, years of operation (approximately 40), and staining observed throughout the property, the former Romco Equipment Co. facility is considered an REC in connection with the Site."*

  - *"Best Japan Auto Eng., Goodyear Transmission Plant - 4011 Irving Blvd. Based on distance (adjacent) to the Site, years of operation (approximately 62), type of operations (automobile and engine repair shops, fabrication and manufacturing) and staged materials adjacent to the Site (used auto parts, 55-gallon drums, and scrap metal), the off-site Best Japan Auto Eng./Goodyear Transmission Plant facility represents an REC in connection with the Site."*

  - *"Republic Sheet Metal And Manufacturing, Former Southwestern Sheet Metal Mfg. Corp. - 5131 Cash Road. Based on distance (adjacent) to the Site, years of operation (approximately 59), known solvents used at the facility (spent solvents used in cleaning of parts), and documented industrial uses, the off-site Republic Sheet Metal And Manufacturing/Former Southwestern Sheet Metal Manufacturing facility represents an REC in connection with the Site."*

  - *"Former Stewart and Stevenson Services - 3919 Irving Blvd. Based on distance (adjacent) to the Site, years of operation (approximately 64), and known waste generated at the facility (solvents, petroleum products, metals), the off-site former Stewart and Stevenson Services facility represents an REC in connection with the Site."*

  - *"AT&T Communications - 5125 Cash Rd. Based on distance (adjacent) to the Site, absence of groundwater data associated with the past releases (LPST), and apparent pit/pond noted on the property (1972), the AT&T Communications facility is considered an REC in connection with the Site."*

  - *"Standard Waste Facility, Waste Management Dallas MRF - 5025 Cash Rd. Based on distance (adjacent) to the Site, years of operation (approximately 39), past wastes generated, and*

*absence of groundwater data associated with the past releases (LPST), the off-site Waste Management Dallas MRF/Standard Waste Facility represents an REC in connection with the Site."*

- *"Dext Company of Texas - 3915 Halifax St. Based on distance (40') to the Site, type of operations (commercial and industrial uses), years of operation (approximately 44) and absence of available facility files, the Dext Company of Texas facility represents an REC in connection with the Site."*

- *"Southeastern Freight Lines/Merchants Fast Motor Lines - 4211 Irving Blvd. Based on distance (approximately 200 feet) to the Site, topographic gradient (upgradient) relative to the Site, years of operation (approximately 54), documented waste generated at the facility (solvents, petroleum, heavy metals), and absence of groundwater data, the off-site Southeastern Freight Lines/Merchants Fast Motor Lines facility represents an REC in connection with the Site."*

**Phase II Site Investigation, Modern Geosciences LLC – January 12, 2021**

Modern conducted a Phase II Site Investigation (Phase II) on December 21 and 22, 2020 to identify impacts to soil and groundwater from potential releases associated with the environmental concerns identified in their January 6, 2021 Phase I ESA. The Phase II investigation included the advancement of thirteen shallow soil borings (B-1 to B-13) and eight deep soil borings completed as monitor wells (MW-1 to MW-8). Modern provided the following results of their investigation:

*Soil Results*

- *"Soil analytical results collected from the soil borings were compared to TRRP Tier 1 Residential Protective Concentration Levels (PCLs) for 0.5-acre source areas. The Critical PCL for each chemical of concern (COC) is the lower of either the applicable PCL (i.e., $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Ing}$, $^{Air}Soil_{Inh\text{-}v}$) or the Texas Specific Soil Background Concentrations published in 30 TAC 350.51(m). The final default assessment level for each COC is defined by TRRP as the Residential Assessment Level (RAL). The RALs presented for comparison in this report are based on default assumptions under TRRP for a Class 1 Groundwater Bearing Unit. Soil analytical results were also compared to the TCEQ Petroleum Storage Tank (PST) Program Action Levels, as applicable.*

  *Volatile Organic Compounds (VOCs): Twenty-one soil samples were collected and analyzed for VOCs. One or more soil samples collected from various soil borings exhibited concentrations of VOCs above laboratory sample detection limits (SDLs). Of the VOCs detected… only the vinyl chloride (0.0724 mg/Kg* [milligrams per kilogram]*) concentration reported in soil sample B-10 (0-1') exceeded the default TRRP RALs of 0.022 mg/Kg. The remaining detections of VOCs were below their respective TRRP RALs.*

  *Total Petroleum Hydrocarbons (TPH): Twenty-one soil samples were collected and analyzed for TPH. Soil samples collected from soil borings MW-1 through MW-6, MW-8, B-1, B-2, B-4, B-5, B-7 through B-9, B-11 and B-13 did not exhibit concentrations of TPH above laboratory SDLs. The soil samples collected from MW-7 and B-3 exhibited concentrations of TPH above laboratory SDLs, but below default TRRP RALs. The following soil samples exceeded default TRRP RALs for TPH:*

- *B-6 (1-2'): C6-C12 (399 mg/Kg), C12-C28 (261 mg/Kg)*
- *B-10 (0-1'): C12-C28 (820 mg/Kg), C28-C35 (429 mg/Kg)*
- *B-12 (8-9'): C12-C28 (780 mg/Kg)*
  [Note that the samples analyzed for soil borings B-10 and B-12 also exceeded TRRP RALs for TPH C6-C12]

*The samples collected for B-6 (1-2') and B-10 (0-1) were further evaluated by TCEQ Method TX 1006 to aid in the development of release-specific PCLs for the TPH releases identified in the vicinity B-02* [note – this appears to be a mistake in the Modern report and should be B-12] *in accordance with TCEQ Regulatory Guidance – Tiered Development of Human Health PCLs for TPH Mixtures (RG-366/TRRP-27). Using the TCEQ TRRP Calculator (v3.0-02/2020) and the TPH TX 1006 analytical results, Modern calculated a release-specific Tier 1 Residential Critical PCL of 11,400 mg/Kg for the TPH release identified in the vicinity of B-6 (1-2'). Modern calculated a release-specific Tier 1 Residential Critical PCL of 74,200 mg/Kg for the TPH release identified in the vicinity of B-10 (0-1'). The TPH concentrations identified in soil samples B-6 (1-2') and B-10 (0-1') do not exceed the lowest of the release-specific PCLs.*

*TCEQ Regulatory Guidance Document RG-411 - Investigating and Reporting Releases from Petroleum Storage Tanks states that the sample from each source area exhibiting the highest TPH concentration in the C12 or greater carbon range must be analyzed for PAHs, as well. Consequently, soil boring B-12 (8-9') was installed in the vicinity of a former on-site UST system and was analyzed for PAHs.*

*Polycyclic Aromatic Hydrocarbons (PAH): The soil sample collected from soil boring B-12 (8-9') exhibited concentrations of multiple PAHs above laboratory SDLs. The observed PAH concentrations are below their respective PST Action Levels.*

*Metals: Nineteen (19) soil samples were collected and analyzed for Metals. The soil samples collected from the site exhibited detections of arsenic (up to 12.3 mg/Kg), barium (up to 211 mg/Kg), chromium (up to 51.8 mg/Kg), lead (up to 23.8 mg/Kg), mercury (up to 0.0387 mg/Kg) and estimated (J-Flagged) concentrations of cadmium… and selenium… above laboratory SDLs. Silver was not detected above laboratory SDLs in any of the soil samples collected.*

*Of the metals reported above laboratory SDLs, arsenic and lead were reported above their respective default TRRP RALs.*

- *Arsenic: A total of 15 soil samples collected at the Site exceeded the default RAL for arsenic of 5.9 mg/Kg. While the observed arsenic concentrations appear slightly elevated, they are generally consistent with available United States Geological Survey (USGS) data outlined in the 2013 Geochemical and Mineralogical Data for the Soils of the Conterminous United States (Data Series No. 801), which suggest arsenic concentrations in excess of 10.8 mg/Kg to be background in the area of the Site. None of the soil samples collected exhibited concentrations of arsenic above the TRRP $^{Tot}Soil_{Comb}$ PCL of 24 mg/Kg.*

  *When evaluating applicability of TRRP, the TCEQ allows the use of Synthetic Precipitation Leaching Procedure (SPLP) to simulate the groundwater leaching capability of a given COC in*

*a specific soil matrix pursuant to 30 TAC § 350.75(i)(7)(C). The soil samples exhibiting the highest arsenic concentration reported at the Site were chosen for SPLP analysis. This included soil samples collected from soil borings MW-3 (0.5-1.5), B-2 (0.5-1.5), B-10 (0-1) and B-11 (1-2). The following SPLP arsenic results were reported.*

*MW-3 (0.5-1.5): 0.004 J mg/L*
*B-2 (0.5-1.5): 0.00401 mg/L*
*B-10 (0-1): 0.00341 J mg/L*
*B-11 (1-2): 0.00734 mg/L*

*The SPLP results are below the TRRP $^{GW}GW_{Ing}$ RAL (groundwater protection criteria) for arsenic.*

*Within each data set, Modern utilized the mean and standard deviation to calculate a coefficient of variance (CV) for the purposes of understanding if the data is normally distributed. The arsenic data set exhibited a CV of 0.32; indicating a normal data distribution (i.e., less than 1).*

*The data set was then further statistically evaluated to develop an Upper Confidence Limit (UCL), Upper Prediction Limit (UPL), and Upper Tolerance Limit (UTL). For this evaluation, these estimators were calculated using a one-tailed test of the 95% confidence interval from the mean. The UCL represents the most conservative demonstration while the UTL represents the most inclusive demonstration, but all are useful tools in understanding potential background concentrations and full data distribution. The TCEQ has historically accepted the 95% UTL as the upper limit of background provided the data set has a CV of less than 1. The resulting background estimations are below...*

*95% UCL = 8.95 mg/Kg*
*95% UPL = 12.31 mg/Kg*
***95% UTL = 14.24 mg/Kg (Suggested High End of Background)***

*The available data suggests data to be well distributed and consistent with background concentrations that would include those identified during this evaluation.*

*For discussion purposes, Modern calculated a site-specific Tier 2 $^{GW}GW_{Ing}$ PCL in accordance with 30 TAC §350.75(b)(1) and TCEQ's Tiered Development of Human Health PCLs (RG-366/TRRP-22; April 2013) to further evaluate the observed arsenic concentrations identified in soil at the Site. As described in TRRP-22, a Tier 2 evaluation allows site-specific information to be substituted for conservative Tier 1 assumptions and allows calculation of PCLs that more accurately reflect site conditions. Site-specific soil parameters, such as bulk density, soil type, pH (through laboratory analysis), volumetric water content, etc., were utilized for this evaluation. The calculated Tier 2 $^{GW}Soil_{Ing}$ PCL for arsenic was 24.87 mg/Kg. It is important to note that the next lowest PCL ($^{Tot}Soil_{Comb}$) may become the Critical PCL for arsenic (24 mg/Kg).*

*None of the on-site arsenic concentrations exceeded the site-specific Tier 2 $^{GW}Soil_{Ing}$ PCL of 24.87 mg/Kg and/or the Critical PCL for arsenic of 24 mg/Kg.*

- *Lead: A total of 9 soil samples collected at the Site exceeded the default RAL for lead of 15 mg/Kg. While the observed lead concentrations appear slightly elevated, they are generally consistent with 2013 USGS data which suggest concentrations up to 22.3 mg/Kg to be background in the area of the Site. None of the soil samples collected exhibited concentrations of lead above the TRRP $^{Tot}Soil_{Comb}$ PCL of 500 mg/Kg.*

  *The soil samples exhibiting the highest lead concentrations reported at the Site were chosen for SPLP analysis. This included soil samples collected from soil borings B-2 (0.5-1.5), B-10 (0-1) and B-11 (1-2). The following SPLP lead results were reported.*

  *B-2 (0.5-1.5): 0.00164 J mg/L*
  *B-10 (0-1): 0.00103 J mg/L*
  *B-11 (1-2): 0.00372 mg/L*

  *The SPLP results are below the TRRP $^{GW}GW_{Ing}$ RAL (groundwater protection criteria) for lead.*

  *Consistent with the process outlined for arsenic, a statistical evaluation was performed. The lead data set exhibited a CV of 0.38; indicating a normal data distribution (i.e., less than 1). The resulting background estimations are below...*

  *95% UCL = 16.92 mg/Kg*
  *95% UPL = 22.17 mg/Kg*
  ***95% UTL = 24.8 mg/Kg (Suggested High End of Background)***

  *The available data suggests data to be well distributed and consistent with background concentrations that would include those identified during this evaluation.*

  *Consistent with the effort for arsenic above, Modern calculated a site-specific Tier 2 $^{GW}GW_{Ing}$ PCL to further evaluate the observed lead concentrations identified in soil at the Site. The calculated Tier 2 $^{GW}Soil_{Ing}$ PCL for lead was 2,196 mg/Kg. It is important to note that the next lowest PCL ($^{Tot}Soil_{Comb}$) may become the Critical PCL for lead (500 mg/Kg). None of the on-site lead concentrations exceeded the Tier 2 $^{GW}Soil_{Ing}$ PCL of 2,196 mg/Kg and/or the Critical PCL for arsenic of 500 mg/Kg."*

<u>*Groundwater Results*</u>

- *"Groundwater analytical results were compared to the TRRP Tier 1 PCLs for 0.5-acre source areas. The Critical PCL for each COC is the lower of the applicable PCLs (i.e., $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}v}$). The final default assessment level for each COC is defined by TRRP as the RAL. The RALs presented for comparison in this report are based on default assumptions under TRRP for a Class 1 Groundwater Bearing Unit.*

- *VOCs: Eight (8) groundwater samples were collected and analyzed for VOCs. The groundwater samples collected from monitor wells MW-2 through MW-4 did not exhibit detections of VOCs above laboratory SDLs. The remaining groundwater samples exhibited concentrations of various VOCs above laboratory SDLs, but below their respective TRRP RALs.*

- *TPH: Eight (8) groundwater samples were collected and analyzed for TPH. The groundwater samples collected from monitor wells MW-2 through MW-8 did not exhibit TPH concentrations above laboratory SDLs. The groundwater sample collected from MW-1 exhibited and estimated (J-flagged) TPH concentration of 0.73 mg/L. The estimated TPH concentration of 0.73 mg/L is below its TRRP RAL of 0.98 mg/L."*

**Phase II Environmental Site Assessment – Limited Subsurface Investigation, Consolidated Consulting Group LLC – March 18, 2021 *(Report Issue erroneously dated – correct date is May 18, 2021)***

SEFL engaged Consolidated Consulting Group LLC (CCG) to review the prior environmental assessment reports for the Site prepared by Modern. Based on the review of the reports, CCG conducted an additional Phase II Environmental Site Assessment – Limited Subsurface Investigation (ESA-LSI) on May 3 and 6, 2021 to verify the results of the Modern Phase II and to conduct additional assessment of portions of the Site that were not included in the Modern investigation. CCG's Phase II ESA-LSI included the advancement of six additional soil borings completed as permanent groundwater monitor wells (MW-9 to MW-14). Monitor wells MW-9 through MW-14 were installed to 35-40 feet below ground surface (bgs). Three soil samples were collected from each of the monitor wells and submitted for laboratory analysis of Resource Conservation and Recovery Act 8 Metals (RCRA-8 Metals), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total petroleum hydrocarbons (TPH). CCG collected groundwater samples from the existing on-site monitor wells MW-1 through MW-8 installed by Modern and the new monitor wells MW-9 through MW-14 installed by CCG. The following is a summary of the results of the CCG Phase II ESA-LSI:

*RCRA 8 Metals*

- *All soil samples exhibited various RCRA-8 metals concentrations above the laboratory sample detection limits (SDLs). Per the Texas Risk Reduction Program (TRRP) guidance, the action level for RCRA-8 metals is the higher of either the most conservative TRRP Tier I Residential Protective Concentration Levels (PCLs) for a 0.5-acre source area (protective of groundwater or total combined) or Texas Specific Background Concentrations. No RCRA-8 metal constituents were reported at concentrations above applicable Action Levels in any of the soil samples submitted for laboratory analysis except for Arsenic and Lead.*

  *Arsenic concentrations exceeded the Texas Specific Background Concentration (5.9 milligrams per kilogram, mg/kg) in soil samples MW-11 (40'), MW-12 (2.5-5' and 31-32'), MW-13 (2.5-5' and 40'), MW-14 (0-2.5' and 34-35'). Arsenic concentrations which exceeded the applicable Action Level ranged from 6.11 mg/kg in MW-11 (40') to 11.7 mg/kg in MW-14 (0-2.5').*

  *Lead concentrations exceeded the Texas Specific Background Concentration (15 mg/kg) and the TRRP Tier I Residential PCL protective of groundwater (3 mg/kg) in soil sample MW-12 (0-2.5'), MW-13 (2.5-5') and MW-14 (0-2.5'). Lead concentrations which exceeded the applicable Action Level ranged from 15.1 mg/kg in MW-13 (2.5-5') to 22.0 mg/kg in MW-14 (0-2.5').*

*The TCEQ document Determining which release are Subject to TRRP (rev. November 19, 2010), allows for soil samples exceeding RCRA-8 metal constituents Action Levels to be analyzed using the SPLP extraction to asses a constituent's leachability into groundwater. Therefore, based on the exceedances of the TRRP Tier I Residential PCLs for Arsenic and Lead identified above, CCG requested that the laboratory conduct a SPLP extraction on the soil sample MW-14 (0-2.5') which exhibited the highest concentration of Arsenic and Lead.*

*The results of the SPLP analysis for Arsenic and Lead were reported at concentrations below laboratory sample detection limits (SDLs) and well below the TRRP Tier I Residential PCLs for groundwater ingestion. While the SPLP results provide evidence that the Arsenic and Lead in soil are not leachable at concentrations that would exceed the applicable groundwater PCLs and concurring groundwater analytical results from monitoring well MW-14 indicate there are no exceedances of the TRRP Tier I Residential PCL for groundwater ingestion, review of the data by the TCEQ is necessary to demonstrate that no further regulatory action is required.*

- *All groundwater samples exhibited various RCRA-8 metals concentrations above the laboratory SDLs. No RCRA-8 Metals constituents were reported at concentrations above applicable TRRP Tier I Residential PCLs.*

*Volatile Organic Compounds*

- *Soil analytical results exhibited various VOC constituents above the laboratory SDLs; however, none of the reported VOC detections were above applicable TRRP Tier I Residential PCLs.*

  *It should be noted that analytical results reported in the Modern Phase II Site Investigation Report identified a concentration of Vinyl Chloride at 0.0724 mg/Kg in a soil sample collected from their soil boring B-10 (0-1') which exceeds the TRRP Tier I Residential PCL of 0.022 mg/Kg. Boring B-10 was installed near the wash bay in the southwest portion of the subject property. CCG installed monitor well MW-14 proximate to the location of B-10. Soil analytical results for MW-14 did not report any VOCs (including Vinyl Chloride) above laboratory SDLs except for minor concentrations of 2-butanone (methyl ethyl ketone, MEK). Groundwater analysis of the sample collected from MW-14 did not report any VOCs (including Vinyl Chloride) at concentration above laboratory SDLs. Based on the additional assessment it appears that any Vinyl Chloride impacts to soil are limited horizontally and vertically.*

- *Groundwater analytical results exhibited minor detections of VOC constituents cis-1,2-Dichloroethene (cis-1,2-DCE) and Methyl Tert Butyl Ether (MTBE) in monitor well MW-2 and 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone, MIBK) and MTBE in monitor well MW-11. None of the of the reported VOC detections were above applicable TRRP Tier I Residential PCLs. All other VOC constituents were reported below laboratory SDLs.*

*Semi-Volatile Organic Compounds*

- *Soil analytical results for SVOCs were all reported below laboratory sample detection limits for all soil samples except for minor SVOC constituents detected in soil sample MW-14 (0-2.5'). None of the reported SVOC detections were reported above applicable TRRP Tier I Residential PCLs.*

- *Groundwater analytical results for SVOCs were all reported below laboratory SDLs except for estimated (J-flagged) concentrations of Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Benzo(a)pyrene, Chrysene, and Dibenz(a,h)anthracene in the groundwater sample collected from Modern's monitor well MW-1. None of the reported SVOC detections were above applicable TRRP Tier I Residential PCLs except for the estimated concentration (J-flagged) of 0.000201 milligrams per liter (mg/l) Benzo(a)pyrene, and the estimated concentration (J-flagged) of 0.000297 mg/l Dibenz(a,h)anthracene which slightly exceeds the most conservative PCL of 0.0002 mg/l for both.*

  *It appears the SVOC impacts are attributable to the former underground storage tank (UST) tankhold on the off-site, east adjacent property based on Monitor Well MW-1's location proximate to the tankhold.*

*Total Petroleum Hydrocarbons*

- *Soil analytical results for TPH were all reported below laboratory SDLs except for TPH C12-C28 at 243 mg/kg and C28-C35 at 133 mg/kg in the shallow soil sample collected from MW-14 (0-2.5'). None of the TPH concentrations detected were reported above applicable TRRP Tier I Residential PCL for protective of groundwater except for TPH C12-C28 at 243 mg/kg from the sample MW-14 (0-2.5') which exceeds the PCL of 200 mg/kg.*

  *Soil samples collected from deeper intervals from MW-14 were reported at below SDLs. To demonstrate that the concentration of TPH was not leachable to groundwater, CCG requested that the laboratory conduct a SPLP extraction for TPH on the soil sample MW-14 (0-2.5'). The results of the SPLP analysis for TPH was reported at concentrations below laboratory SDLs and well below the TRRP Tier I Residential PCL for groundwater ingestion. In addition, groundwater collected from monitor well MW-14 and analyzed for TPH was reported with no TPH concentrations above laboratory SDLs. The highest concentration detected in the soil sample collected from MW-14 is well below the TRRP Tier I Residential PCL for total soil combined (direct contact) of 2,300 mg/kg.*

- *Groundwater analytical results for TPH were all reported below laboratory SDLs.*

**Additional Sub-surface Investigation Report, Consolidated Consulting Group LLC – September 16, 2021**
Based on observations and a review of prior reports, CCG recommended conducting additional subsurface investigation to assess potential COC impacts proximate to service pits (identified as former concrete lined equipment trenches in the Modern Phase I ESA) located inside the Main Warehouse building. On August 3-4, 2021, twenty shallow soil borings to between 10 and 15 feet bgs (B-14 through B-33) and one deeper boring to 40 feet bgs, completed as a permanent monitor well MW-15, were installed. Two to three soil samples were collected from each of the soil borings and submitted for laboratory analysis of TPH, PAH, and\or polychlorinated bi-phenyls (PCBs). In addition, soil samples collected from borings B-15 and B-17 were analyzed for VOCs.

On August 10, 2021, CCG returned to the Site to collect a groundwater sample from monitor well MW-15. Groundwater was detected at 8.58 feet bgs. No dense non-aqueous phase liquid (DNAPL) or light non-aqueous phase liquid (LNAPL) was detected. The groundwater sample was collected in conformance with the United States Environmental Protection Agency's (EPA) *Ground-Water Sampling Guidelines for Superfund and RCRA*

*Project Managers*. The groundwater sample collected was submitted for laboratory analysis of VOCs, TPH, PAH, and PCBs.

The following is a summary of the results of the Additional Sub-surface Investigation:

Volatile Organic Compounds

- Soil analytical results for VOCs collected from soil boring B-15 and B-17 exhibited multiple VOC constituents above the laboratory SDLs with the samples analyzed for B-17 exceeding the Tier 1 Residential PCL protective of groundwater ($^{GW}Soil_{Ing}$) or the Residential Assessment Levels (RALs) for Vinyl Chloride at 0.0265 mg/Kg (0-2') and 0.0420 mg/Kg (6-8') and Tetrachloroethene at 0.0785 mg/Kg, and Trichloroethene at 0.0864 mg/Kg in the 6-8' interval. None of these concentrations exceed the Critical Protective Concentration Level (cPCL) identified throughout this APAR as the Tier 1 $^{Tot}SOIL_{Comb}$ PCL for Commercial/Industrial use after establishment of an institutional control attached to the property deed restricting the property use to Commercial/Industrial and implementation of a Municipal Setting Designation (MSD) covering the property.

- Groundwater analytical results for VOCs collected from monitor well MW-15 exhibited multiple VOC constituents above laboratory SDLs; however, none of the VOC detections were reported above applicable RALs.

Total Petroleum Hydrocarbons

- Soil analytical results for TPH using analytical method TX 1005 exhibited multiple TPH concentrations above laboratory SDLs, with soils collected from B-15, B-17, B-18, B-22, B-33, and MW-15 exceeding their applicable RALs; however, none exceeded the cPCLs.

  The samples collected from soil borings B-15 (8-10'), B-17 (6-8') and B-22 (0-2') were further evaluated by TCEQ Method TX 1006 to aid in the development of release-specific PCLs for the TPH detections in accordance with TCEQ Regulatory Guidance – Tiered Development of Human Health PCLs for TPH Mixtures (RG-366/TRRP-27). Using the TCEQ TRRP Tier I PCL Calculator (v 3.0 - 2/2020) and the TPH TX 1006 analytical results, CCG calculated a release specific Tier I Residential and Commercial PCLs for both $^{GW}SOIL_{Ing}$ and $^{Tot}SOIL_{Comb}$ exposure pathways for the TPH concentrations identified in the vicinity of soil borings B-15, B-17, and B-22. The total TPH concentrations detected in soil samples B-15, B-17 and B-22 do not exceed the lowest of the release-specific PCLs.

- Groundwater analytical results for TPH collected from monitor well MW-15 were all reported below laboratory SDLs.

Polycyclic Aromatic Hydrocarbons

- Soil analytical results for Polycyclic Aromatic Hydrocarbons (PAH) exhibited multiple constituents above laboratory SDLs; however, none of the PAH detections were reported above applicable RALs.

- Groundwater analytical results for PAHs collected from monitor well MW-15 were all reported below laboratory SDLs.

Polychlorinated Biphenyls

- Soil analytical results for Polychlorinated Biphenyls (PCBs) exhibited multiple constituents above laboratory SDLs; however, none of the PCB detections were reported above applicable RALs.

- Groundwater analytical results for PCBs collected from monitor well MW-15 were all reported below laboratory SDLs.

Additionally, during CCG's subsurface investigation activities, CCG observed nineteen (19) 55-gallon drums containing soil and one (1) 55-gallon drum containing groundwater identified as investigation derived waste (IDW) produced during Modern's Phase II activities staged outside the southeast corner of the Main Warehouse building pending disposal. On December 1, 2021, CCG contracted for transportation and proper disposal of these drums along with the IDW drums produced during CCG's investigations (25 soil and 5 water drums). The IDW disposal manifests are attached.

**Voluntary Cleanup Program – September 17, 2021**
Based on the exceedances of COCs in soils identified during the Modern Phase II, the CCG Phase II ESA-LSI, and CCG's Additional Sub-surface Investigation, CCG submitted a VCP application on behalf of Southeastern Freight lines, LLC (Applicant) on September 17, 2021. The VCP Application Package included copies of each of the environmental assessment reports discussed above.

**Additional Subsurface Investigation, by CCG – February 2022**
Based on comments provided by the TCEQ in their December 29, 2021 letter, a conference call with the TCEQ project manager on January 5, 2022, the WMU information obtained from Trinity, a review of the prior environmental assessment reports, and a thorough Site reconnaissance visit conducted by CCG on January 13, 2022, CCG developed a scope of work to address other potential source areas of concern that had not been previously assessed and conducted additional subsurface investigation of these areas between January 31 and February 8, 2022. The investigation included installation of 8 shallow soil borings to 5 feet bgs using hand auger equipment (B-34 through B-40 and B-57), 26 soil borings to 10 feet bgs (B-41 through B-51, B-53 through B-56, B-61 through B-70, and B-72, one soil boring to 20 feet bgs (B-52), one soil boring to 12 feet bgs (B-71) using direct push drilling equipment, and four soil borings completed as permanent monitor wells (MW-16 through MW-19) to between 35 and 40 feet bgs using hollow-stem auger drilling equipment. The following is a summary of the potential source areas of concern identified and the assessment results in those areas:

1. **Main Warehouse Building – Interior**

- **WMU-001** – located in the northwest corner of the building. CCG observed 26, 55-gallon drums, previously containing petroleum products and waste fluids apparently left by Trinity Industries. The drums were characterized for waste disposal and removed and transported to Turkey Creek Landfill for proper disposal by TAS Environmental Services, LP on March 21, 2022. Please see Appendix 12 for Table of Waste Disposal Activities and copies of the disposal manifests for the drums.

  CCG observed staining on the concrete surface in the area of the drum storage. To assess the area, CCG installed shallow soil borings B-41, B-42, and B-43 to 10 feet bgs within the WMU-001 area and soil boring MW-19 outside the west building wall in a relative downgradient orientation to WMU-001.

Two soil samples were collected from each of the soil borings and submitted for laboratory analysis of VOCs, PAH, and TPH.

Analytical results for soil samples collected from soil borings B-43 and MW-19 were all below laboratory SDLs for VOCs. Analytical results for soil samples collected from soil borings B-41 and B-42 exhibited VOC concentrations above laboratory SDLs with Vinyl Chloride exceeding RALs in B-41 (7.5-10') and in B-42 (7.5-10') and cis-1,2-Dichloroethene (cis-1,2-DCE) exceeding RALs in B-42 (7.5-10'); however, none exceeded the cPCLs.

Analytical results for soil samples collected from soil borings B-41, B-42, and B-43 and MW-19 were all below laboratory SDLs for PAH.

Analytical results for soil samples collected from soil borings B-42, B-43, and MW-19 were all below laboratory SDLs for TPH. Analytical results for soil samples collected from soil boring B-41 exhibited TPH concentrations above laboratory SDLs with TPH C12-C28 and C28-C35 exceeding RALs in B-41 (7.5-10'); however, none exceeded the cPCLs.

Analytical results for the groundwater sample collected from monitor well MW-19 were below laboratory SDLs for TPH and SVOCs and all VOCs except for Methyl-tert Butyl Ether (MTBE) which was reported at a concentration below RALs.

- **Chemical Storage Area** - east side of the building. CCG observed surface staining and floor drains in this area. To assess the area, CCG installed shallow soil borings B-39 and B-40 to 5 feet bgs. One soil sample was collected from each of the soil borings and submitted for laboratory analysis of VOCs, PAH, and TPH.

  Analytical results for soil samples collected from soil borings B-39 and B-40 exhibited VOC and PAH concentrations above laboratory SDLs but below RALs.

  Analytical results for soil samples collected from soil borings B-39 and B-40 were all below laboratory SDLs for TPH.

- **Welding Area** - east side of the building. CCG observed surface staining and floor drains in this area. Soil in this area was assessed for VOCs and TPH during Modern's Phase II by soil boring B-4 (6-7'). All VOC and TPH constituents were reported below laboratory SDLs.

- **Liquid Oil Cutting Area** - east side of the building. CCG observed surface staining and floor drains in this area. To assess the area, CCG installed shallow soil borings B-37 and B-38 to 5 feet bgs. One soil sample was collected from each of the soil borings and submitted for laboratory analysis of Metals, VOCs, PAH, TPH, and PCBs.

  Analytical results for soil samples collected from soil borings B-37 and B-38 exhibited Arsenic and Lead concentrations above RALs; however, none exceeded the cPCLs.

  Analytical results for soil samples collected from soil borings B-37 and B-38 exhibited VOC concentrations above laboratory SDLs but below RALs.

Analytical results for soil samples collected from soil borings B-37 and B-38 were all below laboratory SDLs for PAH, TPH, and PCBs.

- **Concrete Lined Equipment Trenches** - east side of the building. CCG observed surface staining in the area. The area around the equipment trenches was previously assessed by Modern in their January 12, 2021 Phase II Report (soil boring B-3) and by CCG in the September 16, 2021 Additional Subsurface Investigation Report (soil borings B-14 through B-33 and monitor well MW-15). See more detailed discussions of these assessments and their results above.

  In addition, CCG observed accumulated water in the trenches. It is CCG's opinion, that due to the concrete lining, shallow depth of the trenches, and exposure to rain events (surface infiltration, leaking roof, and open doors/windows) the water is likely due to storm water accumulation. The accumulated water was sampled for disposal profile purposes and on March 21 and 23, 2022, CCG provided oversite of TAS Environmental Services L.P. as they conducted vacuum truck and disposal services to remove the water from the trenches. Please see Appendix 12 for Table of Waste Disposal Activities and copies of the disposal manifests for the accumulated water disposal.

2. **Main Warehouse Building – Exterior**

- **Former Metals Storage Area –** outside the northeast corner of the building. This area was previously identified and assessed for Metals, VOCs, and TPH in soil by Modern Geosciences in their January 12, 2021 Phase II Report (soil boring MW-2, 1-2'). Based on the review of Modern's Phase II Report, CCG believes this area was sufficiently assessed for soil and groundwater by Modern's MW-2.

  Analytical results for the soil sample collected from soil boring MW-2 (1-2') exhibited metals constituent concentrations above SDL but below RALs.

  Analytical results for the soil sample collected from soil boring MW-2 (1-2') exhibited several VOC constituent concentrations above SDL but below RALs.

  Analytical results for the soil sample collected from soil boring MW-2 (1-2') were below laboratory SDLs for TPH.

  In addition, Modern collected a groundwater sample from MW-2 which was analyzed for VOCs and TPH with all concentrations reported below laboratory SDLs.

  CCG collected a groundwater sample from MW-2 which was analyzed for Metals, VOCs, TPH, and SVOCs.

  - Analytical results for the groundwater sample collected from soil boring MW-2 by CCG exhibited metals constituent concentrations above SDL but below RALs.

  - Analytical results for the groundwater sample collected from soil boring MW-2 by CCG exhibited VOC constituent concentrations above SDL but below RALs.

  - Analytical results for the groundwater sample collected from soil boring MW-2 by CCG were below laboratory SDLs for TPH.

- Analytical results for the groundwater sample collected from soil boring MW-2 by CCG were below laboratory SDLs for SVOCs.

- **Carriage Turntable and Storm Water Drain Lines** - east of the building. CCG observed surface staining around the turntable. The storm water drain lines appear to discharge to the concrete drainage swale along the Site's eastern boundary. To assess the area, CCG installed shallow soil borings B-64 and B-65 to 10 feet bgs. Two soil samples were collected from each of the soil borings and submitted for laboratory analysis of PAH and TPH.

  Analytical results for soil samples collected from soil borings B-64 and B-65 exhibited PAH constituent concentrations above laboratory SDLs but below RALs.

  Analytical results for soil samples collected from soil borings B-64 and B-65 were all below laboratory SDLs for TPH.

- **Electric Transformers** - east of the building. CCG did not observe any staining associated with the transformer station, however, based on the assumed age of the transformers, CCG assessed the soils in the area by installing shallow soil borings B-34, B-35, and B-36 to 5 feet bgs. One soil sample was collected from each of the soil borings and submitted for laboratory analysis of PCBs.

  Analytical results for soil samples collected from soil borings B-34 and B-35 were all below laboratory SDLs for PCBs. Soil boring B-36 exhibited a minor PCB concentration above laboratory SDLs but below RALs.

- **Area of Staining** - outside the southeast portion of the building. CCG observed rust like surface staining in this area. To assess the area, CCG installed shallow soil borings B-66 and B-67 to 10 feet bgs. Two soil samples were collected from each of the soil borings and submitted for laboratory analysis of Metals, VOCs, PAH, and TPH.

  Analytical results for soil samples collected from soil borings B-66 (7.5-10') and B-67 (2.5-5' and 7.5-10') exhibited Metals constituent concentrations above laboratory SDLs but below RALs. The soil sample collected from soil boring B-66 (2.5-5') exhibited Arsenic and Lead concentrations above RALs; however, none exceeded the cPCLs.

  Analytical results for soil samples collected from soil borings B-66 (7.5-10') and B-67 (7.5-10') were all below laboratory SDLs for VOCs. Analytical results for soil samples collected from soil borings B-66 (2.5-5') and B-67 (2.5-5') exhibited VOC concentrations above laboratory SDLs but below RALs.

  Analytical results for the soil sample collected from soil boring B-67 (2.5-5') was below laboratory SDLs for PAH. Analytical results for soil samples collected from soil borings B-66 (2.5-5' and 7.5-10') and B-67 (7.5-10') exhibited PAH concentrations above laboratory SDLs but below RALs.

  Analytical results for the soil samples collected from soil boring B-67 (2.5-5' and 7.5-10') were below laboratory SDLs for TPH. Analytical results for soil samples collected from soil boring B-66 (2.5-5' and 7.5-10') exhibited TPH concentrations above laboratory SDLs for TPH C12-C28 and C28-C35 but below RALs.

- **Former Hydraulic Oil and Absorbent Drums** – formerly located outside the southeast corner of the building. CCG observed staining in the area of the former drums. To assess the area, CCG installed shallow soil boring B-68 to 10 feet bgs. Two soil samples were collected from the soil boring and submitted for laboratory analysis of PAH and TPH.

  Analytical results for the soil sample collected from soil boring B-68 (2.5-5') exhibited PAH constituent concentrations above laboratory SDLs but below RALs. Analytical results for the soil sample collected from soil boring B-68 (7.5-10') were below laboratory SDLs for PAH.

  Analytical results for soil samples collected from soil boring B-68 (2.5-5' and 7.5-10') exhibited TPH concentrations above RALs for TPH C12-C28 and C28-C35; however, none exceeded the cPCLs.

- **In-ground Sump** - located outside the south end of the building. CCG observed the sump to be filled with soil/mud. To assess the area, CCG installed shallow soil boring B-69 to 10 feet bgs. Two soil samples were collected from the soil boring and submitted for laboratory analysis of VOCs and TPH.

  Analytical results for the soil sample collected from soil boring B-69 (2.5-5') exhibited VOC constituent concentrations above laboratory SDLs but below RALs. Analytical results for the soil sample collected from soil boring B-69 (7.5-10') was below laboratory SDLs for VOCs.

  Analytical results for soil samples collected from soil boring B-69 (2.5-5' and 7.5-10') were all below laboratory SDLs for TPH.

- **Sump / Floor Drain Holding Tank** – located west of the building. The area of this feature was previously assessed for VOCs and TPH in soil by Modern Geosciences in their January 12, 2021 Phase II Report (soil boring B-5, 9-10') with VOC constituents identified at concentrations above laboratory SDLs but below RALs and TPH constituents reported below SDLs.

  Modern Geosciences identified this feature as a "sump" in their reports. During site reconnaissance activities conducted by CCG in preparation for the disposal of remaining waste materials from the Site, the sump was gauged to be approximately 2' wide by 8' deep and appeared to contain waste oil. During the waste disposal activities, 3,875-gallons of fluid were removed from the feature via vacuum truck by TAS Environmental. Because of the high volume of fluids removed from the feature, it was suspected the sump may have been an unregistered waste oil tank.

  Based on the planned re-use of the site, it was decided to permanently remove the "tank" feature from the ground. After discussions with the TCEQ, CCG submitted a Self-Implementation Notice on May 2, 2022 and a PST Preconstruction Notice for the removal. The tank removal activities were conducted on May 18 to 20, 2022 in conformance with 30 Texas Administrative Code (TAC) § 334 and the Texas Commission on Environmental Quality (TCEQ) Regulatory Guidance 411 (TCEQ RG-411). CCG provided oversight of W. Two Plus (W2), the tank removal contractor.

  Based on observations of the tank during excavation and removal, it was apparent that its use was as a holding tank, connected to the Main Warehouse Building's extensive floor drainage system. Because the tank was connected to the buildings floor drain system, it had recharged with liquid from the service trenches throughout the building. During the tank cleaning activities in preparation for removal, it was discovered the tank contained approximately 12" of sludge in the bottom of the tank.

The sludge was sampled for a disposal profile for Toxicity Characteristic Leaching Procedure, Reactivity, Corrosivity and Ignitability (TCLP – RCI) and was found to contain hazardous levels of reactive sulfide. Therefore, the sludge was treated with high concentration bleach, resampled, and based on the subsequent TCLP – RCI results, disposed as non-hazardous waste at the Turkey Creek landfill in Alvarado, Texas. Please see Appendix 12 for Table of Waste Disposal Activities and copies of the disposal manifest for the fluids and sludge removed from the tank.

Following the removal, the condition of the tank was assessed and reported to be in good condition with no visible signs of damage. The tank was properly marked, loaded, and transported for disposal/destruction. Copies of the tank destruction documents are attached.

Immediately after the tank was removed, confirmation samples were collected for laboratory analysis. The following is a summary of the sampling activities and laboratory analytical results:

A total of four (4) soil samples (TP-N, TP-E, TP-S, and TP-W) were collected from the sidewalls of the excavated tank hold; three (3) soil samples (TP-B1, TP-B2, and TP-B3) were collected from bottom of the excavated tank hold; and two (2) soil samples SP-1 and SP-2) were collected from the excavated stockpile fill material. Groundwater was not encountered in the tank hold during excavation activities; therefore, a tank hold water sample was not collected.

All soil samples were collected as grab samples. Using the bucket of the excavator and/or hand tools, soil samples were collected approximately 1 foot into native soil at each sample location using EPA sampling Method 5035. Soil stockpile samples were collected as 5-point composite samples. Samples collected for laboratory analysis were placed in clean laboratory-supplied containers and immediately stored on ice to preserve sample integrity.

All soil samples collected were analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH) and RCRA-8 Metals. Additionally, soil sample TP-B2 and stockpile sample SP-2 were analyzed for polycyclic aromatic hydrocarbons (PAH).

Metals concentrations were reported above laboratory sample detection limits (SDLs) for various metals in each of the soil samples analyzed. Analytical results for soil samples collected from samples TP-B1, TP-B2, and SP-1 exhibited Lead concentrations above RALs; however, none exceeded the cPCLs.

VOC concentrations were reported above laboratory sample detection limits (SDLs) for petroleum hydrocarbons in each of the soil samples submitted for laboratory analysis. The detected VOC concentrations reported were all below the applicable RALs.

Analytical results for the soil samples TP-N, TP-E, TP-S, TP-W, SP-1, TP-B1, and TP-B3 were below laboratory SDLs for TPH. Analytical results for soil samples SP-2 and TP-B2 exhibited TPH concentrations above laboratory SDLs for TPH $C_{12}$-$C_{28}$ and $C_{28}$-$C_{35}$ but below RALs.

Due to the TPH concentrations detected in the $C_{12}$-$C_{28}$ range in soil sample SP-1, and in the $C_{12}$-$C_{28}$ and $C_{28}$-$C_{35}$ range in the soil sample TP-B2, PAH analysis was performed on these samples. Laboratory results identified no PAH concentrations above laboratory SDLs in soil sample SP-1. Laboratory results

for TP-B2 identified no PAH concentrations above laboratory SDLs except for Fluoranthene, Phenanthrene, and Pyrene which were reported at concentrations below RALs.

Following removal activities, the excavated fill material was returned to the tank hold.

3. **Southeastern Truck Maintenance Facility**

- **WMU-002 and WMU-003** – Based on the information provided by Trinity Industries, it appears that these WMUs were located inside the building. CCG observed surface staining, floor drains, a wash bay, a service bay with a sub-grade service pit which was full of water, and evidence of former drum storage and ASTs associated with vehicle repair and maintenance activities. CCG observed an above-ground oil/water separator which was connected to an air compressor located in a covered shed attached to the outside east wall of the facility building (no staining noted). To assess the heavily stained areas of concern inside the building, CCG installed shallow soil borings B-49 and B-50 to 10 feet bgs. Two soil samples were collected from each of the soil borings and submitted for laboratory analysis of VOCs, PAH, and TPH.

  Analytical results for the soil sample collected from soil boring B-49 (7.5-10') were all below laboratory SDLs for VOCs. Analytical results for soil samples collected from soil borings B-49 (2.5-5') and B-50 (2.5-5' and 7.5-10') exhibited VOC constituent concentrations above laboratory SDLs but below RALs.

  Analytical results for soil samples collected from soil boring B-49 (2.5-5') and B-50 (7.5-10') were all below laboratory SDLs for PAHs. Analytical results for soil samples collected from soil borings B-49 (7.5-10') and B-50 (2.5-5') exhibited PAH constituent concentrations above laboratory SDLs but below RALs.

  Analytical results for soil samples collected from soil borings B-49 and B-50 were all below laboratory SDLs for TPH.

  In addition, the interior of the facility building was previously assessed for Metals, VOCs, and TPH in shallow soil (soil borings B-6 and B-7) by Modern in their January 12, 2021 Phase II Report.

  Analytical results for soil samples collected from soil borings B-6 (1-2') and B-7 (1-2' and 3-4') exhibited Arsenic concentrations above RALs; however, none exceeded the cPCLs. The soil sample collected from soil boring B-7 (1-2') also exhibited Lead concentrations above RALs; however, not above the cPCL. No other metals constituents were detected above RALs in the soil samples from B-6 or B-7.

  Analytical results for soil samples collected from soil borings B-6 (1-2') and B-7 (1-2') exhibited VOC constituent concentrations above laboratory SDLs but below RALs. B-7 (3-4') was not analyzed for VOCs.

  Analytical results for the soil sample collected from soil boring B-6 (1-2') exhibited TPH concentrations above laboratory SDLs, exceeding RALs for TPH $C_6$-$C_{12}$ and $C_{12}$-$C_{28}$; however, none exceeded the cPCLs. Analytical results were below laboratory SDLs for TPH in B-7.

  On March 21 and 23, 2022, CCG provided oversite of TAS Environmental Services L.P. as they conducted vacuum truck and disposal services to remove the water from the sub-grade service pit. The water observed in the service pit was also assumed to be a result of stormwater intrusion into

the building. Please see Appendix 12 for Table of Waste Disposal Activities and copies of the waste manifest for the water disposal.

- **Former ASTs (gasoline and waste oil) and Former Drum Storage Area** - located outside the north wall of the building. The ASTs were removed from the site by W2 on December 1, 2021 under the supervision of CCG. CCG did not observe any significant staining in the area on the north side of the building. To assess the area of former fuel, waste oil, and drum storage, CCG installed soil borings B-51, B-52, B-71, and B-72 to between 10 and 20 feet bgs. Two soil samples were collected from soil borings B-51, B-71, and B-72 and three soil samples were collected from soil boring B-52. The soil samples collected from borings B-51 and B-52 were submitted for laboratory analysis of VOCs, PAH, and TPH and the soil samples collected from B-71 and B-72 were submitted for laboratory analysis of VOCs and TPH. Due to elevated field instrument readings encountered in soil boring B-52, it was advanced to 20 feet bgs and a temporary monitor well (TMW-52) was installed. A groundwater sample was collected from TMW-52 and submitted for laboratory analysis of VOCs and TPH.

  Analytical results for soil samples collected from soil boring B-52 (7.5-10'), B-71 (10-12'), and B-72 (2.5-5') were all below laboratory SDLs for VOCs. Analytical results for soil samples collected from soil borings B-51 (0-2.5', B-52 (5-7.5' and 17.5-20'), and B-72 (7.5-10') exhibited VOC constituent concentrations above laboratory SDLs but below RALs. Analytical results for the soil sample collected from soil boring B-71 (2.5-5') exhibited VOC constituent concentrations above laboratory SDLs but below RALs except for benzene and 1,1,2-Trichloroethane which exceeded the RAL; however, below the cPCL.

  Analytical results for soil samples collected from soil boring B-51 (0-2.5' and 7.5-10') and B-52 (5-7.5' and 7.5-10') exhibited PAH constituent concentrations above laboratory SDLs but below RALs. The sample collected from B-52 (17.5-20') was not analyzed for PAH.

  Analytical results for soil samples collected from soil boring B-51 (7.5-10'), B-52 (5-7.5', 7.5-10', and 17.5-20'), B-71 (2.5-5' and 10-12'), and B-72 (2.5-5' and 7.5-10') were below laboratory SDLs for TPH. Analytical results for the soil sample collected from soil boring B-51 (0-2.5') exhibited TPH concentrations above laboratory SDLs for TPH $C_{12}$-$C_{28}$ and $C_{28}$-$C_{35}$ but below RALs.

  Analytical results for the groundwater sample collected from temporary monitor well TMW-52 exhibited VOC constituent concentrations above laboratory SDLs but below RALs.

  Analytical results for the groundwater sample collected from temporary monitor well TMW-52 exhibited TPH concentrations above laboratory SDLs, exceeding RALs for $C_{12}$-$C_{28}$ and $C_{28}$-$C_{35}$.

**4. Former UST (8,000-gallon gasoline)**

- Based on information in the Modern Phase I ESA, an 8,000-gallon gasoline UST was formerly located near the stand-alone loading dock area to the west of the truck maintenance facility. Available PST and LPST files reviewed by Modern were limited and Modern plotted the location of the former tank on the east side of the loading dock. Modern conducted Phase II assessment of that location by installing soil boring B-8. Modern collected a soil sample from B-8 at 8-9' bgs which was submitted for laboratory analysis of VOCs and TPH.

Analytical results for the B-8 soil sample exhibited VOC constituent concentrations above laboratory SDLs but below RALs.

Analytical results for the B-8 soil sample were all below laboratory SDLs for TPH.

CCG conducted additional subsurface assessment in this area in May 2021. CCG advanced a soil boring to 40 feet bgs which was completed as permanent monitor well MW-13. Three soil samples were collected from soil boring MW-13 and submitted for laboratory analysis of Metals, VOCs, SVOCs, and TPH. A groundwater sample was collected from monitor well MW-13 and submitted for laboratory analysis of Metals, VOCs, SVOCs, and TPH.
Analytical results for soil samples collected from soil boring MW-13 (2.5-5' and 40') exhibited Arsenic concentrations above RALs; however, none exceeded the cPCLs. The soil sample collected from soil boring MW-13 (2.5-5') also exhibited Lead concentrations above RALs; however, below the cPCL. No other metals constituents were detected above RALs in the soil samples collected from MW-13.

Analytical results for the soil sample collected from soil boring MW-13 (2.5-5') were all below laboratory SDLs for VOCs. Analytical results for the soil samples collected from soil boring MW-13 (32-33' and 40') exhibited VOC constituent concentrations above laboratory SDLs but below RALs.

Analytical results for the soil samples collected from soil boring MW-13 (2.5-5', 32-33', and 40') were all below laboratory SDLs for SVOCs.

Analytical results for the soil samples collected from soil boring MW-13 (2.5-5', 32-33', and 40') were all below laboratory SDLs for TPH.

Analytical results for the groundwater sample collected from monitor well MW-13 exhibited Metals concentrations above laboratory SDLs but below RALs.

Analytical results for the groundwater sample collected from monitor well MW-13 were all below laboratory SDLs for VOCs.

Analytical results for the groundwater sample collected from monitor well MW-13 were all below laboratory SDLs for SVOCs.

Analytical results for the groundwater sample collected from monitor well MW-13 were all below laboratory SDLs for TPH.

- Based on a review of historical aerial photographs, it is CCG's opinion that the 8,000-gallon gasoline UST formerly located near the stand-alone loading dock area to the west of the truck maintenance facility may have actually been located on the west side of the loading dock. Based on this analysis, in February 2022, CCG advanced soil boring B-70 to 10 feet bgs proximate to the center of the estimated location of the former tankhold and advanced a soil boring to 35' bgs to the south, downgradient, of the estimated location of the former tankhold which was completed as permanent monitor well MW-18. Two soil samples were collected from soil boring B-70 and three soil samples were collected from soil boring MW-18 and submitted for laboratory analysis of VOCs and TPH. A groundwater sample was collected from monitor well MW-18 and submitted for laboratory analysis of VOCs, SVOCs, and TPH.

Analytical results for soil samples collected from soil boring B-70 exhibited multiple VOCs at concentrations above laboratory SDLs but well below RALs. Analytical results for the soil samples collected from soil boring MW-18 were all below laboratory SDLs for VOCs except for Methyl Tert-Butyl Ether (MTBE) at a concentration well below RALs.
Analytical results for soil samples collected from soil boring B-70 (7.5-10') and MW-18 were below laboratory SDLs for TPH. Analytical results for the soil sample collected from soil boring B-70 (0-2.5') exhibited TPH concentrations above laboratory SDLs with TPH $C_6$-$C_{12}$ and $C_{12}$-$C_{28}$ exceeding RALs; however, none exceeded the cPCLs.

Analytical results for the groundwater sample collected from monitor well MW-18 were all below laboratory SDLs for VOCs except for cis-1,2-DCE and MTBE at concentrations well below RALs.

Analytical results for the groundwater sample collected from monitor well MW-18 were all below laboratory SDLs for SVOCs.

Analytical results for the groundwater sample collected from monitor well MW-18 were all below laboratory SDLs for TPH.

5. **Metals Laboratory**

- In their January 6, 2021 Phase I ESA Report, Modern identified "*Significant staining… observed in the vicinity of the ASTs in the metal laboratory…*" Modern did not conduct any subsurface assessment in or around the Metals Laboratory building. During the Site reconnaissance visit conducted by CCG on January 13, 2022 no ASTs were observed inside the Metals Laboratory building; however, CCG did observe etching in the concrete flooring of the building which is presumed to be the "staining" observed by Modern. CCG noted that the concrete flooring was competent with no floor drains or significant breaches or cracks that would act as pathways for chemical of concerns inside the building to reach the soils beneath or around the Metals Laboratory building. Based on CCG's observations, no subsurface assessment was conducted in the area of the concrete etching.

- **Metals Laboratory Sump** – located inside the southeast corner of the Office/Metals Laboratory building. To assess the area, CCG installed shallow soil boring B-53 to 10 feet bgs outside of the building wall adjacent to the sump area. Two soil samples were collected from the soil boring and submitted for laboratory analysis of Metals, VOCs, and TPH.

  Analytical results for the soil sample collected from soil boring B-53 (7.5-10') exhibited a Lead concentration above RALs; however, below the cPCLs. No other metals constituents were detected above RALs in the soil samples collected from B-53.

  Analytical results for soil samples collected from soil boring B-53 (5-7.5' and 7.5-10') were all below laboratory SDLs for VOCs.

  Analytical results for soil samples collected from soil boring B-53 (5-7.5' and 7.5-10') were all below laboratory SDLs for TPH.

**6. WMU-004**

- **WMU-004** – Based on the information provided by Trinity Industries, the WMU was an outdoor storage area used for facility trash and scrap metal roll-off containers located on the northwest corner of the Site. CCG did not observe any staining or evidence of landfilling in this area. It is CCG's opinion that the WMU-004 area was sufficiently assessed for soil and groundwater impacts of chemicals of concern by monitor wells MW-7 and MW-8 installed and sampled during Modern's December 2020 Phase II activities and MW-9, and MW-10 installed and sampled during CCG's May 2021 Phase II ESA-LSI activities.

  Analytical results for soil samples collected from soil borings MW-7 (0-1'), MW-8 (0-1'), MW-9 (2.5-5', 30-31', and 35') and MW-10 (2.5-5', 32-33', and 40') exhibited no metals constituents above RALs.

  Analytical results for soil samples collected from soil borings MW-7 (0-1'), MW-9 (2.5-5', 30-31', and 35') and MW-10 (2.5-5', 32-33', and 40') exhibited no VOC constituents above RALs. No soil sample was submitted for analysis of VOCs from MW-8.

  Analytical results for soil samples collected from soil borings MW-9 (2.5-5', 30-31', and 35') and MW-10 (2.5-5', 32-33', and 40') exhibited no SVOC constituents above laboratory SDLs. No soil samples were submitted for analysis of SVOCs from MW-7 or MW-8.

  Analytical results for soil samples collected from soil boring MW-7 (0-1') exhibited no TPH constituents above RALs and MW-9 (2.5-5', 30-31', and 35') and MW-10 (2.5-5', 32-33', and 40') exhibited no TPH constituents above laboratory SDLs. No soil sample was submitted for analysis of TPH from MW-8.

  Analytical results for the groundwater samples collected from monitor wells MW-7, MW-8, MW-9, and MW-10 exhibited no metals constituents above RALs.

  Analytical results for the groundwater samples collected from monitor wells MW-7, MW-8, MW-9, and MW-10 exhibited no VOC constituents above laboratory SDLs.

  Analytical results for the groundwater samples collected from monitor wells MW-7, MW-8, MW-9, and MW-10 exhibited no SVOC constituents above laboratory SDLs.

  Analytical results for the groundwater samples collected from monitor wells MW-7, MW-8, MW-9, and MW-10 exhibited no TPH constituents above laboratory SDLs.

**7. Custom Parts Machine Shop**

- Surface staining and sub-grade equipment mounts - CCG observed surface staining primarily in the northern portion of the Machine Shop building. To assess the areas of staining, CCG installed shallow soil borings B-44 through B-48 to 10 feet bgs. Two soil samples were collected from each of the soil borings and submitted for laboratory analysis of Metals, VOCs, PAH, and TPH.

  Analytical results for soil samples collected from soil boring B-44 (2.5-5'), B-45 (2.5-5' and 7.5-10') exhibited Arsenic concentrations above RALs; however, none exceeded the cPCLs. The soil samples collected from soil borings B-45 (2.5-5'), B-46 (5-7.5') and B-47 (7.5-10') also exhibited Lead concentrations above RALs; however, none exceeded the cPCLs. No other metals constituents were detected above RALs in the soil samples collected from soil borings B-44 through B-48.

Analytical results for soil samples collected from soil borings B-44 (2.5-5' and 7.5-10') and B-45 (2.5-5' and 7.5-10') exhibited VOC constituent concentrations above laboratory SDLs but below RALs. No other VOCs were detected above laboratory SDLs in the soil samples collected from soil borings B-46, B-47, or B-48.

Analytical results for soil samples collected from soil borings B-44 (2.5-5') and B-45 (2.5-5') exhibited PAH constituent concentrations above laboratory SDLs but below RALs. No other PAH constituents were detected above laboratory SDLs in the soil samples collected from soil borings B-44 (7.5-10'), B-45 (7.5-10'), B-46, B-47, or B-48.

Analytical results for soil samples collected from soil borings B-46, B-47, and B-48 were all below laboratory SDLs for TPH. Analytical results for the soil sample collected from soil boring B-44 (2.5-5') exhibited TPH concentrations above laboratory SDLs with TPH $C_6$-$C_{12}$ and $C_{12}$-$C_{28}$ exceeding RALs; however, below the cPCLs. Analytical results for the soil samples collected from soil boring B-44 (7.5-10') and B-45 (2.5-5') exhibited TPH concentrations above laboratory SDLs with TPH $C_{12}$-$C_{28}$ and $C_{28}$-$C_{35}$ exceeding RALs; however, none exceeded the cPCLs.

In addition, the northern portion of the interior of this building, proximate to a floor drain was previously assessed for Metals, VOCs, and TPH in shallow soil (soil boring B-11) by Modern in their January 12, 2021 Phase II Report.

Analytical results for soil samples collected from soil boring B-11 (1-2') and (2-3') exhibited Arsenic concentrations above RALs; however, none exceeded the cPCLs. The soil sample collected from soil boring B-11 (1-2') also exhibited Lead concentrations above RALs; however, below the cPCLs. No other metals constituents were detected above RALs in the soil samples from B-11.

Analytical results for soil samples collected from soil boring B-11 (1-2') exhibited VOC constituent concentrations above laboratory SDLs but below RALs. B-11 (2-3') was not analyzed for VOCs.

Analytical results for the soil sample collected from soil boring B-11 (1-2') exhibited no TPH concentrations above laboratory SDLs. B-11 (2-3') was not analyzed for TPH.

**8. Former USTs (two 18,000-gallon diesel)**

- Based on information in the Modern Phase I ESA, two (2) 18,000-gallon diesel USTs were formerly located outside the northeast portion of the Custom Parts Machine Shop Building. Available PST and LPST files reviewed by Modern were limited but indicated that all known USTs have been removed from the Site. Modern conducted Phase II assessment of that location by installing soil boring B-12 to 10' bgs into the center of the former UST tankhold. Modern collected a soil sample from the 8-9' interval of the soil boring which was submitted for laboratory analysis of VOCs, PAH, and TPH.

Analytical results for the B-12 soil sample exhibited VOC constituent concentrations above laboratory SDLs but below RALs.

Analytical results for the B-12 soil sample exhibited PAH constituent concentrations above laboratory SDLs but below RALs.

Analytical results for the B-12 soil sample exhibited TPH concentrations above RALs for TPH $C_6$-$C_{12}$ and $C_{12}$-$C_{28}$; however, none exceeded the cPCLs.

CCG conducted additional subsurface assessment in this area in May 2021. CCG advanced a soil boring on the southwest side, downgradient, of the former tankhold to 40 feet bgs which was completed as permanent monitor well MW-11. Three soil samples were collected from soil boring MW-11 and submitted for laboratory analysis of Metals, VOCs, SVOCs, and TPH. A groundwater sample was collected from monitor well MW-11 and submitted for laboratory analysis of Metals, VOCs, SVOCs, and TPH.

Analytical results for the soil sample collected from soil boring MW-11 (40') exhibited an Arsenic concentration above RALs; however, below the cPCLs. No other metals constituents were detected above RALs in the soil samples collected from MW-11.

Analytical results for soil samples collected from soil boring MW-11 were all below laboratory SDLs for VOCs except for minor concentrations of 2-Butanone (Methyl Ethyl Ketone, MEK) below RALs in the (2.5-5') and (25-27.5') intervals.

Analytical results for soil samples collected from soil boring MW-11 (2.5-5', 25-27.5', and 40') were all below laboratory SDLs for SVOCs.

Analytical results for soil samples collected from soil boring MW-11 (2.5-5', 25-27.5', and 40') were all below laboratory SDLs for TPH.

Analytical results for the groundwater sample collected from monitor well MW-11 exhibited Barium concentrations above laboratory SDLs but below RALs. All other Metals constituents were below laboratory SDLs.

Analytical results for the groundwater sample collected from monitor well MW-11 were all below laboratory SDLs for VOCs except for minor concentrations of 4-Methyl-2-Pentanone (MIBK) and MTBE, both well below RALs.

Analytical results for the groundwater sample collected from monitor well MW-11 were all below laboratory SDLs for SVOCs.

Analytical results for the groundwater sample collected from monitor well MW-11 were all below laboratory SDLs for TPH.

**9. Wash Bay**

- The Wash Bay, located on the southwestern portion of the Site, features an in-ground sump inside the wash bay which discharges to an aboveground oil/water separator connected to a waste water holding tank (plastic tote) located outside the southeast corner of the wash bay building.

In their Phase II, Modern installed soil boring B-10 proximate to the sump inside the Wash Bay. Soil boring B-10 was advanced to 10 feet bgs. The soil sample collected from the (0-1') interval was submitted for laboratory analysis of Metals, VOCs, TPH (both TX1005 and TX1006). In addition, the soil sample collected from the (2-3') interval was analyzed for Arsenic and Lead.

Analytical results for the soil sample collected from soil boring B-10 (0-1') exhibited Arsenic and Lead concentrations above RALs at 8.66 mg/Kg and 23.8 mg/Kg, respectively; however, none exceeded the cPCLs. No other metals constituents were detected above RALs in the soil samples collected from MW-10. Due to the exceedance of Arsenic and Lead, the sample from B-10 (0-1'), was further analyzed using Synthetic Precipitation Leaching Procedure (SPLP) to assess the potential for Arsenic and Lead in this sample to leach to groundwater. SPLP analytical results identified Arsenic at an estimated (J-flagged) concentration of 0.00341 mg/L and Lead at an estimated (J-flagged) concentration of 0.00103 mg/L which are well below the TRRP Tier 1 Residential PCL $^{GW}GW_{Ing}$ RALs.

Modern also submitted the deeper soil sample from B-10 (2-3') for additional analysis of Arsenic and Lead. Analytical results exhibited Arsenic and Lead concentrations below RALs at 5.81 mg/Kg and 11.5 mg/Kg, respectively.

Analytical results for the soil sample collected from soil boring B-10 (0-1') exhibited VOC constituent concentrations above laboratory SDLs but below RALs except for Vinyl Chloride at 0.0724 mg/Kg which exceeds the TRRP Tier 1 Residential PCL $^{GW}Soil_{Ing}$ RAL of 0.022 mg/Kg but below the TRRP Tier 1 Commercial/Industrial PCL $^{Tot}Soil_{Comb}$ (cPCL).

Analytical results for the soil sample collected from soil boring B-10 (0-1') exhibited TPH concentrations above RALs for $C_6$-$C_{12}$, $C_{12}$-$C_{28}$, and $C_{28}$-$C_{35}$; however, none exceeded the cPCLs. The sample from B-10 was further analyzed using TCEQ Method TX1006. None of the speciated TPH ranges exceeded their respective Tier 1 Residential PCLs (TCEQ TRRP PCL Tables, March 1, 2022). Additionally, the TCEQ TRRP TPH PCL Calculator was used to develop release-specific TPH Tier 1 Residential PCL using the TX1006 analytical results. The Calculator results identified a release-specific Tier 1 Residential PCL of 74,200 mg/Kg for the TPH release identified in the vicinity of boring B-10 (0-1'). The TPH concentrations reported for B-10 were well below the release specific PCLs.

- CCG conducted additional subsurface assessment in this area in May 2021. CCG advanced a soil boring approximately 45 feet west of Modern's soil boring B-10 to 40 feet bgs which was completed as permanent monitor well MW-14. Three soil samples were collected from soil boring MW-14 and submitted for laboratory analysis of Metals, VOCs, SVOCs, and TPH. A groundwater sample was collected from monitor well MW-14 and submitted for laboratory analysis of Metals, VOCs, SVOCs, and TPH.

  Analytical results for soil samples collected from soil boring MW-14 (0-2.5' and 34-35') exhibited Arsenic concentrations above RALs; however, none exceeded the cPCLs. In addition, MW-14 (0-2.5') exhibited a Lead concentration above RALs; however, below the cPCLs. No other metals constituents were detected above RALs in the soil samples collected from MW-14. Due to the exceedance of Arsenic and Lead, the sample from MW-14 (0-2.5'), was further analyzed using SPLP to assess the potential for Arsenic and Lead in this sample to leach to groundwater. SPLP analytical results identified Arsenic and Lead at concentrations below laboratory SDLs.

  Analytical results for soil samples collected from soil boring MW-14 were all below laboratory SDLs for VOCs except for minor concentrations of 2-Butanone (MEK) below RALs.

Analytical results for the soil sample collected from soil boring MW-14 (0-2.5') exhibited SVOC constituent concentrations above laboratory SDLs but below RALs. No SVOCs were detected above laboratory SDLs in the soil samples collected from soil borings MW-14 (34-35' and 40').

Analytical results for the soil sample collected from soil boring MW-14 (0-2.5') exhibited TPH concentrations above laboratory SDLs with TPH $C_{12}$-$C_{28}$ exceeding RALs; however, below the cPCLs. Due to the exceedance of TPH, the sample from MW-14 (0-2.5'), was further analyzed using SPLP to assess the potential for TPH in this sample to leach to groundwater. SPLP analytical results identified TPH at below laboratory SDLs. No TPH concentrations were detected above laboratory SDLs in the soil samples collected from soil borings MW-14 (34-35' and 40').

Analytical results for the groundwater sample collected from monitor well MW-14 exhibited minor Arsenic and Barium concentrations above laboratory SDLs but below RALs. All other Metals constituents were below laboratory SDLs.

Analytical results for the groundwater sample collected from monitor well MW-14 were all below laboratory SDLs for VOCs.

Analytical results for the groundwater sample collected from monitor well MW-14 were all below laboratory SDLs for SVOCs.

Analytical results for the groundwater sample collected from monitor well MW-14 were all below laboratory SDLs for TPH.

On March 21, 2022, TAS Environmental, under the supervision of CCG, removed the contents of the aboveground oil/water separator and waste water holding tank (plastic tote) located outside the southeast corner of the wash bay building. Please see Appendix 12 for Table of Waste Disposal Activities and copies of the waste manifest for the fluid removed from the oil/water separator and waste water holding tank.

**10. Compressor Shop**

- CCG observed surface staining on the concrete flooring of the open area inside the building. Additionally, a small parts washer was observed inside a small room on the south side of the building. To assess the area, CCG installed shallow soil borings B-56 to 10 feet bgs and B-57 to 2 feet bgs. Two soil samples were collected from B-56 and one from B-57 and submitted for laboratory analysis of VOCs, PAH, and TPH. B-56 was installed on the opposite side of the wall behind the parts washer and B-57 was installed directly in front of the parts washer. Due to access limitations, B-57 was installed via hand auger.

  Analytical results for soil samples collected from soil boring B-56 (2.5-5' and 7.5-10') and B-57 (2') were all below laboratory SDLs for VOCs.

  Analytical results for soil samples collected from soil boring B-56 (2.5-5' and 7.5-10') and B-57 (2') were all below laboratory SDLs for PAH.

  Analytical results for soil samples collected from soil boring B-56 (2.5-5' and 7.5-10') and B-57 (2') were all below laboratory SDLs for TPH.

In addition, in their January 12, 2021 Phase II Report, Modern assessed shallow soil proximate to the parts washer feature for metals, VOCs, and TPH with soil boring B-9 (0-1').

Analytical results for the soil sample collected from soil boring B-9 (0-1') exhibited Arsenic and Lead concentrations above RALs; however, none exceeded the cPCLs. No other metals constituents were detected above RALs in the soil sample from B-9.

Analytical results for soil samples collected from soil boring B-9 (0-1') exhibited VOC constituent concentrations above laboratory SDLs but below RALs.

Analytical results for the soil sample collected from soil boring B-9 (0-1') exhibited no TPH concentrations above laboratory SDLs.

On March 21, 2022, TAS Environmental, under the supervision of CCG, removed the fluid containers associated with the parts washer. Please see Appendix 12 for Table of Waste Disposal Activities and the waste manifest for the containers.

**11. Southwest Corner of the Site**

- Based on information contained in the Modern Phase I ESA and a review of aerial images of the area, the southwest corner of the Site had been used for outdoor storage of equipment and automotive parts associated with the west adjacent property. During CCG's site visit no equipment or vehicles remained and no staining or distressed vegetation was observed. To assess the area, CCG installed shallow soil borings B-54 and B-55 to 10 feet bgs. Two soil samples were collected from each of the soil borings and submitted for laboratory analysis of Metals, VOCs, PAH, and TPH.

- Analytical results for soil samples collected from soil boring B-54 (2.5-5') exhibited a Lead concentration above RALs; however, below the cPCLs. In addition, B-54 (2.5-5' and 7.5-10') exhibited Selenium concentrations above RALs; however, below the cPCLs. No other metals constituents were detected above RALs in the soil samples collected from B-54 or B-55.

- Analytical results for soil samples collected from soil boring B-54 (2.5-5' and 7.5-10') and B-55 (5-7.5' and 7.5-10') were all below laboratory SDLs for VOCs.

- Analytical results for the soil samples collected from soil borings B-54 (7.5-10') and B-55 (5-7.5' and 7.5-10') exhibited PAH constituent concentrations above laboratory SDLs but below RALs. No PAH constituents were detected above laboratory SDLs in the soil sample collected from soil boring B-54 (2.5-5').

- Analytical results for soil samples collected from soil boring B-54 (2.5-5' and 7.5-10') and B-55 (5-7.5' and 7.5-10') were all below laboratory SDLs for TPH.

**Drinking Water Survey, Consolidated Consulting Group, LLC – December 19, 2022**

Due to the identified concentrations in groundwater exceeding residential health-based standards for ingestion, Consolidated Consulting Group, LLC was directed by the TCEQ in a letter dated November 19, 2021 to conduct a Drinking Water Survey. Based on the information obtained from the water well report and

during a field survey, no public or private drinking water wells were identified within 0.5 mile radius of the designated property.

**Affected Property Assessment Report, Consolidated Consulting Group, LLC – December 20, 2022**
CCG submitted an Affected Property Assessment Report (APAR) to the TCEQ on December 20, 2022 documenting the assessment activities conducted to date.

After review of the APAR, the TCEQ provided a response letter on March 14, 2023 with directives to address the former 12,000-gallon diesel AST located east of the Custom Parts Machine Shop, and the former UST located outside the southwest portion of the former Main Warehouse Building that collected fluids from the building's floor drain system, under 30 TAC Chapter 334 rules and to provide that documentation in a Release Determination Report (RDR). Additionally, CCG was directed to assess a former 30-gallon diesel AST (<1,100-gallons) located east of the 12,000-gallon diesel AST under Texas Risk Reduction Program (TRRP) rules.

The TCEQ response letter also addressed the four active WMUs at the site. The TCEQ indicated that "*Based on the information provided, it appears that the unit*[s] (WMU-001 and WMU-004) *qualifies for closure. A separate closure letter will be provided.*" The TCEQ further requested additional information on whether the maintenance pit was adequately assessed. CCG provided a technical response on April 13, 2023 indicating that "*Two soil borings (B-49 and B-50) were installed immediately adjacent and down-gradient of the… maintenance pit. Samples were collected from 2.5-5' and 7.5-10' below ground surface (bgs) for laboratory analysis for TPH and VOCs. All results were below action levels… It is CCG's opinion that no additional assessment of the maintenance pit is warranted.*" After review of CCG's April 13, 2023 Technical Response, TCEQ responded with a letter dated May 30, 2023 which indicated "*WMU-002/WMU-003 and WMU-004: Because of exceedances of the commercial soil to groundwater induction PCLs in the vicinity of these WMUs, the WMUs will only be eligible for closure upon the certification of the proposed MSD. Separate closure letters will be provided at that time. No further release investigation for these areas is required.*"

**Additional Assessment / Release Determination, Consolidated Consulting Group, LLC**
Per the TCEQ directives in their March 14, 2023 letter, CCG prepared an RDR for the following:

<u>12,000-Gallon Diesel AST Removal Summary</u>
On December 1, 2021, CCG oversaw W. Two Plus, Inc. conduct the removal of one (1) registered 12,000-gallon AST from the Site. The AST was previously operated/owned by Trinity Industries and acquired during a property transaction by the current property owner.

On August 24, 2023, CCG returned to the Site to collect confirmation samples from beneath the former AST location per TCEQ sampling protocols outlined in TCEQ RG-411. Three soil borings (B-75, B-76 and B-77) were advanced to five feet bgs using hand auger equipment within the foot print of the former AST. One soil sample per boring was collected for laboratory analysis of Benzene, Toluene, Ethylbenzene, Xylenes, and Methyl Tert-Butyl Ether (BTEX/MTBE), Total Petroleum Hydrocarbons (TPH), and Polycyclic Aromatic Hydrocarbons (PAH).

The following is a summary of the soil sample laboratory analytical results:

- **BTEX** concentrations were all reported below laboratory sample detection limits (SDLs).

- **MTBE** concentrations were all reported below laboratory SDLs except for a single detection in soil sample B-75 2.5-5' at a J-flagged concentration of 0.000871 milligrams per kilogram (mg/Kg). The MTBE detection is below TCEQ Petroleum Storage Tank (PST) Program Action Levels.

- **TPH** concentrations were all reported below laboratory SDLs.

- **PAH** concentrations were all reported below laboratory SDLs expect for several constituent detections in soil sample B-77 2.5-5'. The PAH detections are all below TCEQ PST Program Action Levels.

UST / Oily Sump Removal

The information and analytical results regarding the removal of this feature was previously submitted in the December 20, 2022 APAR. Per the March 20, 2023 TCEQ directive the removal and assessment results were re-submitted in an RDR dated November 1, 2023 to satisfy 30 TAC Chapter 334 rules.

**Additional Assessment – Diesel AST (<1,100-gallons), Consolidated Consulting Group, LLC – August 24, 2023**

Per the TCEQ directive in their March 14, 2023 letter, CCG conducted additional subsurface investigation to assess the potential source area of the former 30-gallon diesel AST located in the parking area east of the former 12,000-gallon AST and northwest of the Southeastern Truck Maintenance Facility. CCG advanced two soil borings (B-73 and B-74) to ten feet bgs proximate to the foot print of the former AST. Two soil samples per boring were collected for laboratory analysis of BTEX/MTBE, TPH, and PAH.

The following is a summary of the soil sample laboratory analytical results:

- **BTEX** concentrations were all reported below laboratory SDLs except in soil boring SB-73 (0-2.5') for benzene (0.000459 J mg/Kg), ethylbenzene (0.000525 J mg/Kg), and xylenes (0.00244 mg/Kg), in SB-73 (7.5-10') for xylenes (0.000568 J mg/Kg), in SB-74 (0-2.5') for ethylbenzene (0.000693 J mg/Kg) and xylenes (0.00375 mg/Kg). All detected concentrations were below the applicable PCLs.

- **MTBE** concentrations were all reported below laboratory SDLs.

- **TPH** concentrations were all reported below laboratory SDLs except in B-73 (0-2.5') for $C_{12}$-$C_{28}$ at 60.6 mg/Kg and $C_{28}$-$C_{35}$ at 110 mg/Kg. All detected TPH concentrations were below the applicable PCLs.

- **PAH** concentrations were all reported below laboratory SDLs expect for several constituent detections in soil samples B-73 (0-2.5) and B-74 (0-2.5 and 7.5-10'). The PAH detections are all below applicable PCLs.

**Affected Property Assessment Report Form (APAR) Update, Consolidated Consulting Group, LLC – October 31, 2023**

CCG submitted an APAR update report documenting the further investigation of a small 30-gallon AST as discussed above on October 31, 2023.

**Release Determination Report (RDR), Consolidated Consulting Group, LLC – November 1, 2023**

Per the TCEQ directive CCG submitted an RDR dated November 1, 2023 for the Additional release assessment activities for the 12,000-gallon AST and the oily sump/UST as discussed above. The TCEQ provided a no further actions letter dated March 6, 2024.

Upon approval of the MSD from the City of Dallas, the Applicant will submit an MSD Application Form (TCEQ Form No. 20149) to the TCEQ. Once the MSD is approved by the TCEQ and established, the APAR will be updated to reflect the MSD adjusted Protective Concentration Levels, after which, CCG believes the site will meet closure criteria, so a Certificate of Completion (COC) can be issued. Once the COC is issued, the MSD and COC will be recorded with the deeds for the designated properties and; the on-site monitor wells will be properly plugged and abandoned and the appropriate reports will be submitted to the State.

**A summary of environmental site assessment reports associated with Tract #2 and #3 (3919 Irving Blvd and 5025 Cash Road) is presented below:**

The MSD Applicant provided CCG with an Environmental Review & File Summary report prepared for Tract #2 and #3 (3919 Irving Boulevard/5025 Cash Road) prepared by Reed Engineering Group (Reed) dated July 2009. The Reed report includes a review of several past environmental assessments, including an APAR associated with a 40 TAC Chapter 334 PST release and select Texas Commission on Environmental Quality (TCEQ) Records. Below are excerpts of the "Previous Report Summary" section of the Reed report. A copy of the Environmental Review & File Summary Report prepared by Reed can be found in Item 28.

**Phase II Subsurface Assessment – Apollo Environmental Strategies, Inc. (Apollo) – May 2002**

*"Apollo Environmental Strategies, Inc. (Apollo) conducted a Limited Phase I and Phase II Environmental Site Assessment for the subject property in May 2002. Apollo summarized that the site consists of 5.4 acres improved with five buildings, utilized for warehouses, shop buildings, and offices, Historical Information collected by Apollo indicated that the property was vacant and undeveloped until the l950's when Stewart & Stevenson began site construction. Stewart & Stevenson continued to expand the property and conducted truck and engine servicing/repair operations through the 1990's. From the 1990's to 2002, the site was apparently used by Stewart & Stevenson and/or Standard Waste Systems.*

*Apollo's investigation identified several areas of concern throughout the property, including subsurface oil/water separators, an on-site paint booth, oily surface areas, four (4) underground storage tanks (USTs), and sumps. Observed oil/water separators, storm drain, grit drain, and French drain locations were recorded by Apollo in Figure 5 of their report. According to Apollo's Phase II Investigation, petroleum hydrocarbon related volatile· organic compounds (VOCs) were detected in soils in the vicinity of a paint booth in the northwestern portion of the site (MW-4). Petroleum hydrocarbon VOCs were detected in soils from boring B-3 (adjacent to a storm drain), as well as from borings B-5 and B-7 (located near oil/water separators), and from borings B-10 through B-12 (near the four (4) USTs located in Building 1). All detections of VOCs in soil were below Texas Risk Reduction Program (TRRP) Tier 1 Residential Protective Concentration Levels (PCLs) for Soil Protective of Class 1 and 2 Groundwater (TRRP Tier 1 $^{GW}Soil_{Ing}$) with the exception of benzene, which was detected in one soil boring in the vicinity of the USTs. Total Petroleum Hydrocarbons (TPH) and lead were detected above TRRP Tier 1 $^{GW}Soil_{Ing}$ PCLs in several borings across the site.*

*In groundwater, Apollo indicated that chlorinated solvent related VOCs (1,1-dichloroethane and 1,2-dichloroethane) were detected in monitor wells MW-2 (southeast comer of property) and MW-4 (in the vicinity of the paint booth in the northwestern portion of the site). 1,2-Dichloroethane was the only constituent detected above TRRP Tier 1 PCLs, and only in monitor well MW-4. TPH was not detected above laboratory detection limits. No other constituents (di-n-butylphthalate and barium) exceeded TRRP Tier 1 PCLs.*

*The Apollo report concluded that some contamination exists on the subject property and noted the presence of elevated concentrations of lead. Most of the lead concentrations throughout the property were detected at or slightly above the Texas-Specific Background Concentration. However, in one soil sample near the USTs, lead was detected at a concentration significantly above the acceptable background concentration. Apollo concluded that it would be unlikely that remediation would be required for lead in soils.*

*Apollo noted a 1,2-dichloroethane concentration in groundwater that was above TRRP Tier 1 PCLs for Class 1 and 2 Groundwater The detection was from monitor well MW-4 (along the western property boundary). The report did not comment specifically on the presence of benzene above TRRP Tier 1 PCLs, however Apollo concluded that remediation was not necessary and that the site would not be considered a LPST.*

*Apollo recommended that the USTs, which were not registered and had been out of use for over one (1) year, be properly closed in accordance with state requirements."*

**Phase I ESA – Koos & Associates, Inc. (Koos) – June 2006**

*"Koos & Associates, Inc. (Koos) conducted a Phase I Environmental Site Assessment (ESA) in June 2006. At that time, the site consisted of six buildings, including three storage warehouses, two office buildings, and an industrial building. The southern portion of the property (3919 Irving Blvd.) was occupied by Fontaine Modification, who utilized the facility as a custom commercial truck modification facility. The northern portion of the site (5025 Cash Road) was occupied by Standard Waste Systems, which was reported to be a waste paper/plastic processing facility.*

*Koos documented one (1) 10,000-gallon diesel aboveground storage tank (AST) located in the north-central portion of the site, and several small (approx. 300-gallon) tanks, used to store new oil, used oil, and antifreeze. Other petroleum based products, including gasoline, motor oil, gear oil, grease, hydraulic oil, paint solvents, and paint residues were observed stored on the property. Two (2) paint booths were identified on the subject property; one (l) booth in the Fontaine Modification facility, and one (1) at the Standard Waste Systems facility. Koos did not address the four (4) USTs in the storage warehouse in the western portion of the site. Koos recommended a subsurface investigation be conducted to assess soil and groundwater contamination at the site."*

**Phase II Subsurface Assessment – Reed – September 2006**

*"Reed conducted a Limited Subsurface Investigation (LSI) in September 2006, to further evaluate potential impacts to soil and groundwater from on and off-site sources based on previous Phase I ESAs conducted by others. Reed installed nine (9) soil borings, five (5) of which were converted to permanent monitor wells. Four (4) of the soil borings were placed around the perimeter of the UST tankpit location (inside the western portion of Building 1), the remaining borings/wells were located throughout the property. Groundwater was encountered at approximately 17 feet below ground surface, and groundwater gradient was determined to be to the east/northeast.*

*Results of the LSI indicated that shallow soils in the vicinity of the UST tankpit had been impacted by benzene, arsenic, and lead above TRRP Tier 1 $^{GW}Soil_{Ing}$ PCLs. However, the soil samples submitted from below the tankpit exhibited concentrations below respective TRRP Tier 1 $^{GW}Soil_{Ing}$ PCLs. No other areas studied as part of the investigation were identified as having soil impact. Lead was detected in soils throughout the property; however, lead concentrations were below a site-specific Tier 2 PCL, which was calculated based on the pH of*

*the soil. Arsenic exceeded the Tier 2 PCLs calculated for the site. A Synthetic Precipitate Leaching Procedure (SPLP) analysis was conducted for the sample with the highest arsenic concentration, in order to determine the potential for leaching of arsenic from soils to groundwater. The SPLP analysis did not exhibit an arsenic concentration above the TRRP Tier 1 Residential PCL for Ingestion of Class 1 and Class 2 Groundwater ($^{GW}GW_{Ing}$).*

*Groundwater sampled in the northwest portion of the site had detections of 1,2-dichloroethane and MTBE above TRRP Tier 1 $^{GW}GW_{Ing}$ PCLs. The source of the groundwater contamination is unknown, but was speculated to be from both on and/or off-site sources. Based on the findings of the investigation, Reed recommended that the on-site USTs be properly closed in accordance with TCEQ and City of Dallas regulations.*

**Tankpit Groundwater Investigation – Reed – October 2006**
*"In October 2006, Reed installed a permanent monitor well, and analyzed groundwater, in the UST tankpit area, at the request of the TCEQ. TPH, VOC, and PAH constituents were not detected at concentrations above the sample quantitation limits in the groundwater sample submitted from the monitor well."*

**Drinking Water Survey – Reed – November 2006**
*"The TCEQ requested on November 3, 2006, that a Drinking Water Survey (DWS) be prepared for the site. The TCEQ requires a DWS be prepared within 30 days of reported groundwater contamination for all sites, in order to assess if any nearby water wells may be impacted. Reed prepared a DWS Report in November 2006. The report summarizes previous investigations and site contamination. A water well survey and visual inspection, conducted as part of the DWS, indicated no private or public water supply wells within one-half mile of the subject property, and no water wells within a 500-foot radius of the property."*

**Affect Property Assessment Report – Reed – April 2007**
*"Reed prepared an Affected Property Assessment Report (APAR) for the subject property and submitted it to the TCEQ in April 2007. The APAR documented that the site was entered into the Leaking Petroleum Storage Tank (LPST) program of the TCEQ in November 2006 (Facility ID No. 78284, LPST ID No. 117034), and that the USTs were abandoned in-place in December 2006. Based on a review of the APAR, the TCEQ issued a May 22, 2007 "No Further Action" letter for the site, and the LPST case was closed. Regarding the metals detected in soils from the tankpit area, the TCEQ letter acknowledged that, with the exception of arsenic, no constituents were detected above their respective Tier 1 or 2 PCLs. The letter further stated that a background analysis of arsenic indicated that there was not a statistically significant difference between arsenic in soils from the tank pit area and other background samples."*

## ITEM 17: STATEMENT – REGARDING DRINKING WATER SUPPLY SYSTEM WITHIN 0.5-MILE OF PROPERTY

Dallas Water Utilities (DWU) is a registered TCEQ Texas Public Water System provider and supplies drinking water to the Designated Property and all surrounding properties within a one-half mile radius. According to the DWU website, potable water is obtained from six (6) reservoirs, Grapevine, Lewisville, Ray Roberts, Ray Hubbard, Tawakoni, and Fork. Only Lake Ray Hubbard is owned and operated by the City of Dallas. Additionally, Lake Palestine is in the process of being connected to the City of Dallas's system, with an anticipated connections date of 2027.

The DWU services over 2.6 million customers in Dallas and twenty-seven (27) surrounding cities totaling an area of approximately 700 square miles. The DWU operates and maintains a reported 5,054-miles of water main and includes three treatment plants (East Side, Elm Fork, and Bachman) with the treatment capacity of 900 million gallons a day.

# ITEM 18: WATER WELLS WITHIN 5-MILE RADIUS OF THE PROPERTY

**Water Wells Within 5-Mile Radius**

CCG reviewed a Water Well Report (WWR) developed by Banks Environmental Data (Banks) identifying all state-registered private water wells located within 5 miles of the Designated Property. The Banks WWR identified a total of two-hundred and ten (210) water wells located within a 5-mile radius of the Designated Property. A summary table listing all water wells identified within 5 miles of the Designated Property is included in this Item.

In accordance with Section 361.805 of the Texas Health and Safety Code, notice will be sent to each owner of the state-registered private wells identified within 5 miles of the Designated Property. At this time, the applicant has not provided notice to each well owner. The first round of notices will be completed by the City of Dallas. Any water wells that have been identified as plugged and abandoned, or plugged/destroyed do not require a notification and are excluded from the electronic Excel spreadsheet.

Excerpts from the 5-mile radius WWR, including a summary table and maps showing the location of each identified well, is provided in this Item. A complete copy of the 5-mile radius WWR and an Excel spreadsheet listing all water wells, including owner mailing information, can be found on the provided universal serial bus (USB) located in Item 28.

**Water Wells Within 0.5-mile Radius**

CCG reviewed a Water Well Report (WWR) developed by Banks identifying all state-registered private wells located within one-half mile of the Designated Property. No state-registered private water wells were identified in the Bank one-half mile WWR.

A copy of the one-half mile radius WWR is provided in this Item.

## Item 18 Attachments

- Five Mile Water Well Report (reduced)
- Five Mile Water Well Summary Table
- One-half Mile Water Well Report

**Prepared for:**
CONSOLIDATED CONSULTING GROUP, L.L.C.
6215 Colleyville Blvd.
Colleyville, TX 76034

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

# Water Well Report

4001, 4011 and 4211 Irving Boulevard

Dallas, TX

ES-143752

Tuesday, April 16, 2024

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## Geographic Summary

| Location |
|---|
| TX |
| Subject property is 74.17 acres, 0.116 square miles, and has a 1.75 mile perimeter |

| Coordinates (centroid) | |
|---|---|
| Lat/Long in Degrees Minutes Seconds | 32° 48' 38.77", -96° 53' 9.37" |
| Lat/Long in Decimal Degrees | 32.810770000000005, -96.885935 |
| X/Y in NAD83 / UTM Zone 14N | 697924.6839333819, 3632288.043509585 |

| Elevation (centroid) |
|---|
| 408.92 ft |

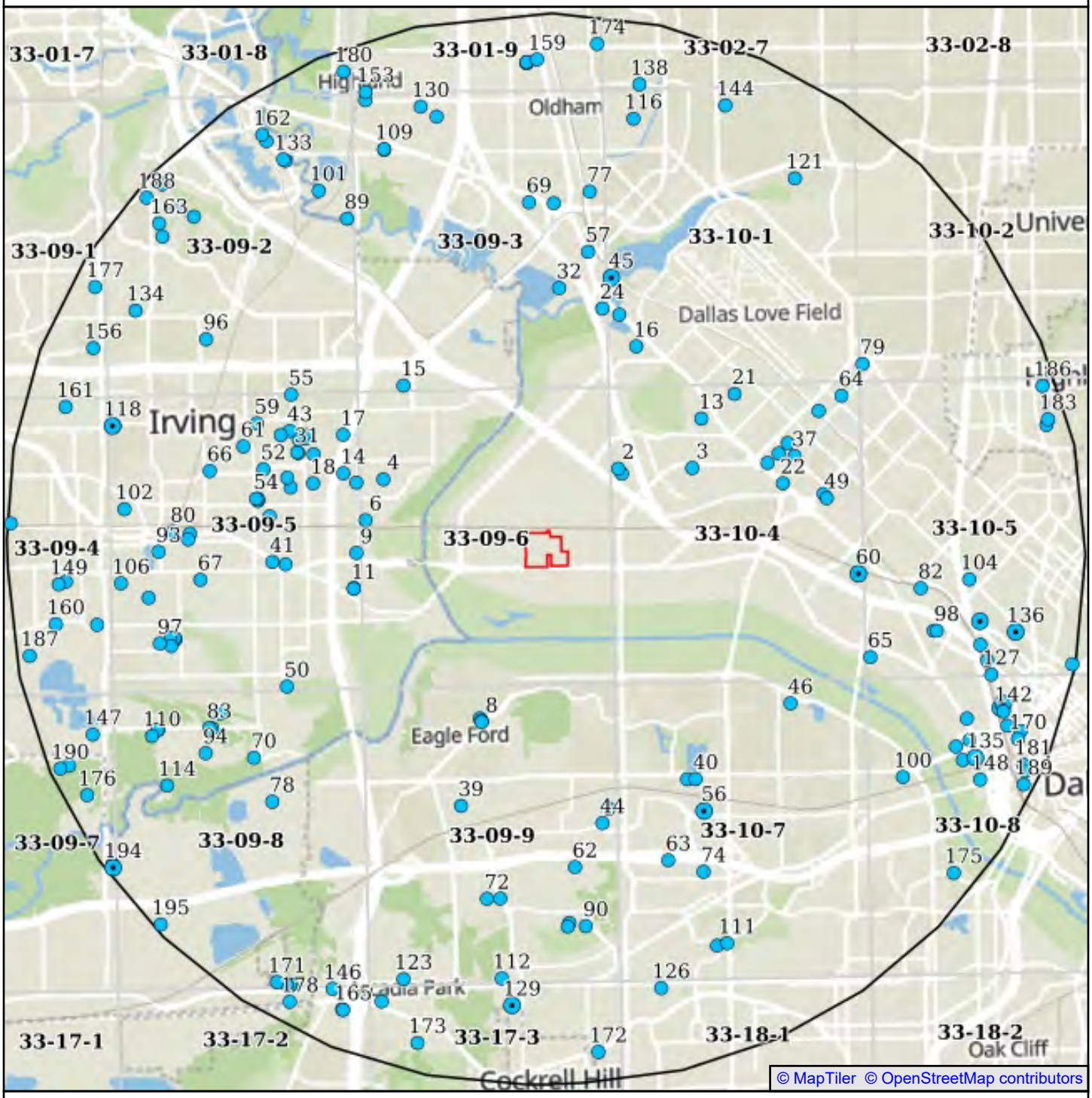
| Zip Codes Searched | |
|---|---|
| **Search Distance (mi)** | **Zip Codes** |
| Subject Property | 75247 |
| 5.0 miles | 75209, 75247, 75220, 75207, 75051, 75038, 75039, 75235, 75050, 75229, 75060, 75061, 75390, 75201, 75202, 75205, 75225, 75219, 75203, 75211, 75212, 75062, 75204, 75208 |

| Topos Searched | |
|---|---|
| **Search Distance** | **Topo Name** |
| Subject Property | Irving (1978) |
| 5.0 miles | Addison (1978), Carrollton (1978), Oak Cliff (1979), Duncanville (1978), Dallas (1978), Irving (1978) |

## Water Well Summary

| Datasets Searched | Distance | Total |
|---|---|---|
| US Water Well (WW) | 5.0 | 0 |
| TX Groundwater Supply (GWS) | 5.0 | 78 |
| TX Historical Waterwell (HIST) | 5.0 | 76 |
| TX Public Water Supply (PWS) | 5.0 | 8 |
| TX Submitted Drillers Report (SDR) | 5.0 | 48 |
| **Total Wells Found** | | **210** |

## Summary Map - 5.0 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer
Texas Quad Index

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Topographic Overlay Map - 5.0 Mile Radius

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### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer

**Subject Property Quad Name(s)**
See Geographic Summary

0' 4917' 9833'

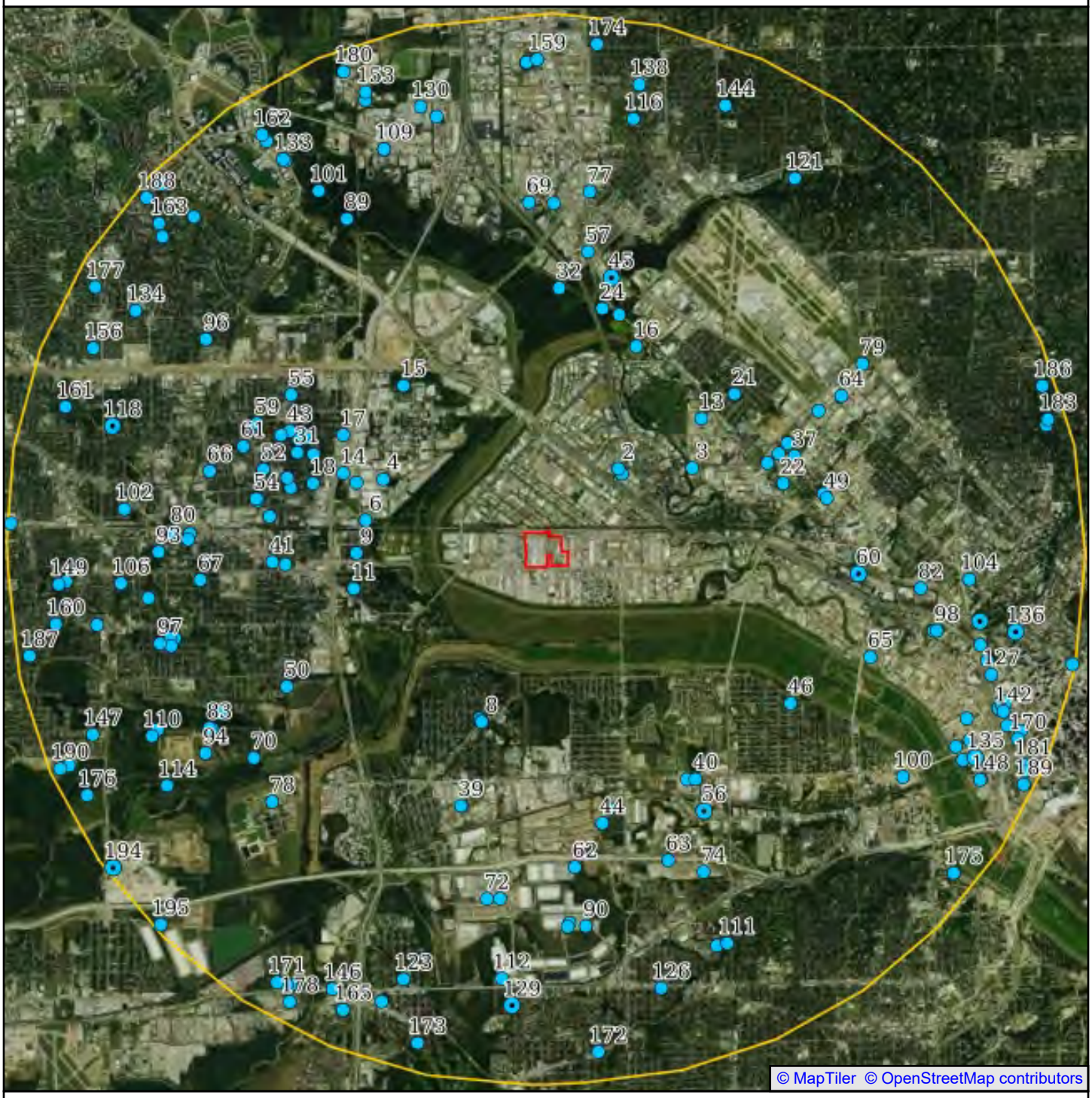
1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Current Imagery Overlay Map - 5.0 Mile Radius

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### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer

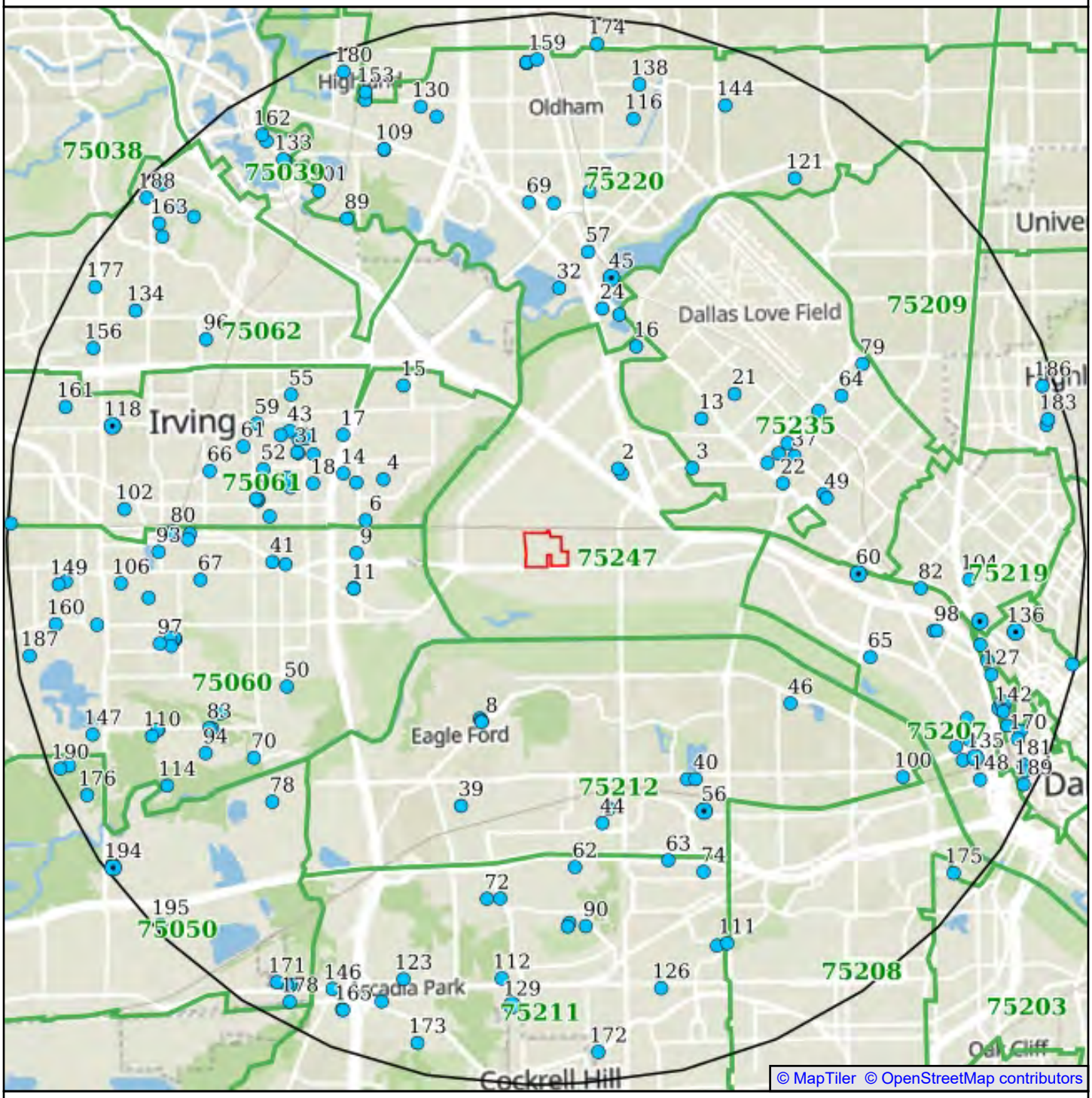
0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Zip Code Map - 5.0 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer
Zip Code Boundary

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| Map ID | Source ID | Dataset | Owner | Well Type | Drill Depth | Static Level | Completion Date | Distance | Elevation | Details Page # |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3310406 | GWS | Andersen Consulting | Plugged or Destroyed | 1366 | | 1993-12-01 | 0.85mi NE | -2.10 ft | 18 |
| 5 | 3309906 | GWS | INdependent Water | Unused | 787 | | 1947-01-01 | 1.53mi S | +4.46 ft | 27 |
| 6 | 3309601 | GWS | Petrocarbon Chemical Inc | Unused | 443 | | 1957-01-01 | 1.54mi W | +27.43 ft | 33 |
| 7 | 3309905 | GWS | Independent Water Co | Unused | 728 | | 1946-01-01 | 1.54mi S | +4.46 ft | 37 |
| 8 | 3309904 | GWS | Independent Water Co | Unused | 1325 | | 1950-01-01 | 1.55mi S | +4.46 ft | 41 |
| 12 | 3309502 | GWS | City of Irving Well #5 | Plugged or Destroyed | 2309 | | 1953-01-01 | 1.69mi W | +66.80 ft | 46 |
| 16 | 3310101 | GWS | Dallas County Park Cities Water | Unused | 2400 | | 1953-01-01 | 1.97mi NE | +33.99 ft | 50 |
| 18 | 3309506 | GWS | George Foster | Unused | 325 | | 1950-01-01 | 2.09mi W | +76.64 ft | 54 |
| 35 | 3310702 | GWS | GAF Corp | Industrial | 2525 | | 1953-01-01 | 2.36mi SE | +14.30 ft | 58 |
| 37 | 3310402 | GWS | Exchange Park Utilities | Industrial | 1527 | | 1956-01-01 | 2.38mi E | +30.71 ft | 62 |
| 38 | 3309911 | GWS | Texaco Inc | Unused | 1392 | | 1929-01-01 | 2.38mi S | +43.83 ft | 70 |
| 40 | 3310701 | GWS | City of Dallas | Unused | 2564 | | 1952-01-01 | 2.40mi SE | +14.30 ft | 74 |
| 41 | 3309512 | GWS | C.E. Fann | Industrial | 505 | | 1966-01-01 | 2.44mi W | +73.36 ft | 78 |
| 44 | 3309909 | GWS | Texaco, Inc | Unused | 2373 | | 1913-01-01 | 2.51mi S | +43.83 ft | 82 |
| 45 | 3310102 | GWS | City of Dallas | Unused | 1527 | | 1910-01-01 | 2.52mi N | +17.59 ft | 86 |
| 45 | 3310103 | GWS | City of Dallas | Unused | 542 | | 1910-01-01 | 2.52mi N | +17.59 ft | 90 |
| 50 | 3309511 | GWS | Shady Oaks Trailer Park | Public Supply | 405 | | 1969-01-01 | 2.58mi SW | +11.02 ft | 94 |
| 53 | 3309504 | GWS | City of Irving Well #2 | Plugged or Destroyed | 2267 | | 1948-01-01 | 2.59mi W | +83.20 ft | 98 |
| 54 | 3309507 | GWS | City of Irving | Plugged or Destroyed | 2250 | | 1972-06-19 | 2.61mi W | +83.20 ft | 104 |
| 56 | 3310703 | GWS | Lone Star Cement Co | Unused | 2544 | | 1953-01-01 | 2.71mi SE | +33.99 ft | 110 |
| 56 | 3310704 | GWS | Lone Star CementCo | Unused | 2585 | | 1956-01-01 | 2.71mi SE | +33.99 ft | 114 |
| 60 | 3310404 | GWS | City of Dallas | Unused | 1405 | | 1910-01-01 | 2.81mi E | -2.10 ft | 118 |
| 60 | 3310405 | GWS | City of Dallas | Unused | 693 | | 1910-01-01 | 2.81mi E | -2.10 ft | 122 |
| 62 | 3309910 | GWS | Texaco, Inc | Unused | 2485 | | 1923-01-01 | 2.91mi S | +50.39 ft | 126 |
| 64 | 3310401 | GWS | Eastman Kodak | Industrial | 2689 | | 1953-07-06 | 3.03mi NE | +63.52 ft | 130 |
| 65 | 3310506 | GWS | Lone Star Industries | Industrial | 50 | | 1969-01-01 | 3.05mi E | -2.10 ft | 139 |
| 71 | 3309901 | GWS | General Portland Cement | Unused | 1500 | | 1940-01-01 | 3.21mi S | +76.64 ft | 143 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 3309907 | GWS | General Portland Cement | Unused | 1550 | 1908-01-01 | 3.23mi S | +70.08 ft | 147 |
| 73 | 3309510 | GWS | City of Irving Old well #3 | Plugged or Destroyed | 397 | 1924-01-01 | 3.23mi W | +76.64 ft | 151 |
| 75 | 3309503 | GWS | City of Irving Well #1 | Plugged or Destroyed | 2284 | 1945-01-01 | 3.25mi W | +76.64 ft | 158 |
| 78 | 3309801 | GWS | Trinity River Authority | Industrial | 475 | 1973-01-01 | 3.33mi SW | +14.30 ft | 166 |
| 79 | 3310201 | GWS | Coca Cola Co | Irrigation | 1620 | 1956-01-01 | 3.36mi NE | +79.92 ft | 170 |
| 80 | 3309509 | GWS | City of Irving Old well #2 | Plugged or Destroyed | 494 | 1939-01-01 | 3.39mi W | +76.64 ft | 174 |
| 82 | 3310507 | GWS | City of Dallas | Unused | 1423 | 1907-01-01 | 3.42mi E | -11.94 ft | 181 |
| 84 | 3309908 | GWS | General Portland Cement | Industrial | 1514 | 1965-10-13 | 3.44mi S | +158.66 ft | 185 |
| 88 | 3309902 | GWS | General Portland Cement | Unused | 2597 | 1950-01-01 | 3.48mi S | +158.66 ft | 190 |
| 90 | 3309903 | GWS | General Portland Cement | Industrial | 2601 | 1957-01-01 | 3.49mi S | +161.94 ft | 194 |
| 94 | 3309802 | GWS | Gifford Hill and Co | Industrial | 1180 | 1976-01-01 | 3.57mi SW | -2.10 ft | 198 |
| 100 | 3310821 | GWS | Gifford-Hill and Co | Industrial | 830 | 1973-01-01 | 3.83mi SE | +1.18 ft | 203 |
| 108 | 3310706 | GWS | Stevens Plaza Apartmnt | Public Supply | 829 | 1964-01-01 | 3.95mi S | +96.33 ft | 207 |
| 111 | 3310705 | GWS | City of Dallas | Unused | 2634 | 1930-01-01 | 3.96mi S | +66.80 ft | 211 |
| 113 | 3310509 | GWS | City of Dallas | Unused | 2578 | 1911-01-01 | 4.02mi E | -2.10 ft | 216 |
| 113 | 3310508 | GWS | City of Dallas | Unused | 800 | 1911-01-01 | 4.02mi E | -2.10 ft | 220 |
| 113 | 3310510 | GWS | City of Dallas "Gill well" | Unused | 2585 | 1902-01-01 | 4.02mi E | -2.10 ft | 224 |
| 115 | 3310501 | GWS | Dallas Power and Light | Unused | 2735 | 1948-01-01 | 4.06mi E | +1.18 ft | 228 |
| 118 | 3309501 | GWS | City of Irving Old #3 Well | Plugged or Destroyed | 2184 | 1952-01-01 | 4.11mi W | +86.48 ft | 232 |
| 118 | 3309508 | GWS | City of Irving | Plugged or Destroyed | 2170 | 1971-09-09 | 4.11mi W | +86.48 ft | 238 |
| 120 | 3310802 | GWS | Dallas Power and Light | Industrial | 2728 | 1950-01-01 | 4.13mi SE | -8.66 ft | 243 |
| 124 | 3310502 | GWS | Neuhoff Brothers Meats | Industrial | 774 | 1953-01-01 | 4.16mi E | -2.10 ft | 247 |
| 126 | 3318101 | GWS | City of Dallas | Unused | 2652 | | 4.18mi S | +148.82 ft | 251 |
| 127 | 3310503 | GWS | Neuhoff Brothers Meats | Industrial | 770 | 1940-01-01 | 4.22mi E | +4.46 ft | 255 |
| 129 | 3317302 | GWS | Mt. St. Michaels Home | Unused | 1492 | | 4.24mi S | +243.96 ft | 259 |

## Water Well Summary

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 129 | 3317301 | GWS | Mount St. Michaels | Unused | 2667 | 1947-07-04 | 4.24mi S | +243.96 ft | 263 |
| 130 | 3309301 | GWS | Texas Industries Inc | Unused | 490 | 1959-01-01 | 4.24mi N | +20.87 ft | 268 |
| 137 | 3310828 | GWS | Dallas Power and Light | Unused | 570 | 1898-01-01 | 4.40mi E | +1.18 ft | 273 |
| 137 | 3310829 | GWS | Dallas Power and Light | Unused | 1427 | 1907-01-01 | 4.40mi E | +1.18 ft | 277 |
| 139 | 3310831 | GWS | Dallas Power and Light | Unused | 1645 | 1948-01-01 | 4.41mi E | +1.18 ft | 281 |
| 139 | 3310805 | GWS | Dallas Power and Light | Industrial | 2758 | 1948-01-01 | 4.41mi E | +1.18 ft | 285 |
| 140 | 3309201 | GWS | Las Colinas Golf Course | Irrigation | 1202 | 1963-06-01 | 4.42mi NW | +50.39 ft | 289 |
| 141 | 3317303 | GWS | Dallas Co. F.W.D. #1 | Public Supply | 556 | | 4.42mi S | +86.48 ft | 293 |
| 142 | 3310804 | GWS | Dallas Power and Light | Plugged or Destroyed | 1631 | 1924-01-01 | 4.44mi E | +4.46 ft | 297 |
| 146 | 3317205 | GWS | | Domestic | 534 | | 4.48mi SW | +30.71 ft | 301 |
| 148 | 3310815 | GWS | Dallas Concrete Co | Unused | 856 | 1952-01-01 | 4.49mi SE | +7.74 ft | 305 |
| 151 | 3310806 | GWS | Dallas Power and Light | Industrial | 2754 | 1950-01-01 | 4.52mi E | +4.46 ft | 309 |
| 153 | 3301903 | GWS | Technical Chemical Co | Industrial | 523 | 1970-01-01 | 4.53mi N | +17.59 ft | 313 |
| 159 | 3301904 | GWS | Charles S. Peeple | Irrigation | 31 | 1971-01-01 | 4.56mi N | +37.27 ft | 317 |
| 169 | 3310813 | GWS | Liquid Carbonic Co | Unused | 873 | 1956-01-01 | 4.66mi E | +17.59 ft | 321 |
| 170 | 3310814 | GWS | | | | | 4.66mi SE | +17.59 ft | 325 |
| 175 | 3310822 | GWS | City of Dallas | Unused | 2750 | 1924-01-01 | 4.77mi SE | -5.38 ft | 329 |
| 179 | 3310505 | GWS | City of Highland Park | Plugged or Destroyed | 2875 | 1924-01-01 | 4.78mi E | +86.48 ft | 333 |
| 181 | 3310809 | GWS | Dallas County | Unused | 1637 | 1927-01-01 | 4.80mi SE | +20.87 ft | 337 |
| 182 | 3309706 | GWS | Quiet Acres Trailer Park | Unused | 291 | 1968-01-01 | 4.81mi W | +20.87 ft | 341 |
| 183 | 3310504 | GWS | City of Highland Park | Plugged or Destroyed | 2700 | 1913-01-01 | 4.81mi E | +86.48 ft | 345 |
| 184 | 3310808 | GWS | Dallas County | Unused | 740 | 1890-01-01 | 4.84mi SE | +20.87 ft | 350 |
| 188 | 3309202 | GWS | Las Colinas Corp | Irrigation | 1222 | 1974-04-17 | 4.88mi NW | +86.48 ft | 354 |
| 189 | 3310807 | GWS | Union Terminal Co | Unused | 2776 | 1925-01-01 | 4.89mi SE | +14.30 ft | 358 |
| 191 | 3309708 | GWS | Gifford Hill American | Industrial | 450 | 1955-01-01 | 4.91mi SW | +24.15 ft | 363 |
| 193 | 3309711 | GWS | Hanson Presure Pipe Well #2 | Plugged or Destroyed | 950 | 1955-06-08 | 4.92mi SW | +24.15 ft | 367 |

## Water Well Summary

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 33-10-4 | HIST | Andersen Consulting | Industrial | 1240 | 1993-02-01 | 0.86mi NE | +1.18 ft | 371 |
| 4 | 33-09-6 | HIST | D.J. Barbaria | Domestic | 100 | 1988-05-01 | 1.45mi NW | +47.11 ft | 382 |
| 9 | 33-09-6 | HIST | Michael Miesch | Irrigation | 366 | 2002-08-08 | 1.62mi W | +53.67 ft | 385 |
| 10 | 33-09-5X | HIST | Delbert Edwards | Domestic | 50 | 1981-04-07 | 1.67mi W | +43.83 ft | 387 |
| 11 | 33-09-5Z | HIST | Delbert Edwards | Domestic | 40 | 1981-03-30 | 1.67mi W | +47.11 ft | 390 |
| 13 | 33-10-4A | HIST | Marvin McAdams | Domestic | 45 | 1966-04-04 | 1.77mi NE | +40.55 ft | 393 |
| 14 | 33-09-6 | HIST | Frito Lay, Inc. | Industrial | 2300 | 2000-05-01 | 1.84mi W | +66.80 ft | 395 |
| 15 | 33-09-3G | HIST | Paul V. Perrin | Domestic | 550 | 1966-03-02 | 1.84mi NW | +66.80 ft | 409 |
| 17 | 33-09-5N | HIST | R.H. Lorin | Domestic | 42 | 1964-06-16 | 1.99mi NW | +79.92 ft | 411 |
| 20 | 33-09-6A | HIST | Audie Langley | Domestic | 30 | 1969-06-25 | 2.17mi W | +63.52 ft | 413 |
| 21 | 33-10-4B | HIST | Julia Alton Long | Domestic | 48 | 1970-06-12 | 2.17mi NE | +40.55 ft | 415 |
| 26 | 33-09-5F | HIST | J. Dickens | Domestic | 27 | 1974-03-20 | 2.30mi NW | +73.36 ft | 417 |
| 27 | 33-09-5Q | HIST | Lowry C. Loveless | Domestic | 42 | 1969-08-02 | 2.30mi W | +83.20 ft | 419 |
| 29 | 33-09-5M | HIST | Dr. Giles | Domestic | 50 | 1964-05-26 | 2.31mi W | +83.20 ft | 421 |
| 28 | 33-09-5 | HIST | Oak Grove Memorial Gardens | Irrigation | 470 | 2000-09-28 | 2.31mi W | +73.36 ft | 423 |
| 30 | 33-09-5Q | HIST | Glenn Herron | Irrigation | 29 | 1976-04-17 | 2.32mi NW | +70.08 ft | 425 |
| 31 | 33-09-5X | HIST | C.L. Parrish | Domestic | 42 | 1973-06-03 | 2.33mi W | +83.20 ft | 427 |
| 33 | 33-09-5K | HIST | J.C. Kirkpatrick | Irrigation | 46 | 1974-03-15 | 2.35mi W | +86.48 ft | 429 |
| 34 | 33-09-5F | HIST | Lee N. Clark | N/A | 42 | 1969-06-29 | 2.36mi NW | +79.92 ft | 431 |
| 43 | 33-09-5E | HIST | Don Owen | Domestic | 33 | 1969-07-15 | 2.47mi NW | +73.36 ft | 433 |
| 46 | 33-10-7 | HIST | Rev. P.B. Oldham Jr. | Domestic | 40 | 1972-06-20 | 2.53mi SE | -2.10 ft | 435 |
| 48 | 33-09-5S | HIST | Donald W. Adamson | Domestic | 48 | 1970-05-01 | 2.53mi NW | +79.92 ft | 437 |
| 52 | 33-09-5V | HIST | Morris F. Taylor | Irrigation | 40 | 1972-06-01 | 2.59mi W | +86.48 ft | 439 |
| 55 | 33-09-5F | HIST | Alfred Piano | Domestic | 42 | 1969-07-04 | 2.62mi NW | +93.04 ft | 441 |
| 57 | 33-09-3F | HIST | Mrs. W.W. Jones | Domestic | 40 | 1974-02-23 | 2.72mi N | +30.71 ft | 443 |
| 58 | 33-10-4 | HIST | J.D. Brown | Domestic | 40 | 1971-11-03 | 2.77mi NE | +60.24 ft | 445 |
| 59 | 33-09-5T | HIST | Fred W. Miller | Irrigation | 35 | 1971-05-01 | 2.79mi NW | +86.48 ft | 447 |

## Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 61 | 33-09-8 | HIST | Jack Yates | Irrigation | 48 | 2000-01-19 | 2.84mi W | +89.76 ft | 449 |
| 66 | 33-09-5S | HIST | Yong Ho Pak | Irrigation | 402 | 1978-12-08 | 3.10mi W | +86.48 ft | 451 |
| 67 | 33-09-5U | HIST | Lucy C. McGee | Irrigation | 32 | 1971-06-01 | 3.14mi W | +70.08 ft | 454 |
| 69 | 33-09-3A | HIST | E. E. Riney | Domestic | 50 | 1966-05-17 | 3.18mi N | +24.15 ft | 456 |
| 74 | 33-10-7B | HIST | Southwest Ind. Gas Inc. | Irrigation | 54 | 1978-02-12 | 3.24mi S | +109.45 ft | 458 |
| 76 | 33-09-8B | HIST | Ray K. Neal | Domestic | 30 | 1972-11-06 | 3.26mi SW | +11.02 ft | 460 |
| 77 | 33-09-3 | HIST | John Richardson | Irrigation | 410 | 1997-09-08 | 3.30mi N | +30.71 ft | 462 |
| 85 | 33-09-5 | HIST | Don Richter | Irrigation | 60 | 1993-06-28 | 3.45mi W | +60.24 ft | 464 |
| 86 | 32-16-6S | HIST | D.J. Richter | Irrigation | 45 | 1970-08-01 | 3.46mi W | +60.24 ft | 467 |
| 87 | 33-09-5D | HIST | C.A. Phillips | Domestic | 50 | 1969-08-06 | 3.46mi W | +60.24 ft | 469 |
| 91 | 33-09-5R | HIST | T.O. Pritchett | Domestic | 50 | 1970-05-01 | 3.50mi W | +63.52 ft | 471 |
| 92 | 33-09-5 | HIST | Jerry Thorn | Domestic | 60 | 1988-10-07 | 3.51mi W | +60.24 ft | 473 |
| 93 | 33-09-5 | HIST | Clay Gilbert | Irrigation | 63 | 1995-08-21 | 3.53mi W | +73.36 ft | 476 |
| 97 | 33-09-5Y | HIST | W.H. Covington | Domestic | 57 | 1981-04-01 | 3.61mi W | +66.80 ft | 478 |
| 99 | 33-09-5G | HIST | Bill Harris | Irrigation | 31 | 1972-04-01 | 3.65mi W | +63.52 ft | 481 |
| 106 | 33-09-5P | HIST | C.R. Niford | N/A | 60 | 1968-06-15 | 3.91mi W | +70.08 ft | 483 |
| 107 | 33-09-3E | HIST | Winston White | Domestic | 230 | 1965-03-01 | 3.94mi N | +20.87 ft | 485 |
| 109 | 33-09-3E | HIST | Holloway Const. Co. #1 | Other | 402 | 1973-09-30 | 3.95mi N | +20.87 ft | 487 |
| 110 | 33-09-8 | HIST | Arthur Broyles | Domestic | 410 | 1986-09-01 | 3.96mi SW | +17.59 ft | 489 |
| 114 | 33-09-8A | HIST | Herman H. Plattner | Domestic | 450 | 1966-11-14 | 4.05mi SW | +17.59 ft | 492 |
| 119 | 33-09-3B | HIST | A.J. Airoldi | Industrial | 20 | 1966-05-31 | 4.11mi N | +17.59 ft | 495 |
| 123 | 33-09-9 | HIST | Dallas Calco Inc. | Irrigation | 705 | 1990-05-01 | 4.15mi S | +112.73 ft | 497 |
| 125 | 33-09-4 | HIST | Riaz Hassain | N/A | 40 | 2003-12-18 | 4.17mi W | +70.08 ft | 500 |
| 143 | 33-09-4F | HIST | F.D. Gilbreath | Domestic | 48 | 1969-03-10 | 4.44mi W | +60.24 ft | 502 |
| 144 | 33-10-1A | HIST | Chas Tucker | Domestic | 41 | 1980-08-04 | 4.45mi NE | +86.48 ft | 504 |
| 145 | 33-09-3C | HIST | Technical Chemical Co. | Industrial | 523 | 1970-06-09 | 4.45mi N | +17.59 ft | 507 |
| 147 | 33-09-7C | HIST | Jack Gazin | Domestic | 315 | 1966-07-18 | 4.48mi W | +27.43 ft | 509 |
| 149 | 33-09-4J | HIST | F.C. Warming | N/A | 50 | 1970-05-01 | 4.51mi W | +66.80 ft | 511 |
| 152 | 33-01-9C | HIST | Forest Lawn Cemetary | Irrigation | 40 | 1974-03-30 | 4.52mi N | +37.27 ft | 513 |
| 154 | 33-01-9A | HIST | Forest Lawn Cemetary | Irrigation | | | 4.53mi N | +37.27 ft | 515 |
| 155 | 33-01-9A | HIST | Forest Lawn Cemetary | Domestic | 40 | 1963-05-23 | 4.53mi N | +37.27 ft | 517 |

## Water Well Summary

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 156 | 33-09-1D | HIST | Harvy Oaks | Domestic | 50 | 1981-04-03 | 4.53mi NW | +112.73 ft | 519 |
| 158 | 33-09-3H | HIST | Charles S. Peeple | Irrigation | 31 | 1971-04-01 | 4.53mi N | +37.27 ft | 522 |
| 160 | 33-09-6 | HIST | Rex Faulkner | Irrigation | 295 | 1994-01-28 | 4.57mi W | +73.36 ft | 524 |
| 161 | 33-09-4K | HIST | Carroll McNeal | Irrigation | 33 | 1971-06-01 | 4.59mi W | +93.04 ft | 527 |
| 163 | 33-09-2E | HIST | Ray Glover | Domestic | 350 | 1980-06-05 | 4.62mi NW | +99.61 ft | 529 |
| 164 | 33-17-2B | HIST | Ben Parks | Domestic | 464 | 1970-03-30 | 4.63mi SW | +60.24 ft | 532 |
| 165 | 33-17-2B | HIST | Hill Pet Shop | N/A | 534 | 1969-03-01 | 4.63mi SW | +60.24 ft | 535 |
| 166 | 33-09-8 | HIST | Marie Mims | Domestic | 515 | 1986-05-01 | 4.63mi SW | +20.87 ft | 537 |
| 167 | 33-09-8 | HIST | Marie Mims | Domestic | 506 | 1986-04-01 | 4.63mi SW | +20.87 ft | 540 |
| 172 | 33-17-3A | HIST | Texas Auto Salvage | Domestic | 50 | 1972-12-22 | 4.71mi S | +184.91 ft | 543 |
| 174 | 33-01-9B | HIST | C.W. Cave | Domestic | 38 | 1966-05-31 | 4.73mi N | +53.67 ft | 545 |
| 176 | 33-09-7D | HIST | C.B. Drinnan | Domestic | 220 | 1967-09-18 | 4.77mi SW | +17.59 ft | 547 |
| 177 | 33-09-2C | HIST | Jim Haynes | Domestic | 50 | 1976-11-12 | 4.78mi NW | +129.13 ft | 550 |
| 178 | 33-17-2C | HIST | Cecil Farris | Domestic | 60 | 1980-09-17 | 4.78mi SW | +24.15 ft | 552 |
| 180 | 33-01-8E | HIST | Joe Canterbury | Domestic | 420 | 1978-05-01 | 4.79mi N | +17.59 ft | 555 |
| 185 | 33-09-2A | HIST | J.E. Miller | Other | 391 | 1965-12-07 | 4.86mi NW | +76.64 ft | 558 |
| 187 | 33-09-4L | HIST | Robert U. Trocke | Irrigation | 16 | 1976-08-20 | 4.87mi W | +30.71 ft | 560 |
| 190 | 33-09-7 | HIST | Westland Corp. | Domestic | 420 | 1986-09-01 | 4.90mi W | +24.15 ft | 562 |
| 24 | S0570078A | PWS | DALLAS COUNTY PARK CITIES MUD | Public Supply | | | 2.21mi N | +1.18 ft | 565 |
| 32 | S0570004C | PWS | DALLAS WATER UTILITY | Public Supply | | | 2.35mi N | +1.18 ft | 566 |
| 51 | G0570050A | PWS | CITY OF IRVING | Public Supply | 2250 | 1972-07-07 | 2.59mi W | +83.20 ft | 567 |
| 117 | G0570050B | PWS | CITY OF IRVING | Public Supply | 2170 | 1971-09-29 | 4.09mi W | +89.76 ft | 568 |
| 168 | G0570180A | PWS | TEXAS SPORTS COMPLEX | Public Supply | | | 4.65mi SW | +20.87 ft | 569 |
| 192 | G0570166B | PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | Public Supply | 950 | 1955-06-08 | 4.92mi SW | +24.15 ft | 570 |

## Water Well Summary

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 194 | G0570166D | PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | Public Supply | 450 | | 2020-12-29 | 4.93mi SW | +24.15 ft | 571 |
| 196 | G0570050C | PWS | CITY OF IRVING | Public Supply | 2117 | | 1972-01-06 | 4.96mi W | +83.20 ft | 572 |
| 3 | 151902 | SDR | Comerica Bank | Industrial | 750 | 279 | 2008-08-25 | 1.43mi NE | +4.46 ft | 573 |
| 19 | 631383 | SDR | Pediatric Health Management Services | Other | 62 | 27 | 2022-12-14 | 2.11mi E | +43.83 ft | 576 |
| 22 | 537668 | SDR | DWU | Other | 60 | 19 | 2020-01-14 | 2.18mi E | +20.87 ft | 580 |
| 23 | 537670 | SDR | DWU | Other | 40 | 28 | 2020-01-13 | 2.20mi N | +17.59 ft | 583 |
| 25 | 631385 | SDR | Pediatric Health Management Services | Other | 67 | 48 | 2022-12-18 | 2.25mi NE | +47.11 ft | 586 |
| 36 | 631389 | SDR | Pediatric Health Management Services | Other | 42 | 18 | 2022-12-12 | 2.37mi NE | +40.55 ft | 590 |
| 39 | 539409 | SDR | SINGLETON VENTURES | Other | 5 | | 2020-02-06 | 2.39mi S | +20.87 ft | 594 |
| 42 | 131008 | SDR | Bischofhausen, Richard | Domestic | 160 | 160 | 2007-10-30 | 2.46mi W | +76.64 ft | 597 |
| 47 | 427902 | SDR | UT Southwestern Medical Center | Other | 40 | 29 | 2016-07-01 | 2.53mi E | +37.27 ft | 600 |
| 49 | 427911 | SDR | UT Southwestern Medical Center | Other | 64 | 42 | 2016-07-05 | 2.55mi E | +47.11 ft | 603 |
| 63 | 439600 | SDR | Anchor Construction | Irrigation | 860 | 519 | 2016-12-13 | 3.01mi S | +125.85 ft | 607 |
| 68 | 537666 | SDR | DWU | Other | 35 | 16 | 2020-01-13 | 3.17mi N | +14.30 ft | 611 |
| 70 | 526252 | SDR | City Of Irving Landfill | Other | 8 | | 2019-10-31 | 3.21mi SW | +11.02 ft | 614 |
| 81 | 526255 | SDR | City Of Irving Landfill | Other | 5 | | 2019-10-31 | 3.40mi SW | +17.59 ft | 617 |
| 83 | 526253 | SDR | City Of Irving Landfill | Other | 8 | | 2019-10-31 | 3.43mi SW | +14.30 ft | 620 |
| 89 | 644583 | SDR | Trinity River Authority | Other | 50 | | 2023-07-25 | 3.49mi NW | +7.74 ft | 623 |
| 95 | 408668 | SDR | Feizy Properties, Ltd | Extraction | 61 | | 2015-11-05 | 3.59mi E | -5.38 ft | 626 |
| 96 | 87297 | SDR | INSURANCE DESIGN | Domestic | 100 | | 2004-05-29 | 3.60mi NW | +122.57 ft | 629 |
| 98 | 408669 | SDR | Feizy Properties, Ltd | Extraction | 62 | | 2015-11-05 | 3.62mi E | -5.38 ft | 632 |
| 101 | 644584 | SDR | Trinity River Authority | Other | 80 | | 2023-07-26 | 3.86mi NW | +11.02 ft | 635 |

## Water Well Summary

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 102 | 218951 | SDR | Wesley Dawson | Irrigation | 400 | 215 | 2010-05-21 | 3.87mi W | +83.20 ft | 638 |
| 103 | 526260 | SDR | City Of Irving Landfill | Other | 4 | | 2019-10-31 | 3.88mi W | +17.59 ft | 642 |
| 104 | 166253 | SDR | CH WOODLA WN, L.P. | Irrigation | 1040 | | 2008-07-10 | 3.88mi E | +50.39 ft | 645 |
| 105 | 526262 | SDR | City Of Irving Landfill | Other | 6 | | 2019-10-31 | 3.89mi W | +17.59 ft | 648 |
| 112 | 433878 | SDR | Taylor Farms | Public Supply | 760 | 350 | 2016-09-30 | 3.98mi S | +224.28 ft | 651 |
| 116 | 485979 | SDR | Calvary Hill Cemetary | Irrigation | 1520 | 1000 | 2018-06-20 | 4.06mi N | +66.80 ft | 654 |
| 121 | 459943 | SDR | Mr. Elliot | Irrigation | 700 | | 2017-04-21 | 4.14mi NE | +73.36 ft | 658 |
| 122 | 474889 | SDR | Trademark Property Company | Other | 30 | 27 | 2018-02-08 | 4.14mi SE | -8.66 ft | 661 |
| 128 | 474892 | SDR | Trademark Property Company | Other | 30 | 24 | 2018-02-08 | 4.23mi SE | -8.66 ft | 664 |
| 131 | 474894 | SDR | Trademark Property Company | Other | 30 | 17 | 2018-02-08 | 4.25mi SE | -8.66 ft | 667 |
| 132 | 529884 | SDR | City of Irving | Other | 22 | 14 | 2019-12-06 | 4.27mi NW | +17.59 ft | 670 |
| 133 | 582111 | SDR | City of Irving | Other | 50 | 22 | 2021-07-15 | 4.30mi NW | +20.87 ft | 673 |
| 134 | 321898 | SDR | Courtyard of roses | Irrigation | 505 | 240 | 2013-06-07 | 4.32mi NW | +129.13 ft | 677 |
| 135 | 482125 | SDR | Trademark Property Company | Other | 30 | 20 | 2018-04-18 | 4.35mi SE | -8.66 ft | 680 |
| 135 | 474896 | SDR | Trademark Property Company | Other | 30 | | 2018-02-08 | 4.35mi SE | -8.66 ft | 683 |
| 135 | 482126 | SDR | Trademark Property Company | Other | 30 | 16 | 2018-04-18 | 4.35mi SE | -8.66 ft | 686 |
| 136 | 541397 | SDR | ECS Southwest LLP | Other | 60 | | 2020-04-17 | 4.37mi E | +70.08 ft | 689 |
| 136 | 541396 | SDR | ECS Southwest LLP | Other | 60 | | 2020-04-14 | 4.37mi E | +70.08 ft | 692 |
| 138 | 373525 | SDR | Jason Achterbury | Domestic | 408 | 140 | 2014-07-15 | 4.40mi N | +70.08 ft | 695 |
| 150 | 118674 | SDR | Don Harper | Irrigation | 500 | | 2007-04-20 | 4.52mi NW | +112.73 ft | 698 |
| 157 | 582109 | SDR | City of Irving | Other | 50 | 25 | 2021-07-15 | 4.53mi NW | +20.87 ft | 702 |
| 162 | 529882 | SDR | City of Irving | Other | 22 | | 2019-12-06 | 4.60mi NW | +14.30 ft | 706 |
| 171 | 569643 | SDR | Yello Belly Drag Trip | Irrigation | 500 | | 2021-01-28 | 4.67mi SW | +20.87 ft | 709 |

## Water Well Summary

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 173 | 255992 | SDR | Dallas National Golf Club | Irrigation | 2440 | 656 | 2011-01-18 | 4.71mi S | +109.45 ft | 713 |
| 186 | 628832 | SDR | Ring | Irrigation | 1798 | | 2022-10-21 | 4.86mi E | +93.04 ft | 717 |
| 194 | 571545 | SDR | Thompson Pipe Group | Public Supply | 450 | 185 | 2020-12-29 | 4.93mi SW | +24.15 ft | 720 |
| 195 | 1873 | SDR | Deavers Construction L.P. | Industrial | 458 | 158 | 2001-06-26 | 4.93mi SW | +24.15 ft | 724 |
| 197 | 544914 | SDR | Stonelake Capitsl Partners | Other | 70 | | 2020-05-18 | 4.97mi E | +50.39 ft | 727 |

# End of Water Well Summary

| Map ID | Source ID | Dataset | Name on Log | Proposed Use | Completed | Total Depth | Current Owner | Mail Address | Mail City | Mail State | Mail Zip |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3310406 | GWS | Andersen Consulting | Plugged or Destroyed | 12/1/1993 | 1366 | DATABANK PROPERTIES LLC | 400 S AKARD ST STE 100 | DALLAS | TEXAS | 75202-5326 |
| 2 | 33-10-4 | HIST | Andersen Consulting | Industrial | 2/1/1993 | 1240 | DATABANK PROPERTIES LLC | 400 S AKARD ST STE 100 | DALLAS | TEXAS | 75202-5326 |
| 3 | 151902 | SDR | Comerica Bank | Industrial | 8/25/2008 | 750 | 1508 MOCKINGBIRD 2015 LP % LEON J BACKES | 10210 N CENTRAL EXPY # 300 | DALLAS | TEXAS | 75231-3470 |
| 4 | 33-09-6 | HIST | D.J. Barbaria | Domestic | 5/1/1988 | 100 | TTX INC | PO BOX 188 | TONTITOWN | ARKANSAS | 72770-0188 |
| 5 | 3309906 | GWS | INdependent Water | Unused | 1/1/1947 | 787 | MUNOZ FREDDIE | 3713 WEISENBERGER DR | DALLAS | TEXAS | 75212-2126 |
| 6 | 3309601 | GWS | Petrocarbon Chemical Inc | Unused | 1/1/1957 | 443 | TEXAS UTILITIES ELEC CO % STATE & LOCAL TAX DEPT | PO BOX 139100 | DALLAS | TEXAS | 75313-9100 |
| 7 | 3309905 | GWS | Independent Water Co | Unused | 1/1/1946 | 728 | MOWERY VERA J | 4707 BERNAL DR | DALLAS | TEXAS | 75212-2104 |
| 8 | 3309904 | GWS | Independent Water Co | Unused | 1/1/1950 | 1325 | MOWERY VERA J | 4707 BERNAL DR | DALLAS | TEXAS | 75212-2104 |
| 9 | 33-09-6 | HIST | Michael Miesch | Irrigation | 8/8/2002 | 366 | MIESCH MICHAEL D JR | 415 S WILDWOOD DR | IRVING | TEXAS | 75060-3358 |
| 10 | 33-09-5X | HIST | Delbert Edwards | Domestic | 4/7/1981 | 50 | SALAZAR HECTOR & TAMMY | 1936 EDGEWOOD DR | IRVING | TEXAS | 75060-4684 |
| 11 | 33-09-5Z | HIST | Delbert Edwards | Domestic | 3/30/1981 | 40 | SALAZAR HECTOR & TAMMY | 1936 EDGEWOOD DR | IRVING | TEXAS | 75060-4684 |
| 12 | 3309502 | GWS | City of Irving Well #5 | Plugged or Destroyed | 1/1/1953 | 2309 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 13 | 33-10-4A | HIST | Marvin McAdams | Domestic | 4/4/1966 | 45 | PARWELK PPTIES LLC | 7306 PARWELK ST | DALLAS | TEXAS | 75235-4020 |
| 14 | 33-09-6 | HIST | Frito Lay, Inc. | Industrial | 5/1/2000 | 2300 | FRITO LAY INC TAX DEPT | PO BOX 660634 | DALLAS | TEXAS | 75266-0634 |
| 15 | 33-09-3G | HIST | Paul V. Perrin | Domestic | 3/2/1966 | 550 | PERRIN STEVEN PAUL & PERRIN JONATHAN PAUL | 2440 COMANO DR | IRVING | TEXAS | 75061-3308 |
| 16 | 3310101 | GWS | Dallas County Park Cities Water | Unused | 1/1/1953 | 2400 | DALLAS CO PARK CITIES WATER CONTROL & IMPT 2 | 1811 REGAL ROW # 2 | DALLAS | TEXAS | 75235-2301 |
| 17 | 33-09-5N | HIST | R.H. Lorin | Domestic | 6/16/1964 | 42 | SARILES GILBERT & SARILES MIRIAM | 1223 DARR ST | IRVING | TEXAS | 75061-5503 |
| 18 | 3309506 | GWS | George Foster | Unused | 1/1/1950 | 325 | KINGSTON FAMILY TRUST THE | 726 N IRVING HEIGHTS DR | IRVING | TEXAS | 75061-7937 |
| 19 | 631383 | SDR | Pediatric Health Management Services | Other | 12/14/2022 | 62 | BOARD OF REG OF UNIV OF TX SYSTEM % REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 20 | 33-09-6A | HIST | Audie Langley | Domestic | 6/25/1969 | 30 | SANCHEZ GABRIEL & MENDOZA MARGARITA T | 1021 BROOKHOLLOW DR | IRVING | TEXAS | 75061-5513 |
| 21 | 33-10-4B | HIST | Julia Alton Long | Domestic | 6/12/1970 | 48 | ARANDA MARGARITO | 2243 MAIL AVE | DALLAS | TEXAS | 75235-3512 |
| 22 | 537668 | SDR | DWU | Other | 1/14/2020 | 60 | BOARD OF REG OF UNIV OF TX SYSTEM & REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 23 | 537670 | SDR | DWU | Other | 1/13/2020 | 40 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 24 | S0570078A | PWS | DALLAS COUNTY PARK CITIES MUD | Public Supply | | | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 25 | 631385 | SDR | Pediatric Health Management Services | Other | 12/18/2022 | 67 | BOARD OF REG OF UNIV OF TX SYSTEM % REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 26 | 33-09-5F | HIST | J. Dickens | Domestic | 3/20/1974 | 27 | DAVIS JOSEPH | PO BOX 177363 | IRVING | TEXAS | 75017-7363 |
| 27 | 33-09-5Q | HIST | Lowry C. Loveless | Domestic | 8/2/1969 | 42 | HART CHARLES W | 1422 BEN DR | IRVING | TEXAS | 75061-7816 |
| 28 | 33-09-5 | HIST | Oak Grove Memorial Gardens | Irrigation | 9/28/2000 | 470 | OAK GROVE MEMORIAL PARK | 1413 E IRVING BLVD | IRVING | TEXAS | 75060-4308 |
| 29 | 33-09-5M | HIST | Dr. Giles | Domestic | 5/26/1964 | 50 | SANTOS JESSE & MARINA | 1111 N IRVING HEIGHTS DR | IRVING | TEXAS | 75061-5440 |
| 30 | 33-09-5Q | HIST | Glenn Herron | Irrigation | 4/17/1976 | 29 | HEILMAN RICHARD & DONNA | 1302 N IRVING HEIGHTS DR | IRVING | TEXAS | 75061-5445 |
| 31 | 33-09-5X | HIST | C.L. Parrish | Domestic | 6/3/1973 | 42 | SANTOS JESSE & MARINA | 1111 N IRVING HEIGHTS DR | IRVING | TEXAS | 75061-5440 |
| 32 | S0570004C | PWS | DALLAS WATER UTILITY | Public Supply | | | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 33 | 33-09-5K | HIST | J.C. Kirkpatrick | Irrigation | 3/15/1974 | 46 | GALINDO CESAR L & ALEJANDRA STEFANY | 1330 DREXEL DR | IRVING | TEXAS | 75061-8604 |
| 34 | 33-09-5F | HIST | Lee N. Clark | N/A | 6/29/1969 | 42 | CLARY ROBERT A & JANET M | 1215 N IRVING HEIGHTS DR | IRVING | TEXAS | 75061-5442 |
| 35 | 3310702 | GWS | GAF Corp | Industrial | 1/1/1953 | 2525 | BUILDING MATERIALS CORP OF AMERICA | 1361 ALPS RD | WAYNE | NEW JERSEY | 074703700 |
| 36 | 631389 | SDR | Pediatric Health Management Services | Other | 12/12/2022 | 42 | BOARD OF REG OF UNIV OF TX SYSTEM % REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 37 | 3310402 | GWS | Exchange Park Utilities | Industrial | 1/1/1956 | 1527 | BOARD OF REG OF UNIV OF TX SYSTEM % REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 38 | 3309911 | GWS | Texaco Inc | Unused | 1/1/1929 | 1392 | BREIT INDUSTIAL CANYON TX1M14 LLC %LINK LOGISTICS | PO BOX 2980 | CHICAGO | ILLINOIS | 60690-2980 |
| 39 | 539409 | SDR | SINGLETON VENTURES | Other | 2/6/2020 | 5 | BCIF OAKDALE LOGISTICS CENTER LLC | 518 17TH ST # 17 | DENVER | COLORADO | 80202-4130 |
| 40 | 3310701 | GWS | City of Dallas | Unused | 1/1/1952 | 2564 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 41 | 3309512 | GWS | C.E. Fann | Industrial | 1/1/1966 | 505 | JJEMMA LLC | 1502 E IRVING BLVD | IRVING | TEXAS | 75060-4412 |
| 42 | 131008 | SDR | Bischofhausen, Richard | Domestic | 10/30/2007 | 160 | HATFIELD JASON A | 408 MALTBY RD | IRVING | TEXAS | 75061-7827 |
| 43 | 33-09-5E | HIST | Don Owen | Domestic | 7/15/1969 | 33 | HOLST DEBORA CECILE | 1338 OWEN DR | IRVING | TEXAS | 75061-5422 |
| 44 | 3309909 | GWS | Texaco, Inc | Unused | 1/1/1913 | 2373 | BCO TURNPIKE DISTRIBUTION % HENRY BILLINGSLEY STE 1100 | 4100 INTERNATIONAL PKWY | CARROLLTON | TEXAS | 75007-1971 |
| 45 | 3310102 | GWS | City of Dallas | Unused | 1/1/1910 | 1527 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 45 | 3310103 | GWS | City of Dallas | Unused | 1/1/1910 | 542 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 46 | 33-10-7 | HIST | Rev. P.B. Oldham Jr. | Domestic | 6/20/1972 | 40 | HADNOT EDWARD C & CHARLOTTE M | PO BOX 224951 | DALLAS | TEXAS | 75222-4951 |
| 47 | 427902 | SDR | UT Southwestern Medical Center | Other | 7/1/2016 | 40 | BOARD OF REG OF UNIV OF TX SYSTEM % REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 48 | 33-09-5S | HIST | Donald W. Adamson | Domestic | 5/1/1970 | 48 | ADAMSON JOSEPH WADE | 1221 BROOKHURST ST | IRVING | TEXAS | 75061-5406 |
| 49 | 427911 | SDR | UT Southwestern Medical Center | Other | 7/5/2016 | 64 | BOARD OF REG OF UNIV OF TX SYSTEM % REAL ESTATE OFFICE | 210 W 7TH ST | AUSTIN | TEXAS | 78701-2903 |
| 50 | 3309511 | GWS | Shady Oaks Trailer Park | Public Supply | 1/1/1969 | 405 | KJL LINTEX LLC %KAYLA LINDAMOOD | 2020 S NURSERY RD | IRVING | TEXAS | 75060-7031 |

| Map ID | Source ID | Dataset | Name on Log | Proposed Use | Completed | Total Depth | Current Owner | Mail Address | Mail City | Mail State | Mail Zip |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | G0570050A | PWS | CITY OF IRVING | Public Supply | 7/7/1972 | 2250 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 52 | 33-09-5V | HIST | Morris F. Taylor | Irrigation | 6/1/1972 | 40 | GOAD JOHN R JR | 1106 E UNION BOWER RD | IRVING | TEXAS | 75061-5428 |
| 53 | 3309504 | GWS | City of Irving Well #2 | Plugged or Destroyed | 1/1/1948 | 2267 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 54 | 3309507 | GWS | City of Irving | Plugged or Destroyed | 6/19/1972 | 2250 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 55 | 33-09-5F | HIST | Alfred Piano | Domestic | 7/4/1969 | 42 | MARAVI WALTER | 1415 DORY LN | IRVING | TEXAS | 75061-5141 |
| 56 | 3310704 | GWS | Lone Star CementCo | Unused | 1/1/1956 | 2585 | BCORE JUPITER TX LLC % LINK LOGISTICS | PO BOX 2980 | CHICAGO | ILLINOIS | 60690-2980 |
| 56 | 3310703 | GWS | Lone Star Cement Co | Unused | 1/1/1953 | 2544 | BCORE JUPITER TX LLC % LINK LOGISTICS | PO BOX 2980 | CHICAGO | ILLINOIS | 60690-2980 |
| 57 | 33-09-3F | HIST | Mrs. W.W. Jones | Domestic | 2/23/1974 | 40 | DART MB 7230 | PO BOX 660163 | DALLAS | TEXAS | 75266-0163 |
| 58 | 33-10-4 | HIST | J.D. Brown | Domestic | 11/3/1971 | 40 | VICEROY DELIVERY LP | 2722 FAIRMOUNT ST | DALLAS | TEXAS | 75201-1958 |
| 59 | 33-09-5T | HIST | Fred W. Miller | Irrigation | 5/1/1971 | 35 | TANNA VISHAL | 1412 MILNER RD | IRVING | TEXAS | 75061-5243 |
| 60 | 3310404 | GWS | City of Dallas | Unused | 1/1/1910 | 1405 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 60 | 3310405 | GWS | City of Dallas | Unused | 1/1/1910 | 693 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 61 | 33-09-8 | HIST | Jack Yates | Irrigation | 1/19/2000 | 48 | YATES JOAN L | 1207 HOLLY ST | IRVING | TEXAS | 75061-5362 |
| 62 | 3309910 | GWS | Texaco, Inc | Unused | 1/1/1923 | 2485 | LMC CANYON HOLDINGS LLC % LENNAR MULTIFAMILY COMMUNITIES LLC | 500 N AKARD ST STE 3400 | DALLAS | TEXAS | 75201-6640 |
| 63 | 439600 | SDR | Anchor Construction | Irrigation | 12/13/2016 | 860 | U S POSTAL SERVICE | PO BOX 667180 | DALLAS | TEXAS | 75266-7180 |
| 64 | 3310401 | GWS | Eastman Kodak | Industrial | 7/6/1953 | 2689 | CEDAR SPRINGS INV LLC %BUSINESS RESOURCES CORP | 3232 LOVE FIELD DR | DALLAS | TEXAS | 75235-2002 |
| 65 | 3310506 | GWS | Lone Star Industries | Industrial | 1/1/1969 | 50 | JMDH REALESTATE OF DALLAS %BRIAN E EMMERT | 1710 WHITESTONE EXPY | WHITESTONE | NEW YORK | 11357-3054 |
| 66 | 33-09-5S | HIST | Yong Ho Pak | Irrigation | 12/8/1978 | 402 | IGLESIA EVANGELICA ROSA DE SARON | 908 N BRITAIN RD | IRVING | TEXAS | 75061-4844 |
| 67 | 33-09-5U | HIST | Lucy C. McGee | Irrigation | 6/1/1971 | 32 | HERNANDEZ JOSEPH EDWARD | 700 S DELAWARE ST | IRVING | TEXAS | 75060-5347 |
| 68 | 537666 | SDR | DWU | Other | 1/13/2020 | 35 | NWH LAND LP %TAX DEPARTMENT | 1300 TEXAN TRL | GRAPEVINE | TEXAS | 76051-4197 |
| 69 | 33-09-3A | HIST | E. E. Riney | Domestic | 5/17/1966 | 50 | FAIRDALE DEVELOPMENT CORP | PO BOX 93298 | SOUTHLAKE | TEXAS | 76092-0112 |
| 70 | 526252 | SDR | City Of Irving Landfill | Other | 10/31/2019 | 8 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 71 | 3309901 | GWS | General Portland Cement | Unused | 1/1/1940 | 1500 | TORCHPASS PROPERTIES LLC | 1441 N COCKRELL HILL RD | DALLAS | TEXAS | 75211-1303 |
| 72 | 3309907 | GWS | General Portland Cement | Unused | 1/1/1908 | 1550 | WALMART REAL ESTATE % WAL-MART PPTY TAX DEPT | PO BOX 8050 | BENTONVILLE | ARKANSAS | 72712-8055 |
| 73 | 3309510 | GWS | City of Irving Old well #3 | Plugged or Destroyed | 1/1/1924 | 397 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 74 | 33-10-7B | HIST | Southwest Ind. Gas Inc. | Irrigation | 2/12/1978 | 54 | U S POSTAL SERVICE | PO BOX 667180 | DALLAS | TEXAS | 75266-7180 |
| 75 | 3309503 | GWS | City of Irving Well #1 | Plugged or Destroyed | 1/1/1945 | 2284 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 76 | 33-09-8B | HIST | Ray K. Neal | Domestic | 11/6/1972 | 30 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 77 | 33-09-3 | HIST | John Richardson | Irrigation | 9/8/1997 | 410 | SAWMILL PARTNERS LLC | 7557 RAMBLER RD STE 1020 | DALLAS | TEXAS | 75231-2385 |
| 78 | 3309801 | GWS | Trinity River Authority | Industrial | 1/1/1973 | 475 | TRINITY RIVER AUTHORITY | PO BOX 60 | ARLINGTON | TEXAS | 76004-0060 |
| 79 | 3310201 | GWS | Coca Cola Co | Irrigation | 1/1/1956 | 1620 | COCA COLA CO THE | PO BOX 1734 | ATLANTA | GEORGIA | 30301-1734 |
| 80 | 3309509 | GWS | City of Irving Old well #2 | Plugged or Destroyed | 1/1/1939 | 494 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 81 | 526255 | SDR | City Of Irving Landfill | Other | 10/31/2019 | 5.3 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 82 | 3310507 | GWS | City of Dallas | Unused | 1/1/1907 | 1423 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 83 | 526253 | SDR | City Of Irving Landfill | Other | 10/31/2019 | 8 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 84 | 3309908 | GWS | General Portland Cement | Industrial | 10/13/1965 | 1514 | 374 PINNACLE OWNER LP % COHEN ASSET MANGMT INC | 1900 AVENUE OF THE STARS STE 320 | LOS ANGELES | CALIFORNIA | 90067-4305 |
| 85 | 33-09-5 | HIST | Don Richter | Irrigation | 6/28/1993 | 60 | CASTILLO JORGE LUIS MEDRANO & ALONDRA LIZETH H BRISENO | 1508 UPTON PL | IRVING | TEXAS | 75060-6805 |
| 86 | 32-16-6S | HIST | D.J. Richter | Irrigation | 8/1/1970 | 45 | CASTILLO JORGE LUIS MEDRANO & ALONDRA LIZETH H BRISENO | 1508 UPTON PL | IRVING | TEXAS | 75060-6805 |
| 87 | 33-09-5D | HIST | C.A. Phillips | Domestic | 8/6/1969 | 50 | BELLA INVESTMENTS LLC | 508 CREST RIDGE DR | IRVING | TEXAS | 75061-9106 |
| 88 | 3309902 | GWS | General Portland Cement | Unused | 1/1/1950 | 2597 | 374 PINNACLE OWNER LP % COHEN ASSET MANGMT INC | 1900 AVENUE OF THE STARS STE 320 | LOS ANGELES | CALIFORNIA | 90067-4305 |
| 89 | 644583 | SDR | Trinity River Authority | Other | 7/25/2023 | 50 | CREC | 3550 CISTERCIAN RD | IRVING | TEXAS | 75039-4500 |
| 90 | 3309903 | GWS | General Portland Cement | Industrial | 1/1/1957 | 2601 | 374 PINNACLE OWNER LP % COHEN ASSET MANGMT INC | 1900 AVENUE OF THE STARS STE 320 | LOS ANGELES | CALIFORNIA | 90067-4305 |
| 91 | 33-09-5R | HIST | T.O. Pritchett | Domestic | 5/1/1970 | 50 | DUGGINS KAREN ANN & PATTERSON JERRY ALAN | 1501 UPTON PL | IRVING | TEXAS | 75060-6806 |
| 92 | 33-09-5 | HIST | Jerry Thorn | Domestic | 10/7/1988 | 60 | THORN REBA J | 1613 UPTON PL | IRVING | TEXAS | 75060-6808 |
| 93 | 33-09-5 | HIST | Clay Gilbert | Irrigation | 8/21/1995 | 63 | GILBERT CLAY W EST OF | 309 S O CONNOR RD | IRVING | TEXAS | 75060-2949 |
| 94 | 3309802 | GWS | Gifford Hill and Co | Industrial | 1/1/1976 | 1180 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 95 | 408668 | SDR | Feizy Properties, Ltd | Extraction | 11/5/2015 | 61 | URBY DALLAS FEE OWNER LP ATTN BARBARA OIF STACK | 50 WASHINGTON ST | HOBOKEN | NEW JERSEY | 070304506 |
| 96 | 87297 | SDR | INSURANCE DESIGN | Domestic | 5/29/2004 | 100 | TOVAR CIRILO ALBERTO & ANDRES DAISY | 301 E SCOTLAND DR | IRVING | TEXAS | 75062-8604 |
| 97 | 33-09-5Y | HIST | W.H. Covington | Domestic | 4/1/1981 | 57 | WYATT SANDRA V | 1805 CREEK RIDGE CT | IRVING | TEXAS | 75060-5846 |
| 98 | 408669 | SDR | Feizy Properties, Ltd | Extraction | 11/5/2015 | 62 | URBY DALLAS PHASE 1 FEE OWNER LP ATTN BARBARA OIF STACK | 50 WASHINGTON ST | HOBOKEN | NEW JERSEY | 070304506 |
| 99 | 33-09-5G | HIST | Bill Harris | Irrigation | 4/1/1972 | 31 | CORDERO MARIO G & JOYCE M | 809 RINDIE ST | IRVING | TEXAS | 75060-5246 |
| 100 | 3310821 | GWS | Gifford-Hill and Co | Industrial | 1/1/1973 | 830 | GOLDEN TRINITY LLC | 14606 BRANCH ST STE 100 | OMAHA | NEBRASKA | 68154-0009 |

| Map ID | Source ID | Dataset | Name on Log | Proposed Use | Completed | Total Depth | Current Owner | Mail Address | Mail City | Mail State | Mail Zip |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 644584 | SDR | Trinity River Authority | Other | 7/26/2023 | 80 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 102 | 218951 | SDR | Wesley Dawson | Irrigation | 5/21/2010 | 400 | SAINT FRANCIS MONTESSORI IRVING | 1412 E UNION BOWER RD | IRVING | TEXAS | 75061-5434 |
| 103 | 526260 | SDR | City Of Irving Landfill | Other | 10/31/2019 | 4.8 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 104 | 166253 | SDR | CH WOODLAWN, L.P. | Irrigation | 7/10/2008 | 1040 | | | | | |
| 105 | 526262 | SDR | City Of Irving Landfill | Other | 10/31/2019 | 6.3 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 106 | 33-09-5P | HIST | C.R. Niford | N/A | 6/15/1968 | 60 | VILLARREALHERNANDEZ JUANITA & JAVIER | 900 NANCY DR | IRVING | TEXAS | 75060-3938 |
| 107 | 33-09-3E | HIST | Winston White | Domestic | 3/1/1965 | 230 | YAW LP | 2416 COLESHIRE DR | PLANO | TEXAS | 75075-7406 |
| 108 | 3310706 | GWS | Stevens Plaza Apartmnt | Public Supply | 1/1/1964 | 829 | WAKHHII LTD STE 104 | 1422 W MAIN ST | LEWISVILLE | TEXAS | 75067-3387 |
| 109 | 33-09-3E | HIST | Holloway Const. Co. #1 | Other | 9/30/1973 | 402 | YAW LP | 2416 COLESHIRE DR | PLANO | TEXAS | 75075-7406 |
| 110 | 33-09-8 | HIST | Arthur Broyles | Domestic | 9/1/1986 | 410 | VERTICAL BRIDGE LANDCO LLC STE 200 | 750 PARK OF COMMERCE DR | BOCA RATON | FLORIDA | 33487-3650 |
| 111 | 3310705 | GWS | City of Dallas | Unused | 1/1/1930 | 2634 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 112 | 433878 | SDR | Taylor Farms | Public Supply | 9/30/2016 | 760 | AVO MULTIAMP CORPORATION | 4545 W DAVIS ST | DALLAS | TEXAS | 75211-3422 |
| 113 | 3310509 | GWS | City of Dallas | Unused | 1/1/1911 | 2578 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 113 | 3310508 | GWS | City of Dallas | Unused | 1/1/1911 | 800 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 113 | 3310510 | GWS | City of Dallas "Gill well" | Unused | 1/1/1902 | 2585 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 114 | 33-09-8A | HIST | Herman H. Plattner | Domestic | 11/14/1966 | 450 | PLATTNER HERMAN H ETAL | 25 HIGHLAND PARK VLG STE 100-711 | DALLAS | TEXAS | 75205-2789 |
| 115 | 3310501 | GWS | Dallas Power and Light | Unused | 1/1/1948 | 2735 | ASA APARTMENTS LP | 750 BERING DR STE 300 | HOUSTON | TEXAS | 77057-2132 |
| 116 | 485979 | SDR | Calvary Hill Cemetary | Irrigation | 6/20/2018 | 1520 | CALVARY HILL CEMETERY | PO BOX 190507 | DALLAS | TEXAS | 75219-0507 |
| 117 | G0570050B | PWS | CITY OF IRVING | Public Supply | 9/29/1971 | 2170 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 118 | 3309508 | GWS | City of Irving | Plugged or Destroyed | 9/9/1971 | 2170 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 118 | 3309501 | GWS | City of Irving Old #3 Well | Plugged or Destroyed | 1/1/1952 | 2184 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 119 | 33-09-3B | HIST | A.J. Airoldi | Industrial | 5/31/1966 | 20 | TEXAS IOS LLC | 2705 IRVING BLVD | DALLAS | TEXAS | 75207-2307 |
| 120 | 3310802 | GWS | Dallas Power and Light | Industrial | 1/1/1950 | 2728 | ONCOR ELECRIC DELIVERY COMPANY % STATE & LOCAL TAX DEPT | PO BOX 139100 | DALLAS | TEXAS | 75313-9100 |
| 121 | 459943 | SDR | Mr. Elliot | Irrigation | 4/21/2017 | 700 | BARON LISA B | 4047 COCHRAN CHAPEL RD | DALLAS | TEXAS | 75209-1501 |
| 122 | 474889 | SDR | Trademark Property Company | Other | 2/8/2018 | 30 | 505 RIVERFRONT LTD ATTN: MARGARET MOLLESTON | 1425 LAKE FRONT CIR | THE WOODLANDS | TEXAS | 77380-3610 |
| 123 | 33-09-9 | HIST | Dallas Calco Inc. | Irrigation | 5/1/1990 | 705 | IGLESIA PENTECOSTES AMISADAI | 1520 MARION DR | DALLAS | TEXAS | 75211-6474 |
| 124 | 3310502 | GWS | Neuhoff Brothers Meats | Industrial | 1/1/1953 | 774 | PR GENESIS KATY LP | 2083 N COLLINS BLVD STE 100 | RICHARDSON | TEXAS | 75080-2660 |
| 125 | 33-09-4 | HIST | Riaz Hassain | N/A | 12/18/2003 | 40 | MURTAZA INVESTMENTS INC | 4924 ROCKRIMMON CT | COLLEYVILLE | TEXAS | 76034-3544 |
| 126 | 3318101 | GWS | City of Dallas | Unused | | 2652 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 127 | 3310503 | GWS | Neuhoff Brothers Meats | Industrial | 1/1/1940 | 770 | ANLAND NORTH COMMERCIAL LP % HILLWOOD ATTN LAURIE D ZIRPEL | 9800 HILLWOOD PKWY STE 300 | FORT WORTH | TEXAS | 76177-1552 |
| 128 | 474892 | SDR | Trademark Property Company | Other | 2/8/2018 | 30 | RIVERFRONT RESIDENTIAL I LP % COLUMBUS REALTY PARTNER | 8343 DOUGLAS AVE STE 360 | DALLAS | TEXAS | 75225-5851 |
| 129 | 3317302 | GWS | Mt. St. Michaels Home | Unused | | 1492 | SISTERS OF OUR LADY OF CHARITY OF THE GOOD SHEPHERD DALLAS INC | 4500 W DAVIS ST | DALLAS | TEXAS | 75211-3419 |
| 129 | 3317301 | GWS | Mount St. Michaels | Unused | 7/4/1947 | 2667 | SISTERS OF OUR LADY OF CHARITY OF THE GOOD SHEPHERD DALLAS INC | 4500 W DAVIS ST | DALLAS | TEXAS | 75211-3419 |
| 130 | 3309301 | GWS | Texas Industries Inc | Unused | 1/1/1959 | 490 | CIP DFW LOGISTICS LLC STE 300 | 19762 MACARTHUR BLVD | IRVINE | CALIFORNIA | 92612-2498 |
| 131 | 474894 | SDR | Trademark Property Company | Other | 2/8/2018 | 30 | 505 RIVERFRONT LTD ATTN: MARGARET MOLLESTON | 1425 LAKE FRONT CIR | THE WOODLANDS | TEXAS | 77380-3610 |
| 132 | 529884 | SDR | City of Irving | Other | 12/6/2019 | 22 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 133 | 582111 | SDR | City of Irving | Other | 7/15/2021 | 50 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 134 | 321898 | SDR | Courtyard of roses | Irrigation | 6/7/2013 | 505 | MM COURTYARDS LLC | 12219 BRETON DR | FRISCO | TEXAS | 75035-9056 |
| 135 | 482126 | SDR | Trademark Property Company | Other | 4/18/2018 | 30 | 505 RIVERFRONT LTD ATTN: MARGARET MOLLESTON | 1425 LAKE FRONT CIR | THE WOODLANDS | TEXAS | 77380-3610 |
| 135 | 482125 | SDR | Trademark Property Company | Other | 4/18/2018 | 30 | 505 RIVERFRONT LTD ATTN: MARGARET MOLLESTON | 1425 LAKE FRONT CIR | THE WOODLANDS | TEXAS | 77380-3610 |
| 135 | 474896 | SDR | Trademark Property Company | Other | 2/8/2018 | 30 | 505 RIVERFRONT LTD ATTN: MARGARET MOLLESTON | 1425 LAKE FRONT CIR | THE WOODLANDS | TEXAS | 77380-3610 |
| 136 | 541396 | SDR | ECS Southwest LLP | Other | 4/14/2020 | 60 | 3001 MAPLE LP STE 2400 | 609 MAIN ST | HOUSTON | TEXAS | 77002-3271 |
| 136 | 541397 | SDR | ECS Southwest LLP | Other | 4/17/2020 | 60 | 3001 MAPLE LP STE 2400 | 609 MAIN ST | HOUSTON | TEXAS | 77002-3271 |
| 137 | 3310828 | GWS | Dallas Power and Light | Unused | 1898-01-01 | 570 | DALLAS AREA RAPID TRANSIT | PO BOX 660163 | DALLAS | TEXAS | 75266-0163 |
| 137 | 3310829 | GWS | Dallas Power and Light | Unused | 1/1/1907 | 1427 | DALLAS AREA RAPID TRANSIT | PO BOX 660163 | DALLAS | TEXAS | 75266-0163 |
| 138 | 373525 | SDR | Jason Achterbury | Domestic | 7/15/2014 | 408 | SANTA MONICA PROPERTIES LLC | 9850 DALE CREST DR | DALLAS | TEXAS | 75220-0612 |
| 139 | 3310831 | GWS | Dallas Power and Light | Unused | 1/1/1948 | 1645 | | | | | |
| 139 | 3310805 | GWS | Dallas Power and Light | Industrial | 1/1/1948 | 2758 | | | | | |
| 140 | 3309201 | GWS | Las Colinas Golf Course | Irrigation | 6/1/1963 | 1202 | IRVING CLUB ACQUISITION % CLUB CORP INC | PO BOX 2539 | SAN ANTONIO | TEXAS | 78299-2539 |
| 141 | 3317303 | GWS | Dallas Co. F.W.D. #1 | Public Supply | | 556 | DAVIS PHILLIP E | 1210 ASHFORD LN | MIDLOTHIAN | TEXAS | 76065-6427 |
| 142 | 3310804 | GWS | Dallas Power and Light | Plugged or Destroyed | 1/1/1924 | 1631 | VICTORY BLOCK M LP | 2700 COMMERCE ST STE 1600 | DALLAS | TEXAS | 75226-1404 |
| 143 | 33-09-4F | HIST | F.D. Gilbreath | Domestic | 3/10/1969 | 48 | WHELESS GARRY DON | 1520 W 7TH ST | IRVING | TEXAS | 75060-3752 |
| 144 | 33-10-1A | HIST | Chas Tucker | Domestic | 8/4/1980 | 41 | LALANI FARHAN & SANAM | 3731 LA JOYA DR | DALLAS | TEXAS | 75220-3633 |

| Map ID | Source ID | Dataset | Name on Log | Proposed Use | Completed | Total Depth | Current Owner | Mail Address | Mail City | Mail State | Mail Zip |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 33-09-3C | HIST | Technical Chemical Co. | Industrial | 6/9/1970 | 523 | OSI 10737 SPANGLER RD LLC | 10737 SPANGLER RD | DALLAS | TEXAS | 75220-7101 |
| 146 | 3317205 | GWS | | Domestic | | 534 | HANEEN INVESTMENTS LLC | 12928 CONIFER LN | EULESS | TEXAS | 76040-7191 |
| 147 | 33-09-7C | HIST | Jack Gazin | Domestic | 7/18/1966 | 315 | IGLESIA LUTERANA SANTA MARIA DE GUADALUPE | 2601 S MACARTHUR BLVD | IRVING | TEXAS | 75060-6683 |
| 148 | 3310815 | GWS | Dallas Concrete Co | Unused | 1/1/1952 | 856 | DALLAS COUNTY OF | 500 MAIN ST | DALLAS | TEXAS | 75202-3521 |
| 149 | 33-09-4J | HIST | F.C. Warming | N/A | 5/1/1970 | 50 | MACH CHARLES E | 709 BOWMAN ST | IRVING | TEXAS | 75060-3714 |
| 150 | 118674 | SDR | Don Harper | Irrigation | 4/20/2007 | 500 | DILWORTH ROBERT H & MARY A | 3901 FOX GLEN DR | IRVING | TEXAS | 75062-3830 |
| 151 | 3310806 | GWS | Dallas Power and Light | Industrial | 1/1/1950 | 2754 | BLOCKS GKM LP STE 201 | 4705 S APOPKA VINELAND RD | ORLANDO | FLORIDA | 32819-3151 |
| 152 | 33-01-9C | HIST | Forest Lawn Cemetary | Irrigation | 3/30/1974 | 40 | FOREST LAWN | 10977 HARRY HINES BLVD | DALLAS | TEXAS | 75220-1315 |
| 153 | 3301903 | GWS | Technical Chemical Co | Industrial | 1/1/1970 | 523 | RODRIGUEZ MARIO ALBERTO | 6501 DIAMOND CT | COLLEYVILLE | TEXAS | 76034-6119 |
| 154 | 33-01-9A | HIST | Forest Lawn Cemetary | Irrigation | | | FOREST LAWN | 10977 HARRY HINES BLVD | DALLAS | TEXAS | 75220-1315 |
| 155 | 33-01-9A | HIST | Forest Lawn Cemetary | Domestic | 5/23/1963 | 40 | FOREST LAWN | 10977 HARRY HINES BLVD | DALLAS | TEXAS | 75220-1315 |
| 156 | 33-09-1D | HIST | Harvy Oaks | Domestic | 4/3/1981 | 50 | MORALES JULIA | 115 N CAVENDER ST | DALLAS | TEXAS | 75211-2746 |
| 157 | 582109 | SDR | City of Irving | Other | 7/15/2021 | 50 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 158 | 33-09-3H | HIST | Charles S. Peeple | Irrigation | 4/1/1971 | 31 | FOREST LAWN | 10977 HARRY HINES BLVD | DALLAS | TEXAS | 75220-1315 |
| 159 | 3301904 | GWS | Charles S. Peeple | Irrigation | 1/1/1971 | 31 | FOREST LAWN | 10977 HARRY HINES BLVD | DALLAS | TEXAS | 75220-1315 |
| 160 | 33-09-6 | HIST | Rex Faulkner | Irrigation | 1/28/1994 | 295 | MORENO GUADALUPE DIAZ & ESTELA | PO BOX 170578 | IRVING | TEXAS | 75017-0578 |
| 161 | 33-09-4K | HIST | Carroll McNeal | Irrigation | 6/1/1971 | 33 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 162 | 529882 | SDR | City of Irving | Other | 12/6/2019 | 22 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 163 | 33-09-2E | HIST | Ray Glover | Domestic | 6/5/1980 | 350 | BURGETT LYNN RODNEY & MARELEN D | 321 STEEPLECHASE DR | IRVING | TEXAS | 75062-3822 |
| 164 | 33-17-2B | HIST | Ben Parks | Domestic | 3/30/1970 | 464 | LVPA 5956 W JEFFERSON OS OWNER LLC | 333 W WACKER DR STE 2300 | CHICAGO | TEXAS | 60606-1266 |
| 165 | 33-17-2B | HIST | Hill Pet Shop | N/A | 3/1/1969 | 534 | LVPA 5956 W JEFFERSON OS OWNER LLC | 333 W WACKER DR STE 2300 | CHICAGO | TEXAS | 60606-1266 |
| 166 | 33-09-8 | HIST | Marie Mims | Domestic | 5/1/1986 | 515 | CETOLOGY LLC | 2000 MCKINNEY AVE STE 1000 | DALLAS | TEXAS | 75201-2027 |
| 167 | 33-09-8 | HIST | Marie Mims | Domestic | 4/1/1986 | 506 | CETOLOGY LLC | 2000 MCKINNEY AVE STE 1000 | DALLAS | TEXAS | 75201-2027 |
| 168 | G0570180A | PWS | TEXAS SPORTS COMPLEX | Public Supply | | | CETOLOGY LLC | 2000 MCKINNEY AVE STE 1000 | DALLAS | TEXAS | 75201-2027 |
| 169 | 3310813 | GWS | Liquid Carbonic Co | Unused | 1/1/1956 | 873 | ARENA PARTNERS LP STE 612 LB 36 | 1919 S SHILOH RD STE 612 LB 36 | GARLAND | TEXAS | 75042-8208 |
| 170 | 3310814 | GWS | | | | | BUFFLEHEAD PTNRS LP | 2519 THOMAS AVE | DALLAS | TEXAS | 75201-2039 |
| 171 | 569643 | SDR | Yello Belly Drag Trip | Irrigation | 1/28/2021 | 500 | METROPLEX SPORTS | 516 W OAK ST APT 15 | DENTON | TEXAS | 76201-9002 |
| 172 | 33-17-3A | HIST | Texas Auto Salvage | Domestic | 12/22/1972 | 50 | BUSTILLOS ROBERTO C | 3600 W JEFFERSON BLVD | DALLAS | TEXAS | 75211-4708 |
| 173 | 255992 | SDR | Dallas National Golf Club | Irrigation | 1/18/2011 | 2440 | DNGC MEMBER CLUB INC | 1515 KNOXVILLE RD | DALLAS | TEXAS | 75211-1328 |
| 174 | 33-01-9B | HIST | C.W. Cave | Domestic | 5/31/1966 | 38 | CHAVEZ ADALBERTO & ANA CALLEJAS | 10008 GOODYEAR DR | DALLAS | TEXAS | 75229-5819 |
| 175 | 3310822 | GWS | City of Dallas | Unused | 1/1/1924 | 2750 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 176 | 33-09-7D | HIST | C.B. Drinnan | Domestic | 9/18/1967 | 220 | BSREP III 2003 MACARTHUR LP | 250 VESEY ST | NEW YORK | NEW YORK | 10281-1052 |
| 177 | 33-09-2C | HIST | Jim Haynes | Domestic | 11/12/1976 | 50 | WALKER CHRISTIAN | 3030 ELLEN ST | IRVING | TEXAS | 75062-6944 |
| 178 | 33-17-2C | HIST | Cecil Farris | Domestic | 9/17/1980 | 60 | FARRIS DONNA | 4402 E JEFFERSON ST | GRAND PRAIRIE | TEXAS | 75051-2456 |
| 179 | 3310505 | GWS | City of Highland Park | Plugged or Destroyed | 1/1/1924 | 2875 | CITY OF HIGHLAND PARK | 4700 DREXEL DRIVE | DALLAS | TEXAS | 75205 |
| 180 | 33-01-8E | HIST | Joe Canterbury | Domestic | 5/1/1978 | 420 | WEST SHIELD PARTNERS LLC ATTN: MICHAEL UHRICK | 11221 TANTOR RD | DALLAS | TEXAS | 75229-3141 |
| 181 | 3310809 | GWS | Dallas County | Unused | 1/1/1927 | 1637 | DALLAS COUNTY OF | 500 ELM ST STE 2100 | DALLAS | TEXAS | 75202-3348 |
| 182 | 3309706 | GWS | Quiet Acres Trailer Park | Unused | 1/1/1968 | 291 | MIAMI PARTNERS LLC | PO BOX 601344 | DALLAS | TEXAS | 75360-1344 |
| 183 | 3310504 | GWS | City of Highland Park | Plugged or Destroyed | 1/1/1913 | 2700 | CITY OF HIGHLAND PARK | 4700 DREXEL DRIVE | DALLAS | TEXAS | 75205 |
| 184 | 3310808 | GWS | Dallas County | Unused | 1890-01-01 | 740 | DALLAS COUNTY OF | 500 ELM ST STE 2100 | DALLAS | TEXAS | 75202-3348 |
| 185 | 33-09-2A | HIST | J.E. Miller | Other | 12/7/1965 | 391 | IRVING CLUB ACQUISITION % CLUB CORP INC | PO BOX 2539 | SAN ANTONIO | TEXAS | 78299-2539 |
| 186 | 628832 | SDR | Ring | Irrigation | 10/21/2022 | 1798 | 4101 TRUST | 6000 LEGACY DR | PLANO | TEXAS | 75024-3601 |
| 187 | 33-09-4L | HIST | Robert U. Trocke | Irrigation | 8/20/1976 | 16 | DESANTIAGO JUAN | 2021 CORDOVA BND | IRVING | TEXAS | 75060-5629 |
| 188 | 3309202 | GWS | Las Colinas Corp | Irrigation | 4/17/1974 | 1222 | | | | | |
| 189 | 3310807 | GWS | Union Terminal Co | Unused | 1/1/1925 | 2776 | CITY OF DALLAS | 1500 MARILLA ST | DALLAS | TEXAS | 75201-6318 |
| 190 | 33-09-7 | HIST | Westland Corp. | Domestic | 9/1/1986 | 420 | LINDAMOOD PETE | 304 SAGE LN | EULESS | TEXAS | 76039-7906 |
| 191 | 3309708 | GWS | Gifford Hill American | Industrial | 1/1/1955 | 450 | FORTERRA PRESSURE PIPE INC %DUCHARME MCMILLEN & ASSOCIATES | PO BOX 80615 | INDIANAPOLIS | INDIANA | 46280-0615 |
| 192 | G0570166B | PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | Public Supply | 6/8/1955 | 950 | FORTERRA PRESSURE PIPE INC %DUCHARME MCMILLEN & ASSOCIATES | PO BOX 80615 | INDIANAPOLIS | INDIANA | 46280-0615 |
| 193 | 3309711 | GWS | Hanson Presure Pipe Well #2 | Plugged or Destroyed | 6/8/1955 | 950 | FORTERRA PRESSURE PIPE INC %DUCHARME MCMILLEN & ASSOCIATES | PO BOX 80615 | INDIANAPOLIS | INDIANA | 46280-0615 |
| 194 | G0570166D | PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | Public Supply | 12/29/2020 | 450 | FORTERRA PRESSURE PIPE INC %DUCHARME MCMILLEN & ASSOCIATES | PO BOX 80615 | INDIANAPOLIS | INDIANA | 46280-0615 |
| 194 | 571545 | SDR | Thompson Pipe Group | Public Supply | 12/29/2020 | 450 | FORTERRA PRESSURE PIPE INC %DUCHARME MCMILLEN & ASSOCIATES | PO BOX 80615 | INDIANAPOLIS | INDIANA | 46280-0615 |
| 195 | 1873 | SDR | Deavers Construction L.P. | Industrial | 6/26/2001 | 458 | DUKE REALTY LP & PROLOGICS LP-RE TAX | 1800 WAZEE ST STE 500 | DENVER | COLORADO | 80202-2526 |
| 196 | G0570050C | PWS | CITY OF IRVING | Public Supply | 1/6/1972 | 2117 | CITY OF IRVING | 825 W IRVING BLVD | IRVING | TEXAS | 75060 |
| 197 | 544914 | SDR | Stonelake Capitsl Partners | Other | 5/18/2020 | 70 | SL MAPLE LP STE 850 | 100 CRESCENT CT | DALLAS | TEXAS | 75201-6904 |

**Prepared for:**
CONSOLIDATED CONSULTING GROUP, L.L.C.
6215 Colleyville Blvd.
Colleyville, TX 76034

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

# Water Well Report

4001, 4011 and 4211 Irving Boulevard

Dallas, TX

ES-143752

Tuesday, April 16, 2024

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## Geographic Summary

| Location |
|---|
| TX |
| Subject property is 74.17 acres, 0.116 square miles, and has a 1.75 mile perimeter |

| Coordinates (centroid) | |
|---|---|
| Lat/Long in Degrees Minutes Seconds | 32° 48' 38.77", -96° 53' 9.37" |
| Lat/Long in Decimal Degrees | 32.810770000000005, -96.885935 |
| X/Y in NAD83 / UTM Zone 14N | 697924.6839333819, 3632288.043509585 |

| Elevation (centroid) |
|---|
| 408.92 ft |

| Zip Codes Searched | |
|---|---|
| **Search Distance (mi)** | **Zip Codes** |
| Subject Property | 75247 |
| 0.5 miles | 75247 |

| Topos Searched | |
|---|---|
| **Search Distance** | **Topo Name** |
| Subject Property | Irving (1978) |
| 0.5 miles | Dallas (1978), Irving (1978) |

## Water Well Summary

| Datasets Searched | Distance | Total |
|---|---|---|
| US Water Well (WW) | 0.5 | 0 |
| TX Groundwater Supply (GWS) | 0.5 | 0 |
| TX Historical Waterwell (HIST) | 0.5 | 0 |
| TX Public Water Supply (PWS) | 0.5 | 0 |
| TX Submitted Drillers Report (SDR) | 0.5 | 0 |
| **Total Wells Found** | | **0** |

## Summary Map - 0.5 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer
Texas Quad Index

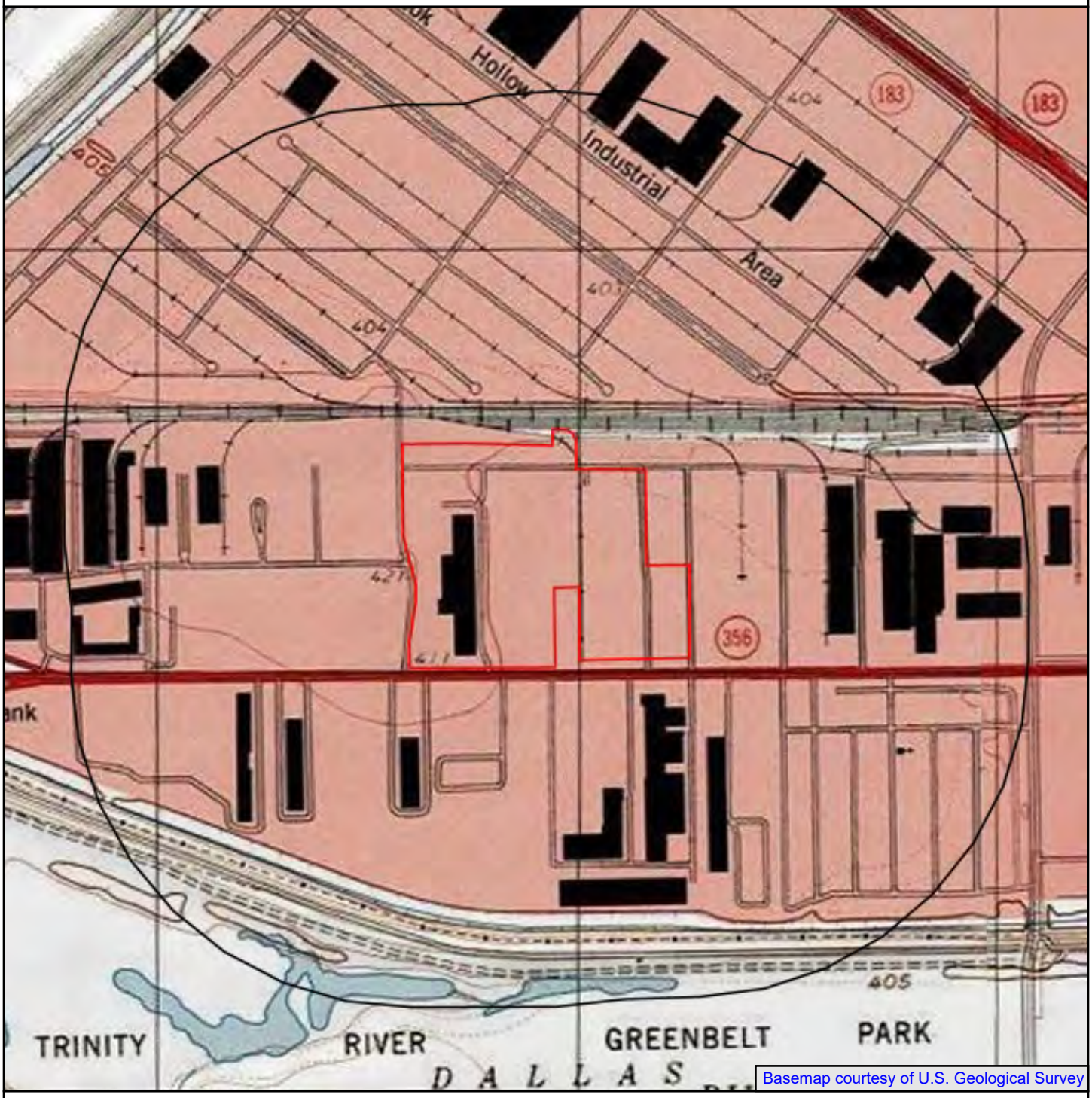
0' 750' 1500'

1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Topographic Overlay Map - 0.5 Mile Radius




Basemap courtesy of U.S. Geological Survey

**4001, 4011 and 4211 Irving Boulevard**

**Subject Property Quad Name(s)**
See Geographic Summary

0' 750' 1500'

1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

Subject Site
Search Buffer

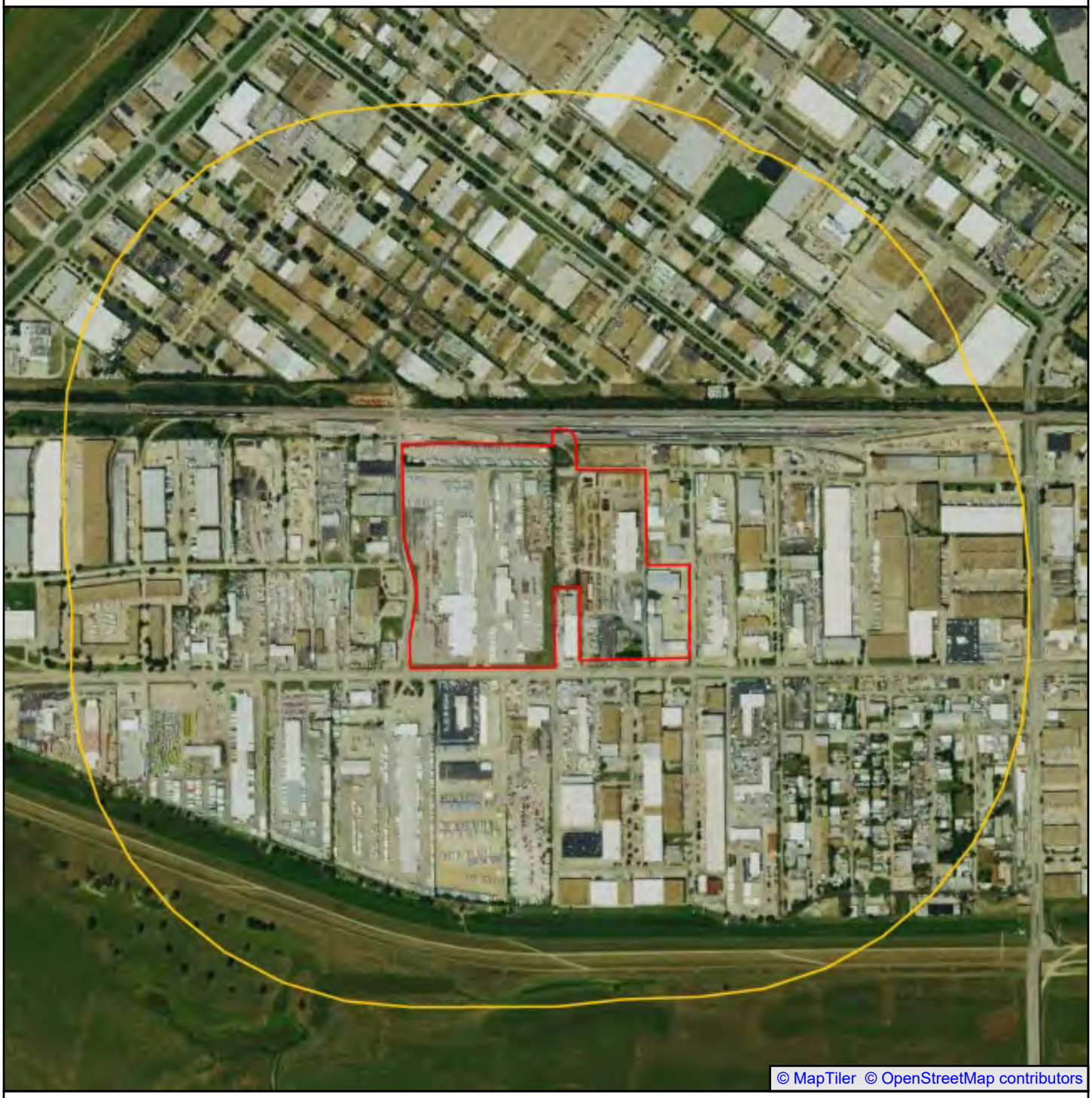
Single Water Well
Water Well Cluster

US WW,TX GWS,TX HIST,TX PWS
TX SDR

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Current Imagery Overlay Map - 0.5 Mile Radius

BANKS ENVIRONMENTAL DATA
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### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer

0' 750' 1500'

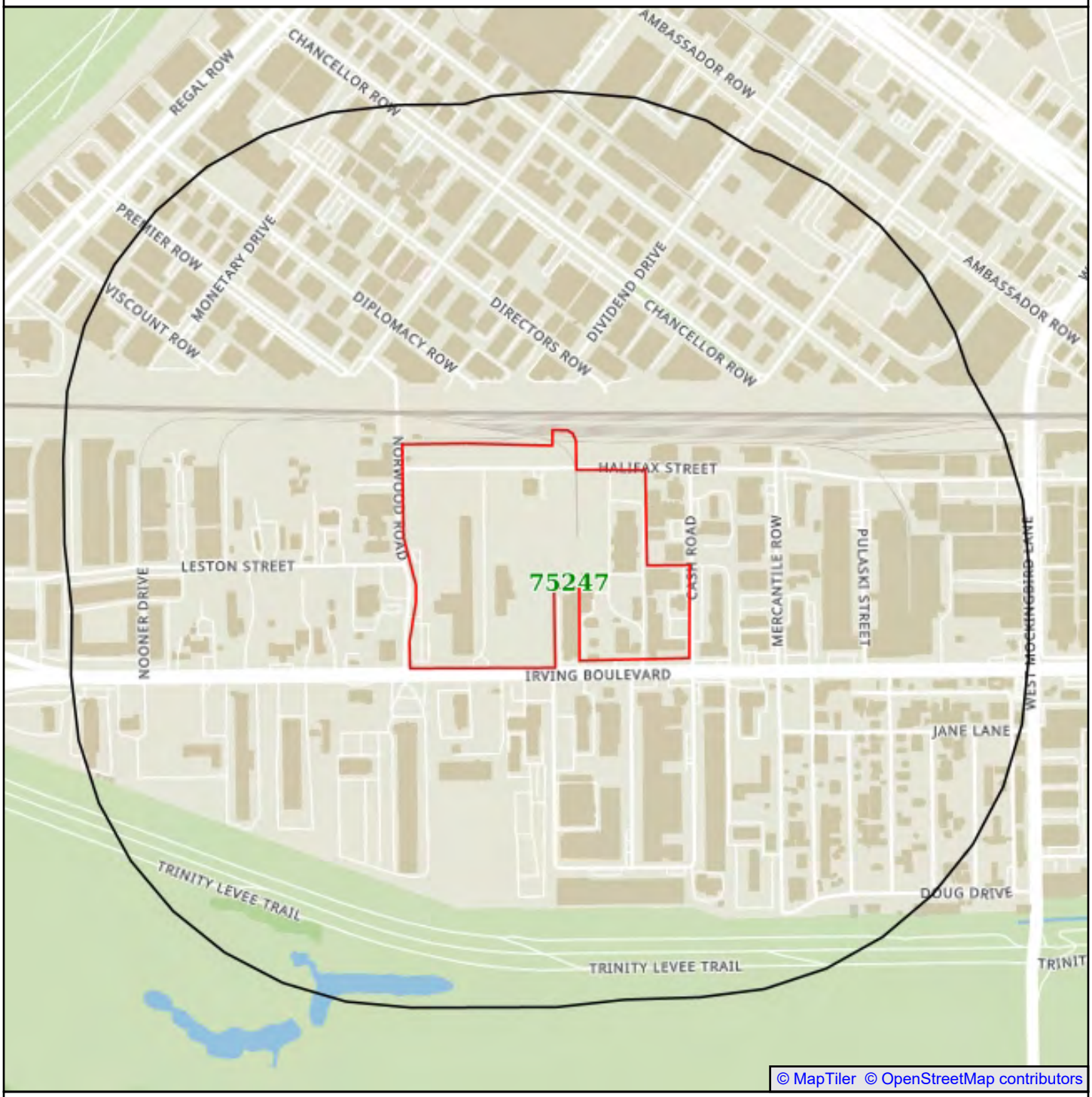
1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Zip Code Map - 0.5 Mile Radius

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer
Zip Code Boundary

0' 750' 1500'

1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

**Banks Environmental Data performed a thorough search and no water wells were found.**

## Dataset Descriptions and Sources

| Dataset | Source | Dataset Description | Update Schedule | Requested Date | Received Date | Update Date | Source Update Date |
|---|---|---|---|---|---|---|---|
| HIST - Historical Waterwell (TX) | TCEQ | This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log. | Historical | | | | |
| GWS - Groundwater Supply (TX) | Texas Water Development Board | This dataset contains water well records contained within Texas Water Development Board Groundwater Database. | Quarterly | 2024-01-16 | 2024-01-16 | 2024-03-26 | 2024-01-16 |
| WW - Water Well (US) | U.S. Geological Survey | This dataset contains groundwater well records from the U.S. Geological Survey. | Quarterly | 2023-04-05 | 2023-04-05 | 2023-04-05 | 2023-04-05 |
| PWS - Public Water Supply (TX) | TCEQ | This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. | Quarterly | 2024-01-16 | 2024-01-16 | 2024-04-15 | 2024-01-16 |
| SDR - Submitted Drillers Report (TX) | Texas Water Development Board | This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database. | Quarterly | 2024-02-14 | 2024-02-14 | 2024-04-05 | 2024-02-14 |

## Disclaimer

The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

## ITEM 19: RETAIL PUBLIC UTILITY WITHIN 5-MILES OF THE PROPERTY

CCG reviewed a Public Water System Report (PWSR) developed by Banks identifying all registered entities that own or operate public water supply systems with wells located within 5 miles of the Designated Property. The PWSR identified eight (8) public water systems listings as described below:

- Source ID: S0570078A – Dallas County Park Cities MUD
    - The Dallas County Park Cities (DCPC) Municipal Utility District (MUD) system status is listed as operational. According to the Dallas County Park Cities MUD website, water is obtained from Grapevine Lake via the Elm Fok of the Trinity River. This listing pertains to a surface water system.

- Source ID: S0570004C – Dallas Water Utility
    - The Dallas Water Utility (DWU) system status is listed as operational. According to the Dallas Water Utilities website, water is obtained from six (6) lakes, Grapevine, Lewisville, Ray Roberts, Ray Hubbard, Tawakoni, and Fork. This listing pertains to a surface water system.

- Source ID: G0570050A, G0570050B, G0570050C – City of Irving
    - All three Source IDs associated with the City of Irving have a system status listed as plugged. According to the City of Irving Water Utilities (IWU) website, the City of Irving's water is pumped from Lake Chapman to Lewisville Lake and then treated by the City of Dallas.

- Source ID: G0570180A – Texas Sports Complex
    - The system status is listed as inactive as of December 31, 2017. This is a water well used for a private sports complex and does not meet the definition of a retail public utility. Additionally, according to the City of Dallas Central Appraisal District (DCAD) this property was sold by Texas Sports Complex and is now owned by Cetology LLC.

- Source ID: G0570180B, G0570166D – Forterra Pressure Pipe Grand Prairie
    - The system status for Source ID G0570180B is listed as plugged and for Source ID G0570466D as operational. According to a site representative with Forterra, Mr. Rafael Reyes, the well is currently used for on-site operations for mixing concrete at the plant. All produced water is used on site and no water from the well is sold to others.

Based on the review of the Texas Water Development Board (TWDB) records, information obtained from the DCPC MUD, DWU, and IWU websites; and telephone conversations with representative with Forterra, there are no retail public utilities, as defined in Section 13.002 of the Texas Water Code, that currently own or operate a groundwater supply well within 5 miles of the Designated Property. Notice to retail public utilities pursuant to Section 361.805 of the Texas Health and Safety Code will not be required.

A Copy of the PWSR is provided in this Item.

Notice will be sent to each identified retail public utility that owns or operates a groundwater supply well within 5 miles of the Designated Property except those that are identified as plugged/abandoned

# Item 19 Attachments

- Public Water System Report

**Prepared for:**
CONSOLIDATED CONSULTING GROUP, L.L.C.
6215 Colleyville Blvd.
Colleyville, TX 76034

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

# Public Water System Report

4001, 4011 and 4211 Irving Boulevard

Dallas, TX

ES-143752

Tuesday, April 16, 2024

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## Geographic Summary

| Location |
|---|
| TX |
| Subject property is 74.17 acres, 0.116 square miles, and has a 1.75 mile perimeter |

| Coordinates (centroid) | |
|---|---|
| Lat/Long in Degrees Minutes Seconds | 32° 48' 38.77", -96° 53' 9.37" |
| Lat/Long in Decimal Degrees | 32.810770000000005, -96.885935 |
| X/Y in NAD83 / UTM Zone 14N | 697924.6839333819, 3632288.043509585 |

| Elevation (centroid) |
|---|
| 408.92 ft |

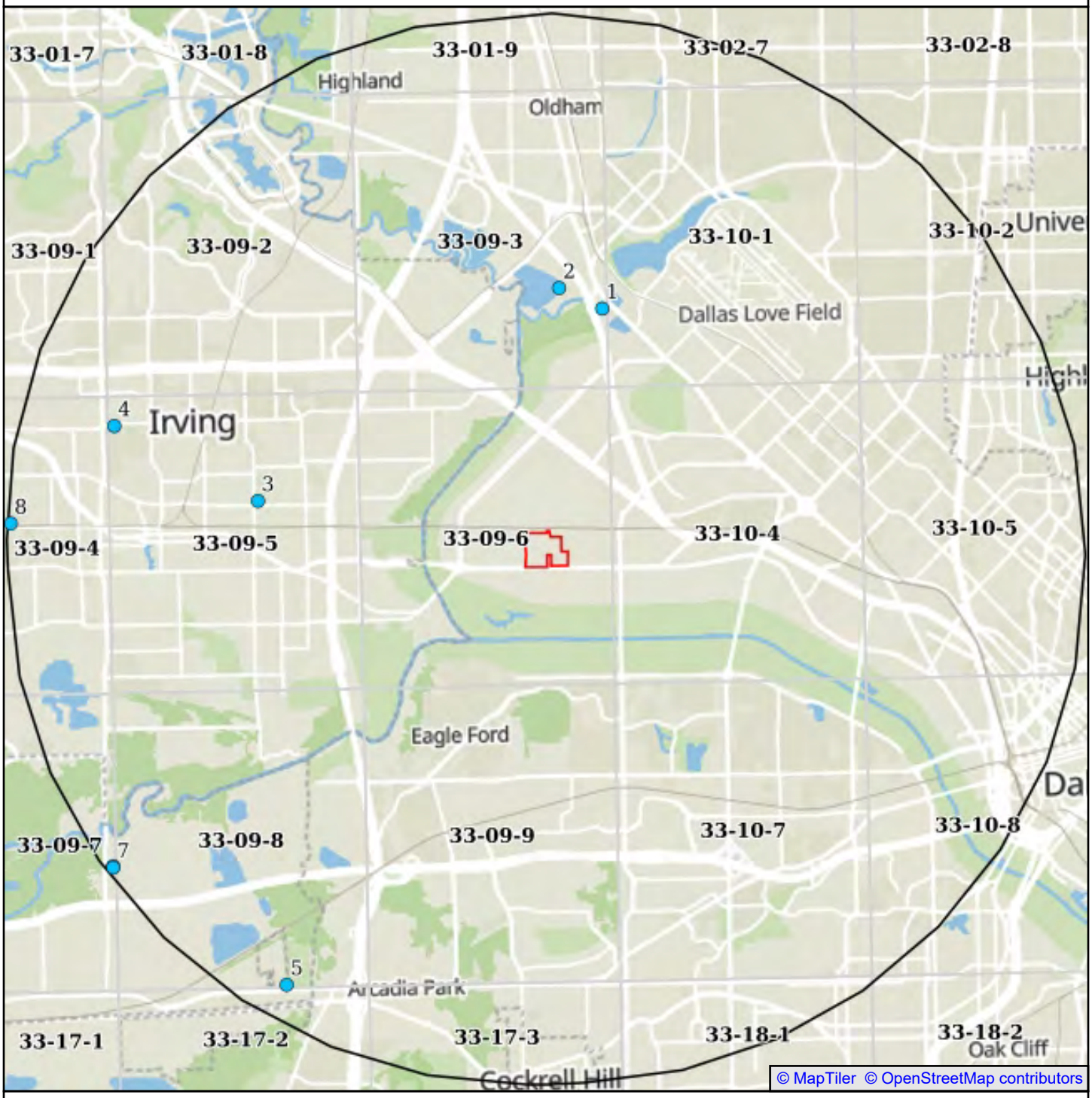
| Zip Codes Searched | |
|---|---|
| **Search Distance (mi)** | **Zip Codes** |
| Subject Property | 75247 |
| 5.0 miles | 75209, 75247, 75220, 75207, 75051, 75038, 75039, 75235, 75050, 75229, 75060, 75061, 75390, 75201, 75202, 75205, 75225, 75219, 75203, 75211, 75212, 75062, 75204, 75208 |

| Topos Searched | |
|---|---|
| **Search Distance** | **Topo Name** |
| Subject Property | Irving (1978) |
| 5.0 miles | Addison (1978), Carrollton (1978), Oak Cliff (1979), Duncanville (1978), Dallas (1978), Irving (1978) |

## Public Water System Summary

| Datasets Searched | Distance | Total |
|---|---|---|
| TX Public Water Supply (PWS) | 5.0 | 8 |
| **Total Wells Found** | | **8** |

## Summary Map - 5.0 Mile Radius




**4001, 4011 and 4211 Irving Boulevard**

Single Water Well
Water Well Cluster
TX PWS

Subject Site
Search Buffer
Texas Quad Index

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Topographic Overlay Map - 5.0 Mile Radius

BANKS ENVIRONMENTAL DATA
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### 4001, 4011 and 4211 Irving Boulevard

**Subject Property Quad Name(s)**
See Geographic Summary

Single Water Well
Water Well Cluster
TX PWS

Subject Site
Search Buffer

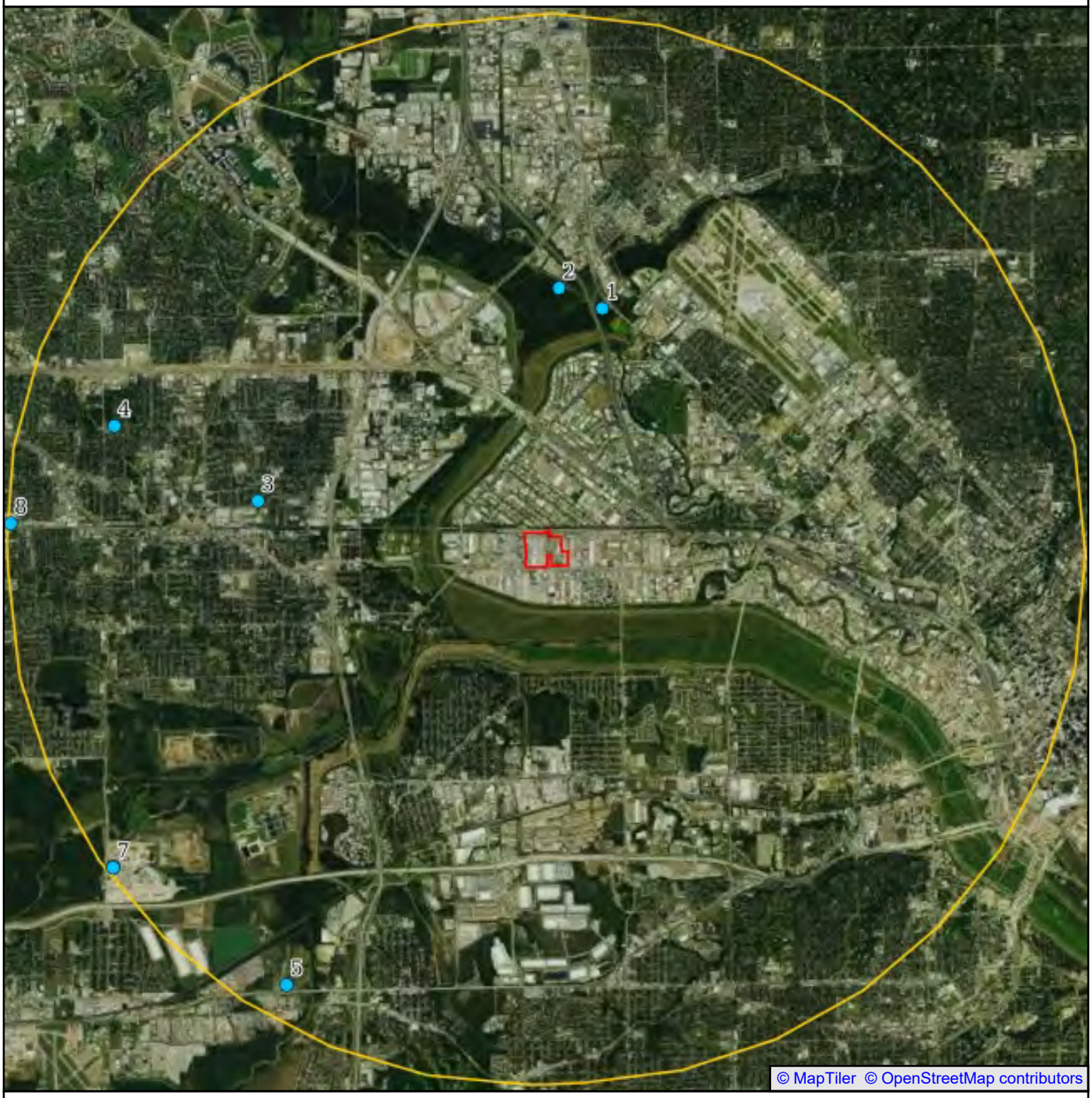
0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Current Imagery Overlay Map - 5.0 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
TX PWS

Subject Site
Search Buffer

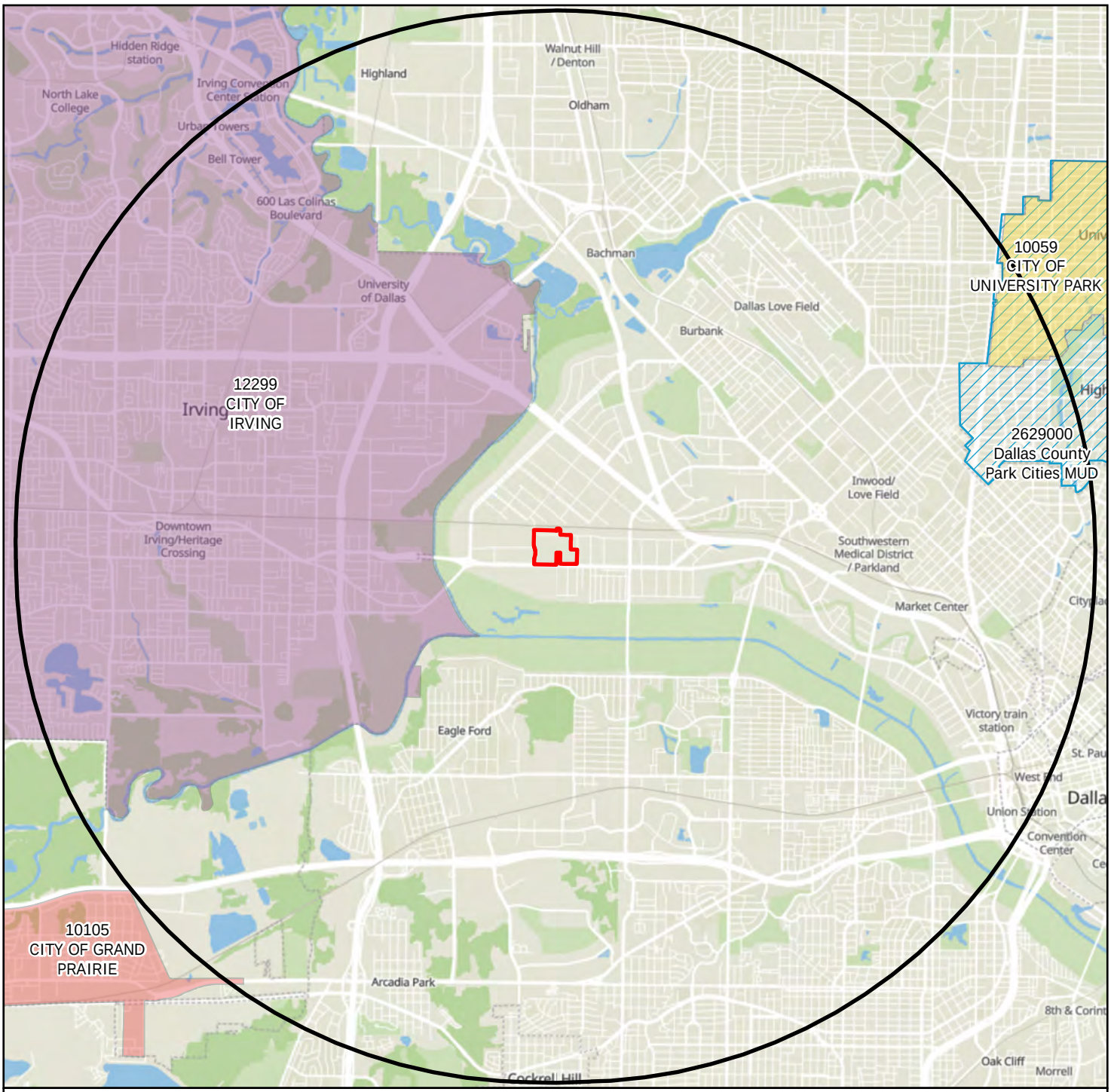
0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## CCN Service & Water District Boundaries - 5.0 Mile Radius




# 4001, 4011 and 4211 Irving Boulevard

Subject Site

Search Buffer

UTILITY

CITY OF GRAND PRAIRIE

CITY OF IRVING

CITY OF UNIVERSITY PARK

DISTRICT

Dallas County Park Cities MUD

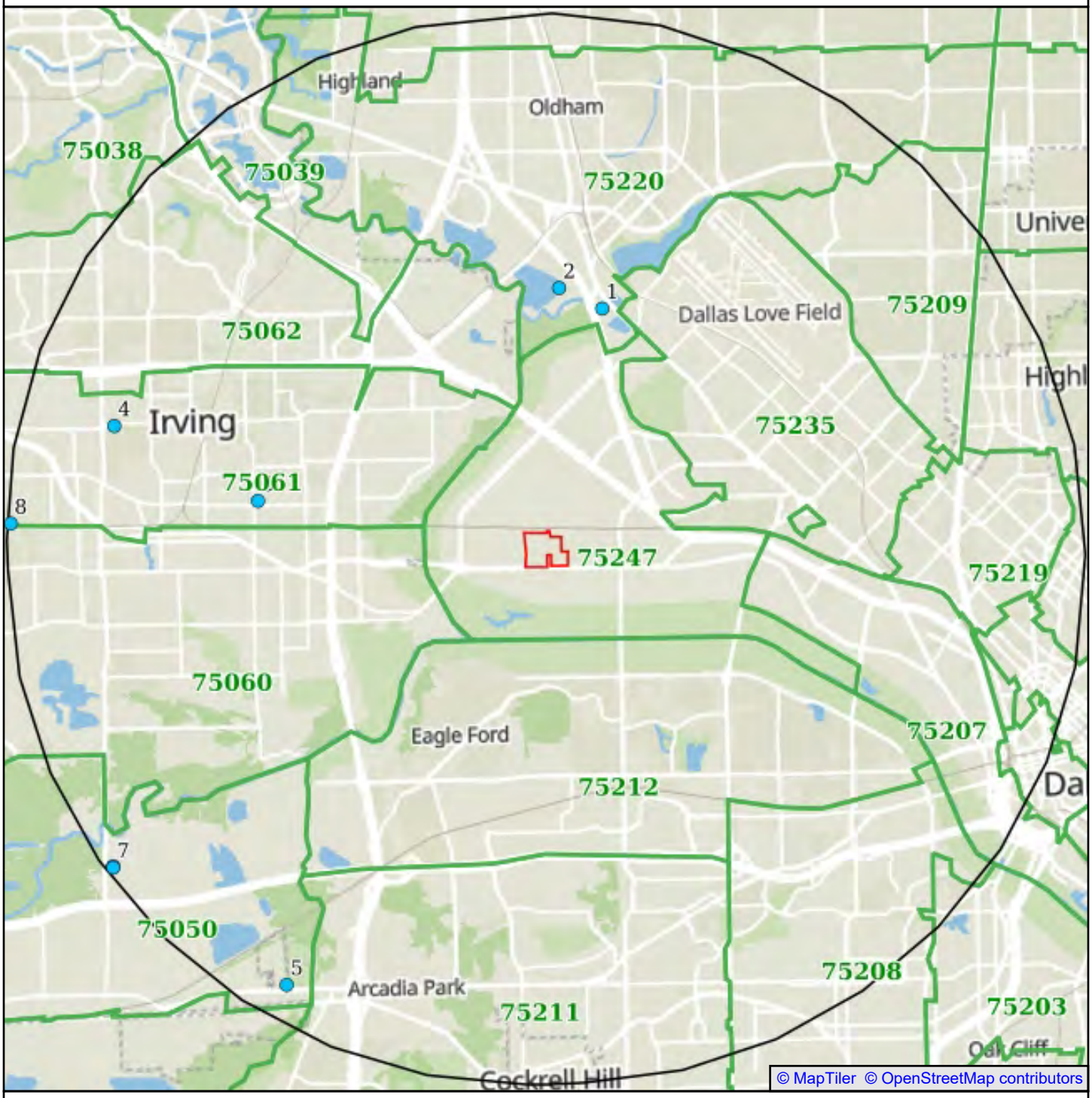
1:88,500

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00"

N

Source: TX PUC & TCEQ

## Zip Code Map - 5.0 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
TX PWS

Subject Site
Search Buffer
Zip Code Boundary

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Public Water System Summary

| Map ID | Source ID | CCN | PWS Name | System Status | Source Status | Drill Depth | Distance | Elevation | Details Page # |
|---|---|---|---|---|---|---|---|---|---|
| 1 | S0570078A | | DALLAS COUNTY PARK CITIES MUD | OPERATIONAL | ACTIVE | | 2.21mi N | +1.18 ft | 11 |
| 2 | S0570004C | P0001 | DALLAS WATER UTILITY | OPERATIONAL | ACTIVE | | 2.35mi N | +1.18 ft | 12 |
| 3 | G0570050A | 12299 | CITY OF IRVING | PLUGGED | ACTIVE | 2250 | 2.59mi W | +83.20 ft | 13 |
| 4 | G0570050B | 12299 | CITY OF IRVING | PLUGGED | ACTIVE | 2170 | 4.09mi W | +89.76 ft | 14 |
| 5 | G0570180A | | TEXAS SPORTS COMPLEX | PUBLIC WATER SYSTEM: INACTIVE | INACTIVE | | 4.65mi SW | +20.87 ft | 15 |
| 6 | G0570166B | | FORTERRA PRESSURE PIPE GRAND PRAIRIE | PLUGGED | ACTIVE | 950 | 4.92mi SW | +24.15 ft | 16 |
| 7 | G0570166D | | FORTERRA PRESSURE PIPE GRAND PRAIRIE | OPERATIONAL | ACTIVE | 450 | 4.93mi SW | +24.15 ft | 17 |
| 8 | G0570050C | 12299 | CITY OF IRVING | PLUGGED | ACTIVE | 2117 | 4.96mi W | +83.20 ft | 18 |

# End of Public Water System Summary

## Map ID 1: PWS

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

## PWS - Public Water Supply

| | | |
|---|---|---|
| **Map ID: 1** | | **Source: TCEQ** |
| **Water Source ID: S0570078A** | **PWS - Public Water Supply** | **Banks ID: S0570078A** |
| **Well Address: TX** | | **Rel. Loc.: 2.21mi N** |
| **Completion Date:** | | **Drill Depth:** |
| **PWS Name: DALLAS COUNTY PARK CITIES MUD** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570078 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | ACTIVE |
| **Source Status:** | OPERATIONAL |
| **Responsible Party:** | JOHN F STULL |
| **Responseible Party Address:** | 1811 REGAL ROW |
| **Responseible Party City:** | DALLAS |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 752352301 |
| **Phone:** | 2146528639 |
| **Tinwsys Number:** | 1264 |

## Map ID 2: PWS

| | | |
|---|---|---|
| **Map ID: 2** | | **Source: TCEQ** |
| **Water Source ID: S0570004C** | **PWS - Public Water Supply** | **Banks ID: S0570004C** |
| **Well Address: TX** | | **Rel. Loc.: 2.35mi N** |
| **Completion Date:** | | **Drill Depth:** |
| **PWS Name: DALLAS WATER UTILITY** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570004 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | P0001 |
| **System Status:** | ACTIVE |
| **Source Status:** | OPERATIONAL |
| **Responsible Party:** | ERIC JOHNSON |
| **Responseible Party Address:** | 1500 MARILLA ST STE 5EN |
| **Responseible Party City:** | DALLAS |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 752016318 |
| **Phone:** | 2146703301 |
| **Tinwsys Number:** | 1237 |

## Map ID 3: PWS

| | | |
|---|---|---|
| **Map ID: 3** | | **Source: TCEQ** |
| **Water Source ID: G0570050A** | **PWS - Public Water Supply** | **Banks ID: G0570050A** |
| **Well Address: TX** | | **Rel. Loc.: 2.59mi W** |
| **Completion Date: 1972-07-07** | | **Drill Depth: 2250.0** |
| **PWS Name: CITY OF IRVING** | | **Elevation: 492.13 ft (+83.20 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570050 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | 12299 |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | RICK STOPFER |
| **Responseible Party Address:** | 825 W IRVING BLVD |
| **Responseible Party City:** | IRVING |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750602845 |
| **Phone:** | 9727212600 |
| **Tinwsys Number:** | 1258 |

## Map ID 4: PWS

| | | |
|---|---|---|
| **Map ID: 4** | | **Source: TCEQ** |
| **Water Source ID: G0570050B** | **PWS - Public Water Supply** | **Banks ID: G0570050B** |
| **Well Address: TX** | | **Rel. Loc.: 4.09mi W** |
| **Completion Date: 1971-09-29** | | **Drill Depth: 2170.0** |
| **PWS Name: CITY OF IRVING** | | **Elevation: 498.69 ft (+89.76 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570050 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | 12299 |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | RICK STOPFER |
| **Responseible Party Address:** | 825 W IRVING BLVD |
| **Responseible Party City:** | IRVING |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750602845 |
| **Phone:** | 9727212600 |
| **Tinwsys Number:** | 1258 |

## Map ID 5: PWS

| | | |
|---|---|---|
| **Map ID: 5** | | **Source: TCEQ** |
| **Water Source ID: G0570180A** | **PWS - Public Water Supply** | **Banks ID: G0570180A** |
| **Well Address: TX** | | **Rel. Loc.: 4.65mi SW** |
| **Completion Date:** | | **Drill Depth:** |
| **PWS Name: TEXAS SPORTS COMPLEX** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570180 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | INACTIVE |
| **Source Status:** | PUBLIC WATER SYSTEM: INACTIVE |
| **Responsible Party:** | |
| **Responseible Party Address:** | |
| **Responseible Party City:** | |
| **Responseible Party State:** | |
| **Responseible Party Zip:** | |
| **Phone:** | |
| **Tinwsys Number:** | 12601 |

## Map ID 6: PWS

| | | |
|---|---|---|
| **Map ID: 6** | | **Source: TCEQ** |
| **Water Source ID: G0570166B** | **PWS - Public Water Supply** | **Banks ID: G0570166B** |
| **Well Address: TX** | | **Rel. Loc.: 4.92mi SW** |
| **Completion Date: 1955-06-08** | | **Drill Depth: 950.0** |
| **PWS Name: FORTERRA PRESSURE PIPE GRAND PRAIRIE** | | **Elevation: 433.07 ft (+24.15 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570166 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | DARREN W DUNKER |
| **Responseible Party Address:** | 1003 MACARTHUR BLVD |
| **Responseible Party City:** | GRAND PRAIRIE |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750507943 |
| **Phone:** | 9722663600 |
| **Tinwsys Number:** | 1275 |

## Map ID 7: PWS

| | | |
|---|---|---|
| **Map ID: 7** | | **Source: TCEQ** |
| **Water Source ID: G0570166D** | **PWS - Public Water Supply** | **Banks ID: G0570166D** |
| **Well Address: TX** | | **Rel. Loc.: 4.93mi SW** |
| **Completion Date: 2020-12-29** | | **Drill Depth: 450.0** |
| **PWS Name: FORTERRA PRESSURE PIPE GRAND PRAIRIE** | | **Elevation: 433.07 ft (+24.15 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570166 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | ACTIVE |
| **Source Status:** | OPERATIONAL |
| **Responsible Party:** | DARREN W DUNKER |
| **Responseible Party Address:** | 1003 MACARTHUR BLVD |
| **Responseible Party City:** | GRAND PRAIRIE |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750507943 |
| **Phone:** | 9722663600 |
| **Tinwsys Number:** | 1275 |

## Map ID 8: PWS

| | | |
|---|---|---|
| **Map ID: 8** | | **Source: TCEQ** |
| **Water Source ID: G0570050C** | **PWS - Public Water Supply** | **Banks ID: G0570050C** |
| **Well Address: TX** | | **Rel. Loc.: 4.96mi W** |
| **Completion Date: 1972-01-06** | | **Drill Depth: 2117.0** |
| **PWS Name: CITY OF IRVING** | | **Elevation: 492.13 ft (+83.20 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570050 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | 12299 |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | RICK STOPFER |
| **Responseible Party Address:** | 825 W IRVING BLVD |
| **Responseible Party City:** | IRVING |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750602845 |
| **Phone:** | 9727212600 |
| **Tinwsys Number:** | 1258 |

# End of PWS Section

# End of Public Water System Details Section

## Dataset Descriptions and Sources

| Dataset | Source | Dataset Description | Update Schedule | Requested Date | Received Date | Update Date | Source Update Date |
|---|---|---|---|---|---|---|---|
| PWS - Public Water Supply (TX) | TCEQ | This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. | Quarterly | 2024-01-16 | 2024-01-16 | 2024-04-15 | 2024-01-16 |

## Disclaimer

Banks Environmental Data, Inc. has performed a thorough and diligent search of all public water supply systems recorded with Texas Commission on Environmental Quality (TCEQ) Safe Drinking Water Information System (SDWIS). Actual site locations are derived from TCEQ Texas Drinking Water Watch digital data. Although Banks performs quality assurance and quality control on all research, we recognize that any inaccuracies of the records and mapped locations could be traced to TCEQ.

**Description of CCN (Certificate of Convenience and Necessity)**

A Certificate of Convenience and Necessity (CCN) is issued by the Public Utility Commission (PUC) of Texas, and authorizes a utility to provide water and/or sewer service to a specific area. CCNs are required of investor owned utilities and water supply corporations. The CCN obligates the water or sewer retail public utility to provide continuous and adequate service to every customer who requests service in that area.

## ITEM 20: MUNICIPALITIES WITHIN 0.5-MILE OF THE PROPERTY

CCG reviewed an MSD Municipal Report developed by Banks identifying all municipalities within one-half mile of the Designated Property. No municipalities, other than the City of Dallas, were identified. No notice or resolutions of support are required from any municipality as required by Section 361.805 of the Texas Health and Safety Code. A copy of the half-mile radius water well report can be found in Item 18.

A copy of the MSD Municipal Report is provided in this Item.

# Item 20 Attachments

- MSD Municipal Report

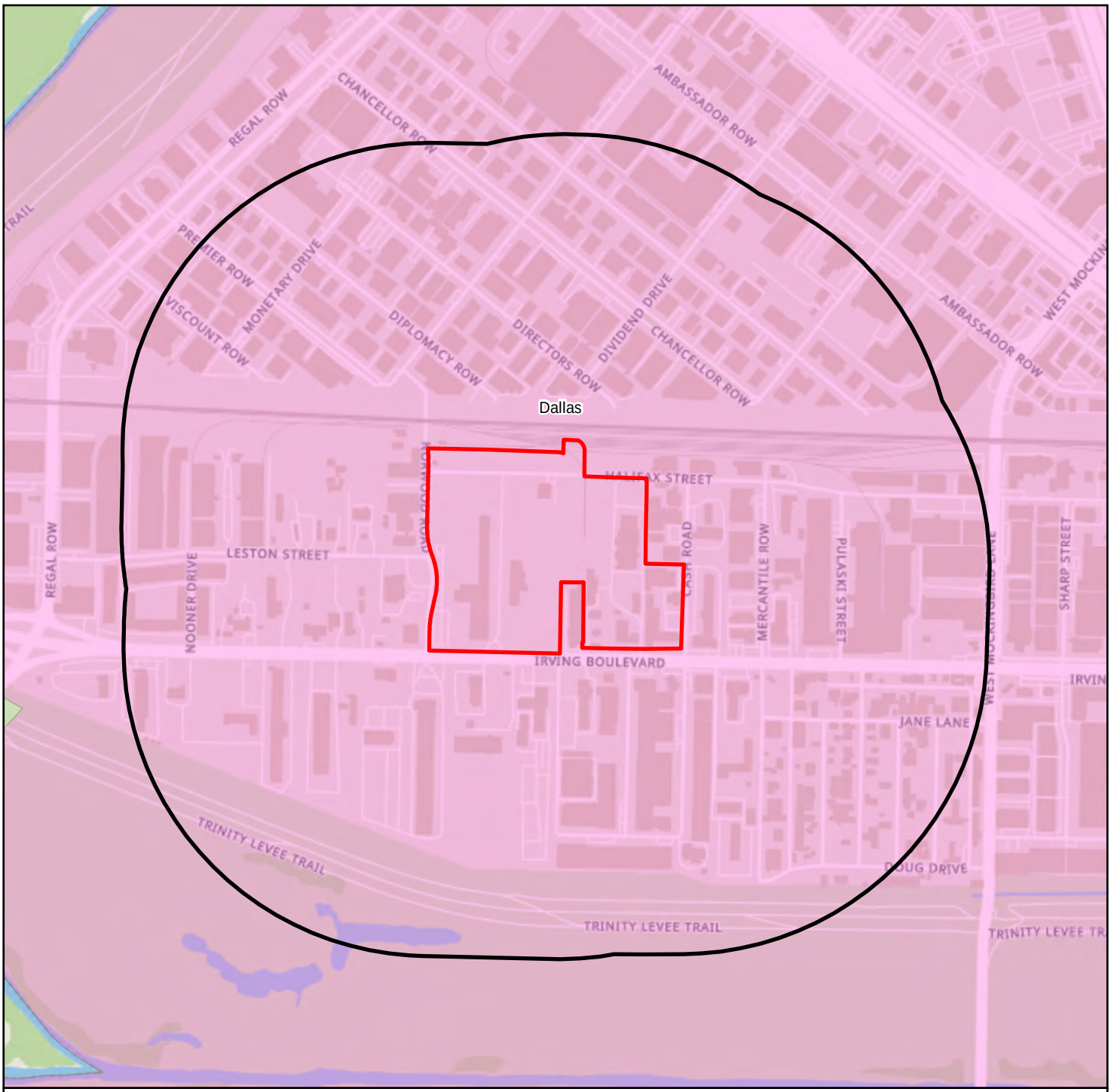
**Prepared for:**
CONSOLIDATED CONSULTING GROUP, L.L.C.
6215 Colleyville Blvd.
Colleyville, TX 76034

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

# MSD Municipal Report

4001, 4011 and 4211 Irving Boulevard
Dallas, TX
ES-143752
Tuesday, April 16, 2024

## Municipal Boundaries - 0.5 Mile Radius




# 4001, 4011 and 4211 Irving Boulevard

Subject Site

Search Buffer

Dallas

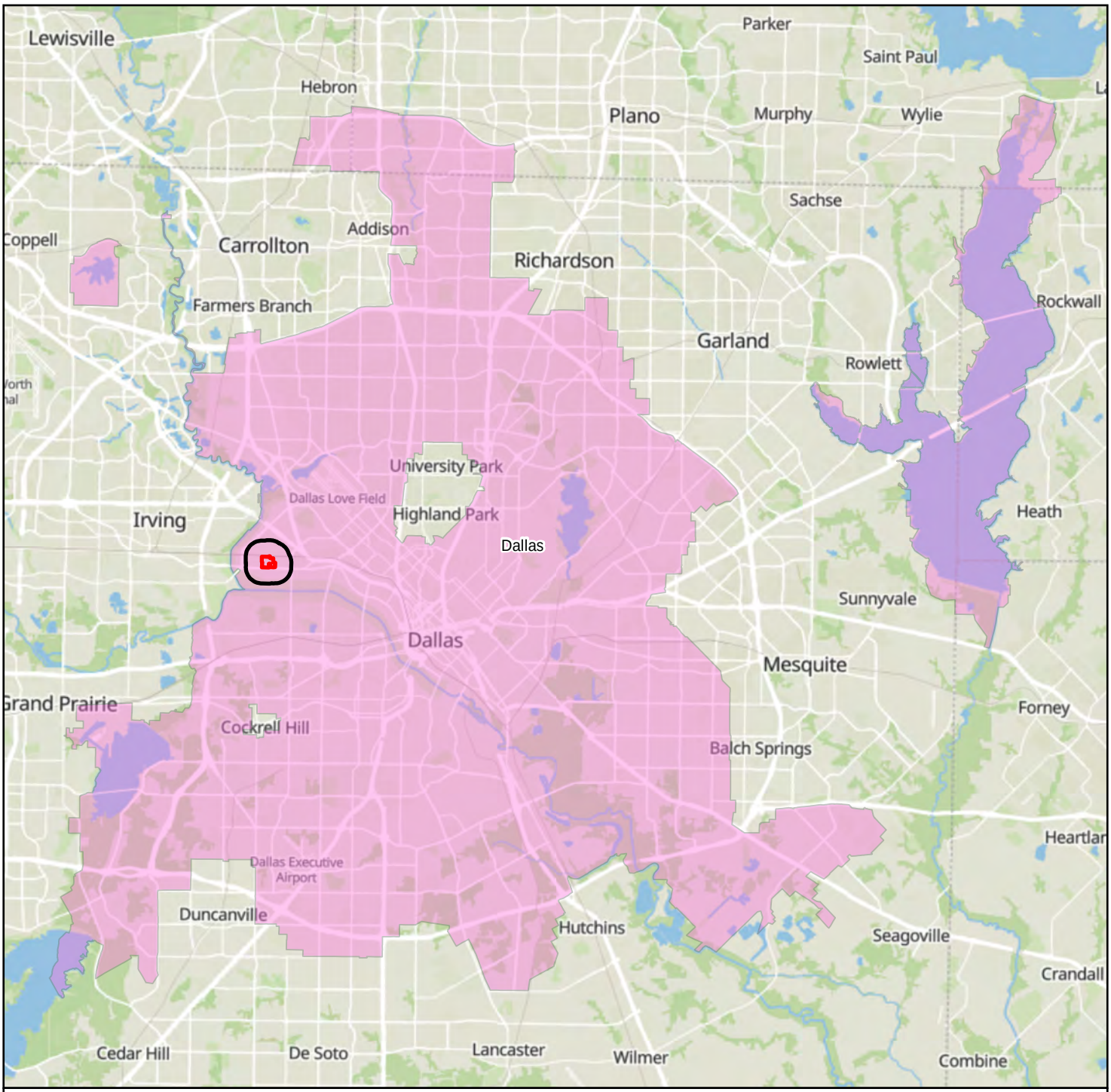
1:15,000

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00"

N

Source: U.S. Census

## Municipal Boundaries




# 4001, 4011 and 4211 Irving Boulevard

Subject Site

Search Buffer

Dallas

1:285,000

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00"

N

Source: U.S. Census

## ITEM 21: MUNICIPALITIES OPERATING GROUNDWATER SUPPLY WELLS WITHIN 5-MILES OF THE PROPERTY

CCG reviewed a PWSR developed by Banks identifying all registered entities that own or operate public water supply systems with wells located within 5 miles of the Designated Property. The following municipalities were identified in the PWSR.

- Park Cities MUD
- City of Dallas
- City of Irving

See details in Item 19 for details pertaining to each of these municipalities and associated wells.

Based on the review of the TWDB records, information obtained from the DCPC MUD, DWU, and IWU websites; and telephone conversations with representative with Forterra, there are no retail public utilities, as defined in Section 13.002 of the Texas Water Code, that currently own or operate a groundwater supply well within 5 miles of the Designated Property. Notice to retail public utilities pursuant to Section 361.805 of the Texas Health and Safety Code will not be required.

Notice will be sent to each identified retail public utility that owns or operates a groundwater supply well within 5 miles of the Designated Property except those that are identified as plugged/abandoned

A copy of the PWSR is included in Item 19.

## ITEM 22: STATEMENT – PROFFESSIONAL CERTIFICATION

To the best of my knowledge and believe, based upon a review of all public and private records and other information sources available to me in the exercise of due diligence, the opinions stated and conclusions made in this application are supported by such information, and the technical and scientific information submitted with the application is true, accurate, and complete. Based on such review, the contaminants of concern from the sources on the designated property or migrating from or through the designated property more likely than not do not exceed a non-ingestion protective concentration level on property beyond the boundaries of the designated property.

8/21/24

Ross MacNames, P.G.
Project Geologist
Consolidated Consulting Group, LLC

Date




8/21/24

## ITEM 23: OFF-SITE NON-INGESTION PCLE ZONES

Not applicable, see certification in Item 22.

## ITEM 24: STATEMENT – APPLICANT CERTIFICATION

I certify under penalty of law that this application and all attachments were prepared under my direction or supervision in a manner designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Southeastern Freight Lines, LLC**

420 Davega Road

Lexington, SC 29073

Tel: 803-794-7300

Ryan Smigiel
**Name:** Ryan Smigiel
**Title:** Vice President of Real Estate

11.6.2026
**Date**

This instrument was acknowledged before me on this the 6th Day of NOVEMBER, 2024, by RYAN SMIGIEL, on behalf said entity.

Randa Jackson
NOTARY PUBLIC, STATE OF SOUTH CAROLINA

RANDA JACKSON
Notary Public, State of South Carolina
My Commission Expires 5/13/2036

RANDA JACKSON
Printed/Typed Name of Notary

MAY 13, 2036
My commission expires:

# ITEM 25: TCEQ APPLICATION

The TCEQ MSD Application has not been filed at this time. Upon approval of this application, the Applicant will submit an application to the TCEQ for certification of the MSD.

## ITEM 26: AUTHORITY TO RESTRICT THE USE OF GROUNDWATER AT THE DESIGNATED PROPERTY

Refer to Item 24. A copy of the deeds verifying ownership is provided in Item 3. Power of Attorney documentation for BKT Enterprises (formally Comtrans Investment Properties, LLC) {Tract IDs #4, #5, #6, #7, #8, and #9} and CF Real Estate, LLC {Tract IDs #1, #2, and #3} are included in this Item.

# LIMITED POWER OF ATTORNEY

STATE OF TEXAS

COUNTY OF DALLAS

I, Ryan Smigiel, in my capacity as Authorized Agent of BKT Enterprises, L.P., a South Carolina limited partnership (the "Owner"), the owner of the property located at and commonly known as 4211 Irving Boulevard, being Lot 1 of Block B/7701, City of Dallas, listed under Dallas Central Appraisal District Account #007701000B0010000, 4221 Halifax Street, being Lot 1 of Block A/7701, City of Dallas, listed under Dallas Central Appraisal District Account #0077010A000010000, 4203 Halifax Street, being Tract 1.1 of Block 7701, City of Dallas, listed under Dallas Central Appraisal District Account #00000766195000100, 4010 Halifax Street, being Lot 3 of Block 7701, City of Dallas, listed under Dallas Central Appraisal District Account #00000766219000000, Texas (the "Real Property"), hereby designate Ryan Smigiel, Vice President of Real Estate for Southeastern Freight Lines, LLC, a South Carolina limited liability company, as Owner's attorney-in-fact, only for the limited purpose of including the Real Property in applications with the City of Dallas and the Texas Commission on Environmental Quality for or relating to adoption of a municipal setting designation ordinance under Section 51A-6.108 of the Dallas Development Code and certification of a municipal setting designation under Texas Health and Safety Code, Ch. 361, Subchapter W, to do all related acts, deeds, and things in connection with such limited purpose or related thereto, including without limitation, executing on behalf of the Owner and filing a restrictive covenant in the Dallas County Deed Records restricting the use of groundwater beneath the Real Property for any and all purposes, including consumption; appearing at public meetings and public hearings; and executing, delivering, and filing any other notices, instruments, reports, or documents incident to acquiring a municipal setting designation for the Real Property.

SIGNATURE PAGE FOLLOWS
REMAINDER OF PAGE INTENTIONALLY BLANK

LIMITED POWER OF ATTORNEY
SIGNATURE PAGE

Executed this 6th day of November 2026.

OWNER:
BKT ENTERPRISES, L.P., a South Carolina limited partnership

By: _____
Name: Ryan Smigiel
Title: Authorized Agent

STATE OF SOUTH CAROLINA

COUNTY OF LEXINGTON

This instrument was acknowledged before me on this 6th day of November, 2026, by Ryan Smigiel, Authorized Agent of BKT Enterprises, L.P., a South Carolina limited partnership.

_____
Notary Public for South Carolina

Name: RANDA JACKSON

My Commission Expires: MAY 13, 2036

(AFFIX NOTARY SEAL)

RANDA JACKSON
Notary Public, State of South Carolina
My Commission Expires 5/13/2036

# LIMITED POWER OF ATTORNEY

STATE OF TEXAS

COUNTY OF DALLAS

I, Ryan Smigiel, in my capacity as Vice President of Real Estate of CF Real Estate, LLC, a South Carolina limited liability company (the "Owner"), the owner of the property located at and commonly known as 3919 Irving Boulevard, being all of Lot 1-A, Block 2/7700, of Stewart & Stevenson Services Addition, an addition to the City of Dallas, and all of Lot 1, and part of Lot 2, Block 2/7700, of West Trinity Industrial District, an addition to the City of Dallas, Dallas County, Texas, more particularly described in Document 202600152991 in the Deed Records of Dallas County, Texas (the "Real Property"), hereby designate Ryan Smigiel, Vice President of Southeastern Freight Lines, LLC, a South Carolina limited liability company, as Owner's attorney-in-fact, only for the limited purpose of including the Real Property in applications with the City of Dallas and the Texas Commission on Environmental Quality for or relating to adoption of a municipal setting designation ordinance under Section 51A-6.108 of the Dallas Development Code and certification of a municipal setting designation under Texas Health and Safety Code, Ch. 361, Subchapter W, to do all related acts, deeds, and things in connection with such limited purpose or related thereto, including without limitation, executing on behalf of the Owner and filing a restrictive covenant in the Dallas County Deed Records restricting the use of groundwater beneath the Real Property for any and all purposes, including consumption; appearing at public meetings and public hearings; and executing, delivering, and filing any other notices, instruments, reports, or documents incident to acquiring a municipal setting designation for the Real Property.

SIGNATURE PAGE FOLLOWS
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LIMITED POWER OF ATTORNEY
SIGNATURE PAGE

Executed this 6th date of November 2026.

OWNER:
CF REAL ESTATE, LLC, a South Carolina limited liability company

By: _____
Name: Ryan Smigiel
Title: Vice President of Real Estate

STATE OF SOUTH CAROLINA

COUNTY OF LEXINGTON

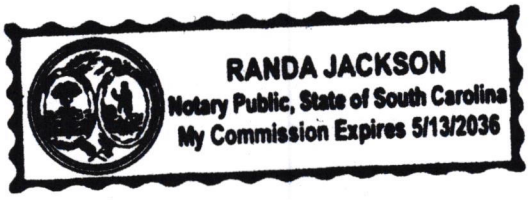
This instrument was acknowledged before me on this 6th day of November, 2026, by Ryan Smigiel, Vice President of Real Estate for CF Real Estate, LLC, a South Carolina limited liability company.

_____
Notary Public for South Carolina

Name: RANDA JACKSON

My Commission Expires: MAY 13, 2036

(AFFIX NOTARY SEAL)



# LIMITED POWER OF ATTORNEY

STATE OF TEXAS

COUNTY OF DALLAS

I, Ryan Smigiel, in my capacity as Vice President of Real Estate of CF Real Estate, LLC, a South Carolina limited liability company (the "Owner"), the owner of the property located at and commonly known as 3918 and 3920 Halifax Street, and 4001, 4003, and 4007 Irving Boulevard, being part of City of Dallas Blocks 7700 and 7701, and being all of the called Tracts 2, 3, and 5, and more particularly described in Document 202600152991 in the Deed Records of Dallas County, Texas (the "Real Property"), hereby designate Ryan Smigiel, Vice President of Real Estate of Southeastern Freight Lines, LLC, a South Carolina limited liability company, as Owner's attorney-in-fact, only for the limited purpose of including the Real Property in applications with the City of Dallas and the Texas Commission on Environmental Quality for or relating to adoption of a municipal setting designation ordinance under Section 51A-6.108 of the Dallas Development Code and certification of a municipal setting designation under Texas Health and Safety Code, Ch. 361, Subchapter W, to do all related acts, deeds, and things in connection with such limited purpose or related thereto, including without limitation, executing on behalf of the Owner and filing a restrictive covenant in the Dallas County Deed Records restricting the use of groundwater beneath the Real Property for any and all purposes, including consumption; appearing at public meetings and public hearings; and executing, delivering, and filing any other notices, instruments, reports, or documents incident to acquiring a municipal setting designation for the Real Property.

SIGNATURE PAGE FOLLOWS
REMAINDER OF PAGE INTENTIONALLY BLANK

LIMITED POWER OF ATTORNEY
SIGNATURE PAGE

Executed this 6th date of November 2026.

OWNER:
CF REAL ESTATE, LLC, a South Carolina limited liability company

By: _____
Name: Ryan Smigiel
Title: Vice President of Real Estate

STATE OF SOUTH CAROLINA

COUNTY OF LEXINGTON

This instrument was acknowledged before me on this 6th day of November, 2026, by Ryan Smigiel, Vice President of Real Estate for CF Real Estate, LLC, a South Carolina limited liability company.

_____
Notary Public for South Carolina

Name: RANDA JACKSON

My Commission Expires: MAY 13, 2036

(AFFIX NOTARY SEAL)

RANDA JACKSON
Notary Public, State of South Carolina
My Commission Expires 5/13/2036

## ITEM 27: FILING FEE

A scanned copy of the Filing Fee Check is presented below.

FROST
www.frostbank.com

1410

30-9/1140
708

**CONSOLIDATED CONSULTING GROUP LLC**
6215 COLLEYVILLE BLVD
COLLEYVILLE, TX 76034
(817) 424-9085

08/16/2024

PAY TO THE ORDER OF City of Dallas $ **3,903.00

Three Thousand Nine Hundred Three and 00/100********** DOLLARS

City of Dallas

MEMO Irving Blvd. MSD Application

AUTHORIZED SIGNATURE

⑈001410⑈ ⑆114000093⑆ 236367267⑈

**CONSOLIDATED CONSULTING GROUP LLC**

1410

| | | | |
|---|---|---|---|
| City of Dallas<br>51800 — File Research | MSD Application | 08/16/2024 | 3,903.00 |

| | | |
|---|---|---|
| Frost Bank Account | Irving Blvd. MSD Application | 3,903.00 |

Scanned with CamScanner

# ITEM 28: SUPPLEMENTAL INFORMATION

The following document is included in this item:

- Five Mile Radius Water Well Report – *Banks Environmental Data, Dated April 16, 2024*

A USB drive has been included and provided to the City of Dallas separately with the following information:

- Electronic Excel Spreadsheet of Water Well Owner Information
- Environmental Review & File Summary Report, Reed Engineering Group, Ltd. – July 2009
- Five Mile Radius Water Well Report – *Banks Environmental Data, Dated April 16, 2024*
- Phase I Environmental Site Assessment – *Modern Geosciences, Dated January 6, 2021*
- Phase II Environmental Site Assessment – *Modern Geosciences, Dated January 12, 2021*
- Phase II Environmental Site Assessment – *Consolidated Consulting Group, Dated May 18, 2021*
- Additional Subsurface Investigation Report – *Consolidated Consulting Group, Dated September 16, 2021*
- Drinking Water Survey Report – Consolidated Consulting Group, Dated December 19, 2022
- Affected Property Assessment Report (APAR) – *Consolidated Consulting Group, Dated December 20, 2022*
- APAR Update – *Consolidated Consulting Group, Dated October 31, 2023*
- Release Determination Report – *Consolidated Consulting Group, Dated November 1, 2023*
- Supplemental Deeds for surrounding properties.

**Prepared for:**
CONSOLIDATED CONSULTING GROUP, L.L.C.
6215 Colleyville Blvd.
Colleyville, TX 76034

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

# Water Well Report

4001, 4011 and 4211 Irving Boulevard

Dallas, TX

ES-143752

Tuesday, April 16, 2024

## Table of Contents


| | |
|---|---|
| Geographic Summary | 3 |
| Water Well Dataset Summary | 4 |
| Summary Map - 5.0 Mile Radius | 5 |
| Topographic Overlay Map - 5.0 Mile Radius | 6 |
| Current Imagery Overlay Map - 5.0 Mile Radius | 7 |
| Zip Code Map - 5.0 Mile Radius | 8 |
| Water Well Summary | 9 |
| Water Well Details | 18 |
| Dataset Descriptions | 730 |
| Disclaimer | 731 |

## Geographic Summary

| Location |
|---|
| TX |
| Subject property is 74.17 acres, 0.116 square miles, and has a 1.75 mile perimeter |

| Coordinates (centroid) | |
|---|---|
| Lat/Long in Degrees Minutes Seconds | 32° 48' 38.77", -96° 53' 9.37" |
| Lat/Long in Decimal Degrees | 32.810770000000005, -96.885935 |
| X/Y in NAD83 / UTM Zone 14N | 697924.6839333819, 3632288.043509585 |

| Elevation (centroid) |
|---|
| 408.92 ft |

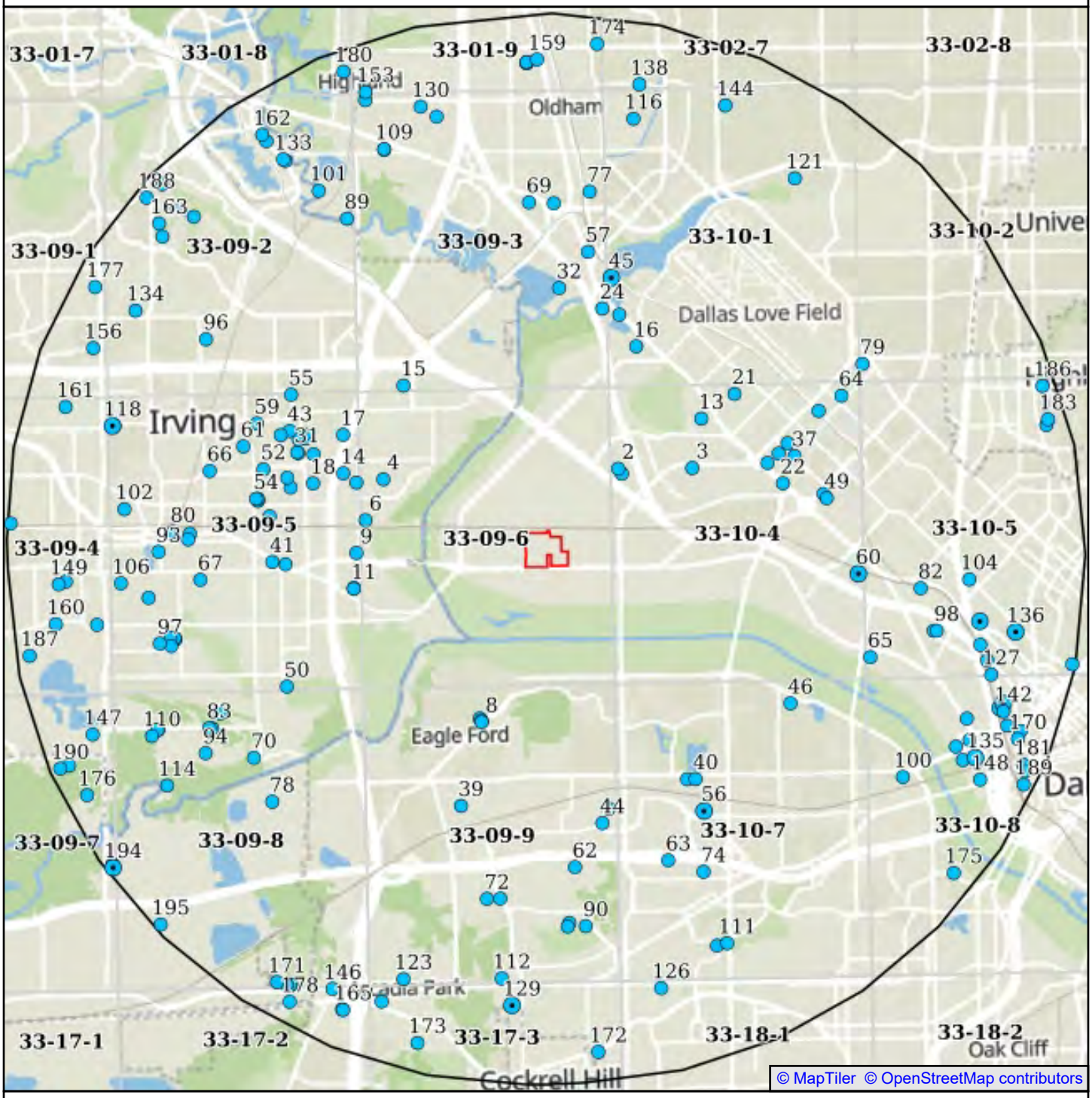
| Zip Codes Searched | |
|---|---|
| **Search Distance (mi)** | **Zip Codes** |
| Subject Property | 75247 |
| 5.0 miles | 75209, 75247, 75220, 75207, 75051, 75038, 75039, 75235, 75050, 75229, 75060, 75061, 75390, 75201, 75202, 75205, 75225, 75219, 75203, 75211, 75212, 75062, 75204, 75208 |

| Topos Searched | |
|---|---|
| **Search Distance** | **Topo Name** |
| Subject Property | Irving (1978) |
| 5.0 miles | Addison (1978), Carrollton (1978), Oak Cliff (1979), Duncanville (1978), Dallas (1978), Irving (1978) |

## Water Well Summary

| Datasets Searched | Distance | Total |
|---|---|---|
| US Water Well (WW) | 5.0 | 0 |
| TX Groundwater Supply (GWS) | 5.0 | 78 |
| TX Historical Waterwell (HIST) | 5.0 | 76 |
| TX Public Water Supply (PWS) | 5.0 | 8 |
| TX Submitted Drillers Report (SDR) | 5.0 | 48 |
| **Total Wells Found** | | **210** |

## Summary Map - 5.0 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer
Texas Quad Index

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Topographic Overlay Map - 5.0 Mile Radius

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP




### 4001, 4011 and 4211 Irving Boulevard

**Subject Property Quad Name(s)**
See Geographic Summary

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

Subject Site
Search Buffer

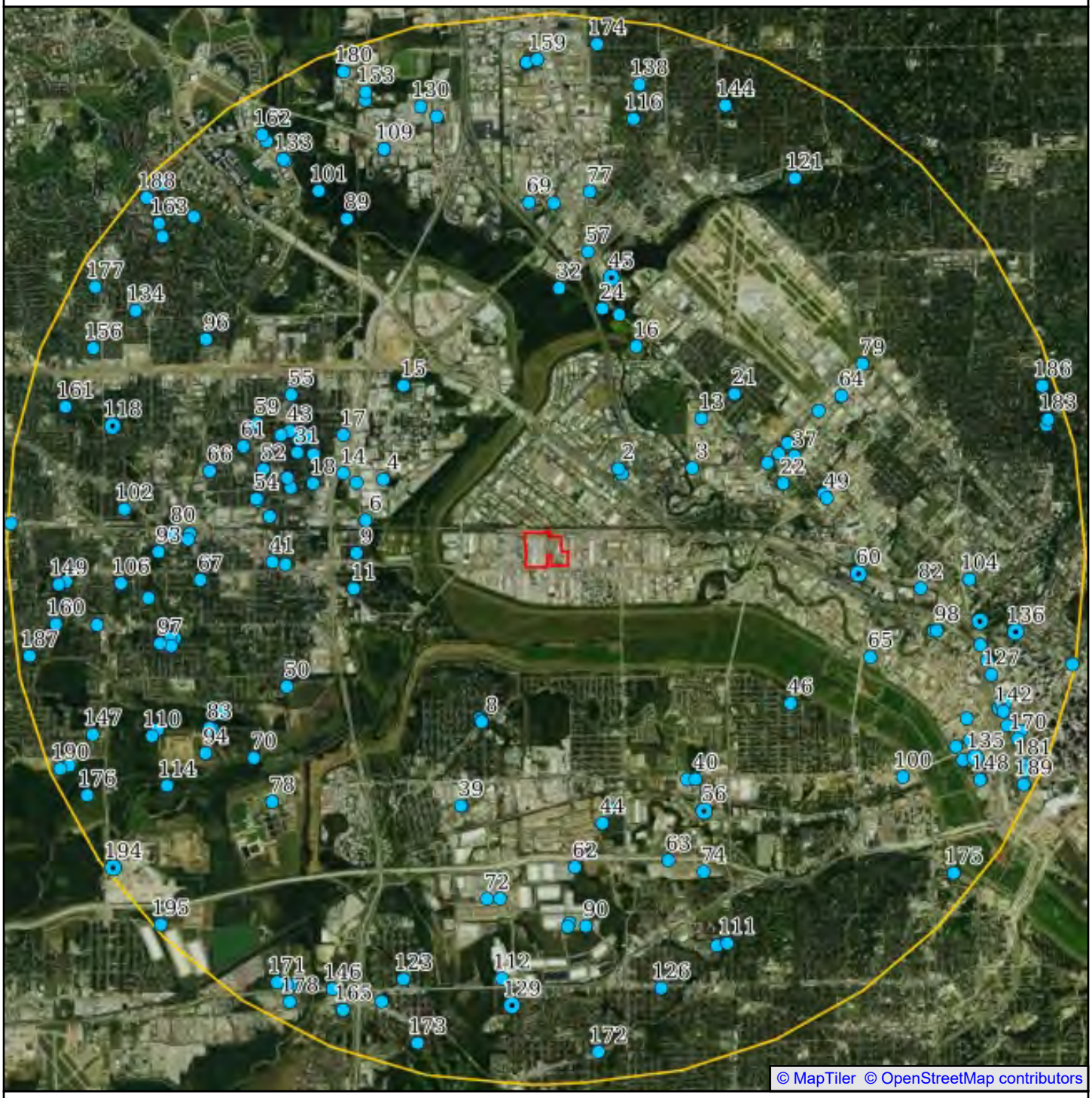
Single Water Well
Water Well Cluster

US WW,TX GWS,TX HIST,TX PWS
TX SDR

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Current Imagery Overlay Map - 5.0 Mile Radius

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer

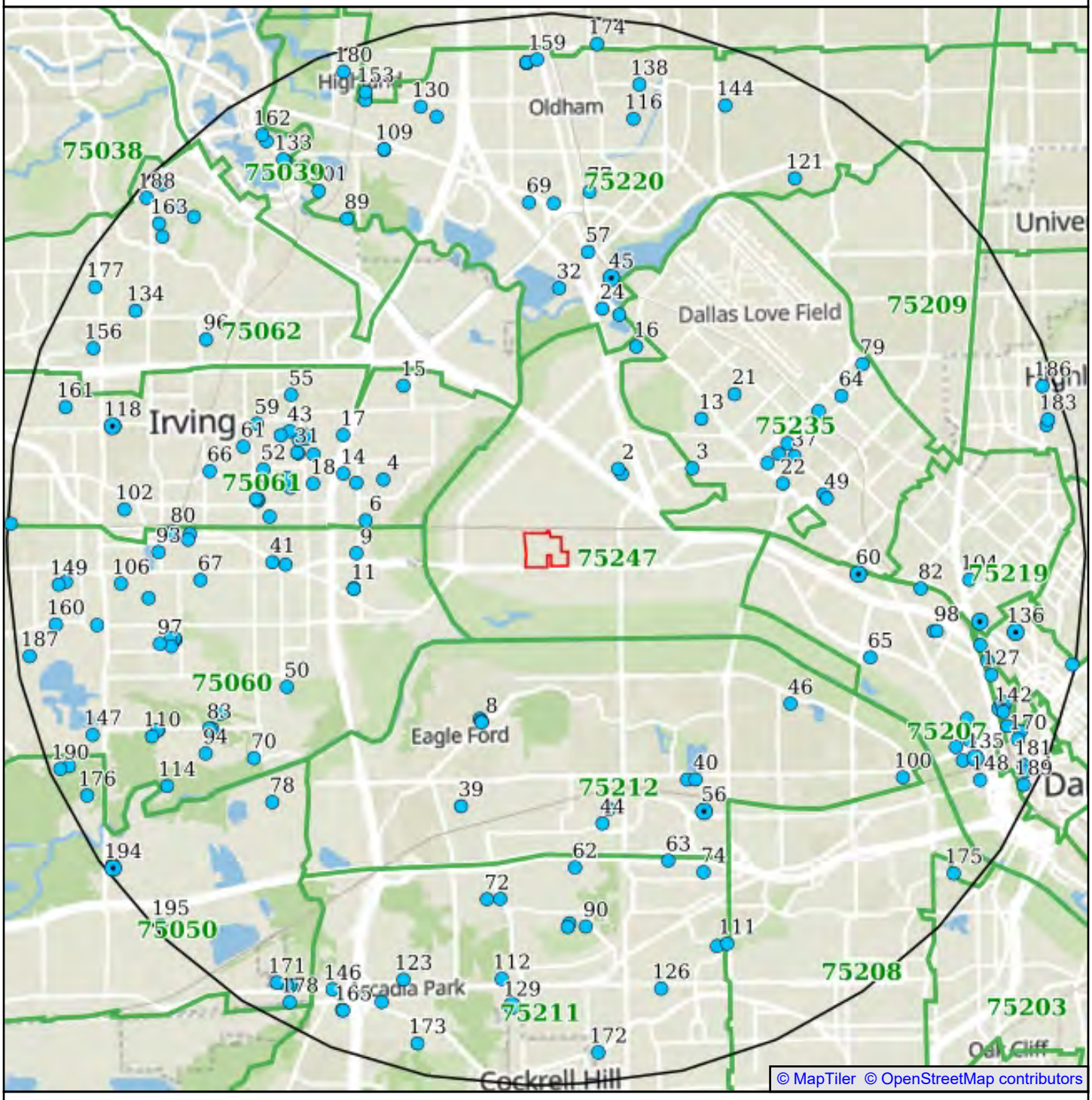
0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Zip Code Map - 5.0 Mile Radius




### 4001, 4011 and 4211 Irving Boulevard

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HIST,TX PWS
TX SDR

Subject Site
Search Buffer
Zip Code Boundary

0' 4917' 9833'

1:88500
1 in = 7375 ft
1 in = 1.397 mi
1 cm = 885 m
1 cm = 0.885 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

## Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| Map ID | Source ID | Dataset | Owner | Well Type | Drill Depth | Static Level | Completion Date | Distance | Elevation | Details Page # |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3310406 | GWS | Andersen Consulting | Plugged or Destroyed | 1366 | | 1993-12-01 | 0.85mi NE | -2.10 ft | 18 |
| 5 | 3309906 | GWS | INdependent Water | Unused | 787 | | 1947-01-01 | 1.53mi S | +4.46 ft | 27 |
| 6 | 3309601 | GWS | Petrocarbon Chemical Inc | Unused | 443 | | 1957-01-01 | 1.54mi W | +27.43 ft | 33 |
| 7 | 3309905 | GWS | Independent Water Co | Unused | 728 | | 1946-01-01 | 1.54mi S | +4.46 ft | 37 |
| 8 | 3309904 | GWS | Independent Water Co | Unused | 1325 | | 1950-01-01 | 1.55mi S | +4.46 ft | 41 |
| 12 | 3309502 | GWS | City of Irving Well #5 | Plugged or Destroyed | 2309 | | 1953-01-01 | 1.69mi W | +66.80 ft | 46 |
| 16 | 3310101 | GWS | Dallas County Park Cities Water | Unused | 2400 | | 1953-01-01 | 1.97mi NE | +33.99 ft | 50 |
| 18 | 3309506 | GWS | George Foster | Unused | 325 | | 1950-01-01 | 2.09mi W | +76.64 ft | 54 |
| 35 | 3310702 | GWS | GAF Corp | Industrial | 2525 | | 1953-01-01 | 2.36mi SE | +14.30 ft | 58 |
| 37 | 3310402 | GWS | Exchange Park Utilities | Industrial | 1527 | | 1956-01-01 | 2.38mi E | +30.71 ft | 62 |
| 38 | 3309911 | GWS | Texaco Inc | Unused | 1392 | | 1929-01-01 | 2.38mi S | +43.83 ft | 70 |
| 40 | 3310701 | GWS | City of Dallas | Unused | 2564 | | 1952-01-01 | 2.40mi SE | +14.30 ft | 74 |
| 41 | 3309512 | GWS | C.E. Fann | Industrial | 505 | | 1966-01-01 | 2.44mi W | +73.36 ft | 78 |
| 44 | 3309909 | GWS | Texaco, Inc | Unused | 2373 | | 1913-01-01 | 2.51mi S | +43.83 ft | 82 |
| 45 | 3310102 | GWS | City of Dallas | Unused | 1527 | | 1910-01-01 | 2.52mi N | +17.59 ft | 86 |
| 45 | 3310103 | GWS | City of Dallas | Unused | 542 | | 1910-01-01 | 2.52mi N | +17.59 ft | 90 |
| 50 | 3309511 | GWS | Shady Oaks Trailer Park | Public Supply | 405 | | 1969-01-01 | 2.58mi SW | +11.02 ft | 94 |
| 53 | 3309504 | GWS | City of Irving Well #2 | Plugged or Destroyed | 2267 | | 1948-01-01 | 2.59mi W | +83.20 ft | 98 |
| 54 | 3309507 | GWS | City of Irving | Plugged or Destroyed | 2250 | | 1972-06-19 | 2.61mi W | +83.20 ft | 104 |
| 56 | 3310703 | GWS | Lone Star Cement Co | Unused | 2544 | | 1953-01-01 | 2.71mi SE | +33.99 ft | 110 |
| 56 | 3310704 | GWS | Lone Star CementCo | Unused | 2585 | | 1956-01-01 | 2.71mi SE | +33.99 ft | 114 |
| 60 | 3310404 | GWS | City of Dallas | Unused | 1405 | | 1910-01-01 | 2.81mi E | -2.10 ft | 118 |
| 60 | 3310405 | GWS | City of Dallas | Unused | 693 | | 1910-01-01 | 2.81mi E | -2.10 ft | 122 |
| 62 | 3309910 | GWS | Texaco, Inc | Unused | 2485 | | 1923-01-01 | 2.91mi S | +50.39 ft | 126 |
| 64 | 3310401 | GWS | Eastman Kodak | Industrial | 2689 | | 1953-07-06 | 3.03mi NE | +63.52 ft | 130 |
| 65 | 3310506 | GWS | Lone Star Industries | Industrial | 50 | | 1969-01-01 | 3.05mi E | -2.10 ft | 139 |
| 71 | 3309901 | GWS | General Portland Cement | Unused | 1500 | | 1940-01-01 | 3.21mi S | +76.64 ft | 143 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 3309907 | GWS | General Portland Cement | Unused | 1550 | 1908-01-01 | 3.23mi S | +70.08 ft | 147 |
| 73 | 3309510 | GWS | City of Irving Old well #3 | Plugged or Destroyed | 397 | 1924-01-01 | 3.23mi W | +76.64 ft | 151 |
| 75 | 3309503 | GWS | City of Irving Well #1 | Plugged or Destroyed | 2284 | 1945-01-01 | 3.25mi W | +76.64 ft | 158 |
| 78 | 3309801 | GWS | Trinity River Authority | Industrial | 475 | 1973-01-01 | 3.33mi SW | +14.30 ft | 166 |
| 79 | 3310201 | GWS | Coca Cola Co | Irrigation | 1620 | 1956-01-01 | 3.36mi NE | +79.92 ft | 170 |
| 80 | 3309509 | GWS | City of Irving Old well #2 | Plugged or Destroyed | 494 | 1939-01-01 | 3.39mi W | +76.64 ft | 174 |
| 82 | 3310507 | GWS | City of Dallas | Unused | 1423 | 1907-01-01 | 3.42mi E | -11.94 ft | 181 |
| 84 | 3309908 | GWS | General Portland Cement | Industrial | 1514 | 1965-10-13 | 3.44mi S | +158.66 ft | 185 |
| 88 | 3309902 | GWS | General Portland Cement | Unused | 2597 | 1950-01-01 | 3.48mi S | +158.66 ft | 190 |
| 90 | 3309903 | GWS | General Portland Cement | Industrial | 2601 | 1957-01-01 | 3.49mi S | +161.94 ft | 194 |
| 94 | 3309802 | GWS | Gifford Hill and Co | Industrial | 1180 | 1976-01-01 | 3.57mi SW | -2.10 ft | 198 |
| 100 | 3310821 | GWS | Gifford-Hill and Co | Industrial | 830 | 1973-01-01 | 3.83mi SE | +1.18 ft | 203 |
| 108 | 3310706 | GWS | Stevens Plaza Apartmnt | Public Supply | 829 | 1964-01-01 | 3.95mi S | +96.33 ft | 207 |
| 111 | 3310705 | GWS | City of Dallas | Unused | 2634 | 1930-01-01 | 3.96mi S | +66.80 ft | 211 |
| 113 | 3310509 | GWS | City of Dallas | Unused | 2578 | 1911-01-01 | 4.02mi E | -2.10 ft | 216 |
| 113 | 3310508 | GWS | City of Dallas | Unused | 800 | 1911-01-01 | 4.02mi E | -2.10 ft | 220 |
| 113 | 3310510 | GWS | City of Dallas "Gill well" | Unused | 2585 | 1902-01-01 | 4.02mi E | -2.10 ft | 224 |
| 115 | 3310501 | GWS | Dallas Power and Light | Unused | 2735 | 1948-01-01 | 4.06mi E | +1.18 ft | 228 |
| 118 | 3309501 | GWS | City of Irving Old #3 Well | Plugged or Destroyed | 2184 | 1952-01-01 | 4.11mi W | +86.48 ft | 232 |
| 118 | 3309508 | GWS | City of Irving | Plugged or Destroyed | 2170 | 1971-09-09 | 4.11mi W | +86.48 ft | 238 |
| 120 | 3310802 | GWS | Dallas Power and Light | Industrial | 2728 | 1950-01-01 | 4.13mi SE | -8.66 ft | 243 |
| 124 | 3310502 | GWS | Neuhoff Brothers Meats | Industrial | 774 | 1953-01-01 | 4.16mi E | -2.10 ft | 247 |
| 126 | 3318101 | GWS | City of Dallas | Unused | 2652 | | 4.18mi S | +148.82 ft | 251 |
| 127 | 3310503 | GWS | Neuhoff Brothers Meats | Industrial | 770 | 1940-01-01 | 4.22mi E | +4.46 ft | 255 |
| 129 | 3317302 | GWS | Mt. St. Michaels Home | Unused | 1492 | | 4.24mi S | +243.96 ft | 259 |

## Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 129 | 3317301 | GWS | Mount St. Michaels | Unused | 2667 | 1947-07-04 | 4.24mi S | +243.96 ft | 263 |
| 130 | 3309301 | GWS | Texas Industries Inc | Unused | 490 | 1959-01-01 | 4.24mi N | +20.87 ft | 268 |
| 137 | 3310828 | GWS | Dallas Power and Light | Unused | 570 | 1898-01-01 | 4.40mi E | +1.18 ft | 273 |
| 137 | 3310829 | GWS | Dallas Power and Light | Unused | 1427 | 1907-01-01 | 4.40mi E | +1.18 ft | 277 |
| 139 | 3310831 | GWS | Dallas Power and Light | Unused | 1645 | 1948-01-01 | 4.41mi E | +1.18 ft | 281 |
| 139 | 3310805 | GWS | Dallas Power and Light | Industrial | 2758 | 1948-01-01 | 4.41mi E | +1.18 ft | 285 |
| 140 | 3309201 | GWS | Las Colinas Golf Course | Irrigation | 1202 | 1963-06-01 | 4.42mi NW | +50.39 ft | 289 |
| 141 | 3317303 | GWS | Dallas Co. F.W.D. #1 | Public Supply | 556 | | 4.42mi S | +86.48 ft | 293 |
| 142 | 3310804 | GWS | Dallas Power and Light | Plugged or Destroyed | 1631 | 1924-01-01 | 4.44mi E | +4.46 ft | 297 |
| 146 | 3317205 | GWS | | Domestic | 534 | | 4.48mi SW | +30.71 ft | 301 |
| 148 | 3310815 | GWS | Dallas Concrete Co | Unused | 856 | 1952-01-01 | 4.49mi SE | +7.74 ft | 305 |
| 151 | 3310806 | GWS | Dallas Power and Light | Industrial | 2754 | 1950-01-01 | 4.52mi E | +4.46 ft | 309 |
| 153 | 3301903 | GWS | Technical Chemical Co | Industrial | 523 | 1970-01-01 | 4.53mi N | +17.59 ft | 313 |
| 159 | 3301904 | GWS | Charles S. Peeple | Irrigation | 31 | 1971-01-01 | 4.56mi N | +37.27 ft | 317 |
| 169 | 3310813 | GWS | Liquid Carbonic Co | Unused | 873 | 1956-01-01 | 4.66mi E | +17.59 ft | 321 |
| 170 | 3310814 | GWS | | | | | 4.66mi SE | +17.59 ft | 325 |
| 175 | 3310822 | GWS | City of Dallas | Unused | 2750 | 1924-01-01 | 4.77mi SE | -5.38 ft | 329 |
| 179 | 3310505 | GWS | City of Highland Park | Plugged or Destroyed | 2875 | 1924-01-01 | 4.78mi E | +86.48 ft | 333 |
| 181 | 3310809 | GWS | Dallas County | Unused | 1637 | 1927-01-01 | 4.80mi SE | +20.87 ft | 337 |
| 182 | 3309706 | GWS | Quiet Acres Trailer Park | Unused | 291 | 1968-01-01 | 4.81mi W | +20.87 ft | 341 |
| 183 | 3310504 | GWS | City of Highland Park | Plugged or Destroyed | 2700 | 1913-01-01 | 4.81mi E | +86.48 ft | 345 |
| 184 | 3310808 | GWS | Dallas County | Unused | 740 | 1890-01-01 | 4.84mi SE | +20.87 ft | 350 |
| 188 | 3309202 | GWS | Las Colinas Corp | Irrigation | 1222 | 1974-04-17 | 4.88mi NW | +86.48 ft | 354 |
| 189 | 3310807 | GWS | Union Terminal Co | Unused | 2776 | 1925-01-01 | 4.89mi SE | +14.30 ft | 358 |
| 191 | 3309708 | GWS | Gifford Hill American | Industrial | 450 | 1955-01-01 | 4.91mi SW | +24.15 ft | 363 |
| 193 | 3309711 | GWS | Hanson Presure Pipe Well #2 | Plugged or Destroyed | 950 | 1955-06-08 | 4.92mi SW | +24.15 ft | 367 |

## Water Well Summary

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 33-10-4 | HIST | Andersen Consulting | Industrial | 1240 | 1993-02-01 | 0.86mi NE | +1.18 ft | 371 |
| 4 | 33-09-6 | HIST | D.J. Barbaria | Domestic | 100 | 1988-05-01 | 1.45mi NW | +47.11 ft | 382 |
| 9 | 33-09-6 | HIST | Michael Miesch | Irrigation | 366 | 2002-08-08 | 1.62mi W | +53.67 ft | 385 |
| 10 | 33-09-5X | HIST | Delbert Edwards | Domestic | 50 | 1981-04-07 | 1.67mi W | +43.83 ft | 387 |
| 11 | 33-09-5Z | HIST | Delbert Edwards | Domestic | 40 | 1981-03-30 | 1.67mi W | +47.11 ft | 390 |
| 13 | 33-10-4A | HIST | Marvin McAdams | Domestic | 45 | 1966-04-04 | 1.77mi NE | +40.55 ft | 393 |
| 14 | 33-09-6 | HIST | Frito Lay, Inc. | Industrial | 2300 | 2000-05-01 | 1.84mi W | +66.80 ft | 395 |
| 15 | 33-09-3G | HIST | Paul V. Perrin | Domestic | 550 | 1966-03-02 | 1.84mi NW | +66.80 ft | 409 |
| 17 | 33-09-5N | HIST | R.H. Lorin | Domestic | 42 | 1964-06-16 | 1.99mi NW | +79.92 ft | 411 |
| 20 | 33-09-6A | HIST | Audie Langley | Domestic | 30 | 1969-06-25 | 2.17mi W | +63.52 ft | 413 |
| 21 | 33-10-4B | HIST | Julia Alton Long | Domestic | 48 | 1970-06-12 | 2.17mi NE | +40.55 ft | 415 |
| 26 | 33-09-5F | HIST | J. Dickens | Domestic | 27 | 1974-03-20 | 2.30mi NW | +73.36 ft | 417 |
| 27 | 33-09-5Q | HIST | Lowry C. Loveless | Domestic | 42 | 1969-08-02 | 2.30mi W | +83.20 ft | 419 |
| 29 | 33-09-5M | HIST | Dr. Giles | Domestic | 50 | 1964-05-26 | 2.31mi W | +83.20 ft | 421 |
| 28 | 33-09-5 | HIST | Oak Grove Memorial Gardens | Irrigation | 470 | 2000-09-28 | 2.31mi W | +73.36 ft | 423 |
| 30 | 33-09-5Q | HIST | Glenn Herron | Irrigation | 29 | 1976-04-17 | 2.32mi NW | +70.08 ft | 425 |
| 31 | 33-09-5X | HIST | C.L. Parrish | Domestic | 42 | 1973-06-03 | 2.33mi W | +83.20 ft | 427 |
| 33 | 33-09-5K | HIST | J.C. Kirkpatrick | Irrigation | 46 | 1974-03-15 | 2.35mi W | +86.48 ft | 429 |
| 34 | 33-09-5F | HIST | Lee N. Clark | N/A | 42 | 1969-06-29 | 2.36mi NW | +79.92 ft | 431 |
| 43 | 33-09-5E | HIST | Don Owen | Domestic | 33 | 1969-07-15 | 2.47mi NW | +73.36 ft | 433 |
| 46 | 33-10-7 | HIST | Rev. P.B. Oldham Jr. | Domestic | 40 | 1972-06-20 | 2.53mi SE | -2.10 ft | 435 |
| 48 | 33-09-5S | HIST | Donald W. Adamson | Domestic | 48 | 1970-05-01 | 2.53mi NW | +79.92 ft | 437 |
| 52 | 33-09-5V | HIST | Morris F. Taylor | Irrigation | 40 | 1972-06-01 | 2.59mi W | +86.48 ft | 439 |
| 55 | 33-09-5F | HIST | Alfred Piano | Domestic | 42 | 1969-07-04 | 2.62mi NW | +93.04 ft | 441 |
| 57 | 33-09-3F | HIST | Mrs. W.W. Jones | Domestic | 40 | 1974-02-23 | 2.72mi N | +30.71 ft | 443 |
| 58 | 33-10-4 | HIST | J.D. Brown | Domestic | 40 | 1971-11-03 | 2.77mi NE | +60.24 ft | 445 |
| 59 | 33-09-5T | HIST | Fred W. Miller | Irrigation | 35 | 1971-05-01 | 2.79mi NW | +86.48 ft | 447 |

## Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 61 | 33-09-8 | HIST | Jack Yates | Irrigation | 48 | 2000-01-19 | 2.84mi W | +89.76 ft | 449 |
| 66 | 33-09-5S | HIST | Yong Ho Pak | Irrigation | 402 | 1978-12-08 | 3.10mi W | +86.48 ft | 451 |
| 67 | 33-09-5U | HIST | Lucy C. McGee | Irrigation | 32 | 1971-06-01 | 3.14mi W | +70.08 ft | 454 |
| 69 | 33-09-3A | HIST | E. E. Riney | Domestic | 50 | 1966-05-17 | 3.18mi N | +24.15 ft | 456 |
| 74 | 33-10-7B | HIST | Southwest Ind. Gas Inc. | Irrigation | 54 | 1978-02-12 | 3.24mi S | +109.45 ft | 458 |
| 76 | 33-09-8B | HIST | Ray K. Neal | Domestic | 30 | 1972-11-06 | 3.26mi SW | +11.02 ft | 460 |
| 77 | 33-09-3 | HIST | John Richardson | Irrigation | 410 | 1997-09-08 | 3.30mi N | +30.71 ft | 462 |
| 85 | 33-09-5 | HIST | Don Richter | Irrigation | 60 | 1993-06-28 | 3.45mi W | +60.24 ft | 464 |
| 86 | 32-16-6S | HIST | D.J. Richter | Irrigation | 45 | 1970-08-01 | 3.46mi W | +60.24 ft | 467 |
| 87 | 33-09-5D | HIST | C.A. Phillips | Domestic | 50 | 1969-08-06 | 3.46mi W | +60.24 ft | 469 |
| 91 | 33-09-5R | HIST | T.O. Pritchett | Domestic | 50 | 1970-05-01 | 3.50mi W | +63.52 ft | 471 |
| 92 | 33-09-5 | HIST | Jerry Thorn | Domestic | 60 | 1988-10-07 | 3.51mi W | +60.24 ft | 473 |
| 93 | 33-09-5 | HIST | Clay Gilbert | Irrigation | 63 | 1995-08-21 | 3.53mi W | +73.36 ft | 476 |
| 97 | 33-09-5Y | HIST | W.H. Covington | Domestic | 57 | 1981-04-01 | 3.61mi W | +66.80 ft | 478 |
| 99 | 33-09-5G | HIST | Bill Harris | Irrigation | 31 | 1972-04-01 | 3.65mi W | +63.52 ft | 481 |
| 106 | 33-09-5P | HIST | C.R. Niford | N/A | 60 | 1968-06-15 | 3.91mi W | +70.08 ft | 483 |
| 107 | 33-09-3E | HIST | Winston White | Domestic | 230 | 1965-03-01 | 3.94mi N | +20.87 ft | 485 |
| 109 | 33-09-3E | HIST | Holloway Const. Co. #1 | Other | 402 | 1973-09-30 | 3.95mi N | +20.87 ft | 487 |
| 110 | 33-09-8 | HIST | Arthur Broyles | Domestic | 410 | 1986-09-01 | 3.96mi SW | +17.59 ft | 489 |
| 114 | 33-09-8A | HIST | Herman H. Plattner | Domestic | 450 | 1966-11-14 | 4.05mi SW | +17.59 ft | 492 |
| 119 | 33-09-3B | HIST | A.J. Airoldi | Industrial | 20 | 1966-05-31 | 4.11mi N | +17.59 ft | 495 |
| 123 | 33-09-9 | HIST | Dallas Calco Inc. | Irrigation | 705 | 1990-05-01 | 4.15mi S | +112.73 ft | 497 |
| 125 | 33-09-4 | HIST | Riaz Hassain | N/A | 40 | 2003-12-18 | 4.17mi W | +70.08 ft | 500 |
| 143 | 33-09-4F | HIST | F.D. Gilbreath | Domestic | 48 | 1969-03-10 | 4.44mi W | +60.24 ft | 502 |
| 144 | 33-10-1A | HIST | Chas Tucker | Domestic | 41 | 1980-08-04 | 4.45mi NE | +86.48 ft | 504 |
| 145 | 33-09-3C | HIST | Technical Chemical Co. | Industrial | 523 | 1970-06-09 | 4.45mi N | +17.59 ft | 507 |
| 147 | 33-09-7C | HIST | Jack Gazin | Domestic | 315 | 1966-07-18 | 4.48mi W | +27.43 ft | 509 |
| 149 | 33-09-4J | HIST | F.C. Warming | N/A | 50 | 1970-05-01 | 4.51mi W | +66.80 ft | 511 |
| 152 | 33-01-9C | HIST | Forest Lawn Cemetary | Irrigation | 40 | 1974-03-30 | 4.52mi N | +37.27 ft | 513 |
| 154 | 33-01-9A | HIST | Forest Lawn Cemetary | Irrigation | | | 4.53mi N | +37.27 ft | 515 |
| 155 | 33-01-9A | HIST | Forest Lawn Cemetary | Domestic | 40 | 1963-05-23 | 4.53mi N | +37.27 ft | 517 |

## Water Well Summary

BANKS ENVIRONMENTAL DATA A DIVISION OF THE BANKS GROUP

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 156 | 33-09-1D | HIST | Harvy Oaks | Domestic | 50 | 1981-04-03 | 4.53mi NW | +112.73 ft | 519 |
| 158 | 33-09-3H | HIST | Charles S. Peeple | Irrigation | 31 | 1971-04-01 | 4.53mi N | +37.27 ft | 522 |
| 160 | 33-09-6 | HIST | Rex Faulkner | Irrigation | 295 | 1994-01-28 | 4.57mi W | +73.36 ft | 524 |
| 161 | 33-09-4K | HIST | Carroll McNeal | Irrigation | 33 | 1971-06-01 | 4.59mi W | +93.04 ft | 527 |
| 163 | 33-09-2E | HIST | Ray Glover | Domestic | 350 | 1980-06-05 | 4.62mi NW | +99.61 ft | 529 |
| 164 | 33-17-2B | HIST | Ben Parks | Domestic | 464 | 1970-03-30 | 4.63mi SW | +60.24 ft | 532 |
| 165 | 33-17-2B | HIST | Hill Pet Shop | N/A | 534 | 1969-03-01 | 4.63mi SW | +60.24 ft | 535 |
| 166 | 33-09-8 | HIST | Marie Mims | Domestic | 515 | 1986-05-01 | 4.63mi SW | +20.87 ft | 537 |
| 167 | 33-09-8 | HIST | Marie Mims | Domestic | 506 | 1986-04-01 | 4.63mi SW | +20.87 ft | 540 |
| 172 | 33-17-3A | HIST | Texas Auto Salvage | Domestic | 50 | 1972-12-22 | 4.71mi S | +184.91 ft | 543 |
| 174 | 33-01-9B | HIST | C.W. Cave | Domestic | 38 | 1966-05-31 | 4.73mi N | +53.67 ft | 545 |
| 176 | 33-09-7D | HIST | C.B. Drinnan | Domestic | 220 | 1967-09-18 | 4.77mi SW | +17.59 ft | 547 |
| 177 | 33-09-2C | HIST | Jim Haynes | Domestic | 50 | 1976-11-12 | 4.78mi NW | +129.13 ft | 550 |
| 178 | 33-17-2C | HIST | Cecil Farris | Domestic | 60 | 1980-09-17 | 4.78mi SW | +24.15 ft | 552 |
| 180 | 33-01-8E | HIST | Joe Canterbury | Domestic | 420 | 1978-05-01 | 4.79mi N | +17.59 ft | 555 |
| 185 | 33-09-2A | HIST | J.E. Miller | Other | 391 | 1965-12-07 | 4.86mi NW | +76.64 ft | 558 |
| 187 | 33-09-4L | HIST | Robert U. Trocke | Irrigation | 16 | 1976-08-20 | 4.87mi W | +30.71 ft | 560 |
| 190 | 33-09-7 | HIST | Westland Corp. | Domestic | 420 | 1986-09-01 | 4.90mi W | +24.15 ft | 562 |
| 24 | S0570078A | PWS | DALLAS COUNTY PARK CITIES MUD | Public Supply | | | 2.21mi N | +1.18 ft | 565 |
| 32 | S0570004C | PWS | DALLAS WATER UTILITY | Public Supply | | | 2.35mi N | +1.18 ft | 566 |
| 51 | G0570050A | PWS | CITY OF IRVING | Public Supply | 2250 | 1972-07-07 | 2.59mi W | +83.20 ft | 567 |
| 117 | G0570050B | PWS | CITY OF IRVING | Public Supply | 2170 | 1971-09-29 | 4.09mi W | +89.76 ft | 568 |
| 168 | G0570180A | PWS | TEXAS SPORTS COMPLEX | Public Supply | | | 4.65mi SW | +20.87 ft | 569 |
| 192 | G0570166B | PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | Public Supply | 950 | 1955-06-08 | 4.92mi SW | +24.15 ft | 570 |

## Water Well Summary

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 194 | G0570166D | PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | Public Supply | 450 | | 2020-12-29 | 4.93mi SW | +24.15 ft | 571 |
| 196 | G0570050C | PWS | CITY OF IRVING | Public Supply | 2117 | | 1972-01-06 | 4.96mi W | +83.20 ft | 572 |
| 3 | 151902 | SDR | Comerica Bank | Industrial | 750 | 279 | 2008-08-25 | 1.43mi NE | +4.46 ft | 573 |
| 19 | 631383 | SDR | Pediatric Health Management Services | Other | 62 | 27 | 2022-12-14 | 2.11mi E | +43.83 ft | 576 |
| 22 | 537668 | SDR | DWU | Other | 60 | 19 | 2020-01-14 | 2.18mi E | +20.87 ft | 580 |
| 23 | 537670 | SDR | DWU | Other | 40 | 28 | 2020-01-13 | 2.20mi N | +17.59 ft | 583 |
| 25 | 631385 | SDR | Pediatric Health Management Services | Other | 67 | 48 | 2022-12-18 | 2.25mi NE | +47.11 ft | 586 |
| 36 | 631389 | SDR | Pediatric Health Management Services | Other | 42 | 18 | 2022-12-12 | 2.37mi NE | +40.55 ft | 590 |
| 39 | 539409 | SDR | SINGLETON VENTURES | Other | 5 | | 2020-02-06 | 2.39mi S | +20.87 ft | 594 |
| 42 | 131008 | SDR | Bischofhausen, Richard | Domestic | 160 | 160 | 2007-10-30 | 2.46mi W | +76.64 ft | 597 |
| 47 | 427902 | SDR | UT Southwestern Medical Center | Other | 40 | 29 | 2016-07-01 | 2.53mi E | +37.27 ft | 600 |
| 49 | 427911 | SDR | UT Southwestern Medical Center | Other | 64 | 42 | 2016-07-05 | 2.55mi E | +47.11 ft | 603 |
| 63 | 439600 | SDR | Anchor Construction | Irrigation | 860 | 519 | 2016-12-13 | 3.01mi S | +125.85 ft | 607 |
| 68 | 537666 | SDR | DWU | Other | 35 | 16 | 2020-01-13 | 3.17mi N | +14.30 ft | 611 |
| 70 | 526252 | SDR | City Of Irving Landfill | Other | 8 | | 2019-10-31 | 3.21mi SW | +11.02 ft | 614 |
| 81 | 526255 | SDR | City Of Irving Landfill | Other | 5 | | 2019-10-31 | 3.40mi SW | +17.59 ft | 617 |
| 83 | 526253 | SDR | City Of Irving Landfill | Other | 8 | | 2019-10-31 | 3.43mi SW | +14.30 ft | 620 |
| 89 | 644583 | SDR | Trinity River Authority | Other | 50 | | 2023-07-25 | 3.49mi NW | +7.74 ft | 623 |
| 95 | 408668 | SDR | Feizy Properties, Ltd | Extraction | 61 | | 2015-11-05 | 3.59mi E | -5.38 ft | 626 |
| 96 | 87297 | SDR | INSURANCE DESIGN | Domestic | 100 | | 2004-05-29 | 3.60mi NW | +122.57 ft | 629 |
| 98 | 408669 | SDR | Feizy Properties, Ltd | Extraction | 62 | | 2015-11-05 | 3.62mi E | -5.38 ft | 632 |
| 101 | 644584 | SDR | Trinity River Authority | Other | 80 | | 2023-07-26 | 3.86mi NW | +11.02 ft | 635 |

## Water Well Summary

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 102 | 218951 | SDR | Wesley Dawson | Irrigation | 400 | 215 | 2010-05-21 | 3.87mi W | +83.20 ft | 638 |
| 103 | 526260 | SDR | City Of Irving Landfill | Other | 4 | | 2019-10-31 | 3.88mi W | +17.59 ft | 642 |
| 104 | 166253 | SDR | CH WOODLA WN, L.P. | Irrigation | 1040 | | 2008-07-10 | 3.88mi E | +50.39 ft | 645 |
| 105 | 526262 | SDR | City Of Irving Landfill | Other | 6 | | 2019-10-31 | 3.89mi W | +17.59 ft | 648 |
| 112 | 433878 | SDR | Taylor Farms | Public Supply | 760 | 350 | 2016-09-30 | 3.98mi S | +224.28 ft | 651 |
| 116 | 485979 | SDR | Calvary Hill Cemetary | Irrigation | 1520 | 1000 | 2018-06-20 | 4.06mi N | +66.80 ft | 654 |
| 121 | 459943 | SDR | Mr. Elliot | Irrigation | 700 | | 2017-04-21 | 4.14mi NE | +73.36 ft | 658 |
| 122 | 474889 | SDR | Trademark Property Company | Other | 30 | 27 | 2018-02-08 | 4.14mi SE | -8.66 ft | 661 |
| 128 | 474892 | SDR | Trademark Property Company | Other | 30 | 24 | 2018-02-08 | 4.23mi SE | -8.66 ft | 664 |
| 131 | 474894 | SDR | Trademark Property Company | Other | 30 | 17 | 2018-02-08 | 4.25mi SE | -8.66 ft | 667 |
| 132 | 529884 | SDR | City of Irving | Other | 22 | 14 | 2019-12-06 | 4.27mi NW | +17.59 ft | 670 |
| 133 | 582111 | SDR | City of Irving | Other | 50 | 22 | 2021-07-15 | 4.30mi NW | +20.87 ft | 673 |
| 134 | 321898 | SDR | Courtyard of roses | Irrigation | 505 | 240 | 2013-06-07 | 4.32mi NW | +129.13 ft | 677 |
| 135 | 482125 | SDR | Trademark Property Company | Other | 30 | 20 | 2018-04-18 | 4.35mi SE | -8.66 ft | 680 |
| 135 | 474896 | SDR | Trademark Property Company | Other | 30 | | 2018-02-08 | 4.35mi SE | -8.66 ft | 683 |
| 135 | 482126 | SDR | Trademark Property Company | Other | 30 | 16 | 2018-04-18 | 4.35mi SE | -8.66 ft | 686 |
| 136 | 541397 | SDR | ECS Southwest LLP | Other | 60 | | 2020-04-17 | 4.37mi E | +70.08 ft | 689 |
| 136 | 541396 | SDR | ECS Southwest LLP | Other | 60 | | 2020-04-14 | 4.37mi E | +70.08 ft | 692 |
| 138 | 373525 | SDR | Jason Achterbury | Domestic | 408 | 140 | 2014-07-15 | 4.40mi N | +70.08 ft | 695 |
| 150 | 118674 | SDR | Don Harper | Irrigation | 500 | | 2007-04-20 | 4.52mi NW | +112.73 ft | 698 |
| 157 | 582109 | SDR | City of Irving | Other | 50 | 25 | 2021-07-15 | 4.53mi NW | +20.87 ft | 702 |
| 162 | 529882 | SDR | City of Irving | Other | 22 | | 2019-12-06 | 4.60mi NW | +14.30 ft | 706 |
| 171 | 569643 | SDR | Yello Belly Drag Trip | Irrigation | 500 | | 2021-01-28 | 4.67mi SW | +20.87 ft | 709 |

## Water Well Summary

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 173 | 255992 | SDR | Dallas National Golf Club | Irrigation | 2440 | 656 | 2011-01-18 | 4.71mi S | +109.45 ft | 713 |
| 186 | 628832 | SDR | Ring | Irrigation | 1798 | | 2022-10-21 | 4.86mi E | +93.04 ft | 717 |
| 194 | 571545 | SDR | Thompson Pipe Group | Public Supply | 450 | 185 | 2020-12-29 | 4.93mi SW | +24.15 ft | 720 |
| 195 | 1873 | SDR | Deavers Construction L.P. | Industrial | 458 | 158 | 2001-06-26 | 4.93mi SW | +24.15 ft | 724 |
| 197 | 544914 | SDR | Stonelake Capitsl Partners | Other | 70 | | 2020-05-18 | 4.97mi E | +50.39 ft | 727 |

# End of Water Well Summary

## Map ID 1: GWS - 1100 EMPIRE CENTRAL PL

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

## GWS - Groundwater Supply

**Map ID: 1**

**Source: Texas Water Development Board**

**Well Number: 3310406** | **GWS - Groundwater Supply** | **Banks ID: 3310406**

**Well Address: 1100 EMPIRE CENTRAL PL, TX**

**Rel. Loc.: 0.85mi NE**

**Completion Date: 1993-12-01**

**Drill Depth: 1366.0**

**Owner: Andersen Consulting**

**Elevation: 406.82 ft (-2.10 ft)**

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J. L. Myers Co. |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-406

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310406 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.8211111 |
| **Latitude** (degrees minutes seconds) | 32° 49' 16" N |
| **Longitude** (decimal degrees) | -96.8730556 |
| **Longitude** (degrees minutes seconds) | 096° 52' 23" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 412 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1366 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 12/0/1993 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Andersen Consulting |
| **Driller** | J. L. Myers Co. |
| **Other Data Available** | Drillers Log; Electric Log |
| **Well Report Tracking Number** | |
| **Plugging Report Tracking Number** | 172307 |
| **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** | Texas Water Development Board |
| **Created Date** | 10/13/1994 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 7 | Blank | | | | 0 | 1218 |
| 4 | Blank | | | | 1130 | 1228 |
| 4 | Screen | | | | 1228 | 1240 |
| 4 | Blank | | | | 1240 | 1258 |
| 4 | Screen | | | | 1258 | 1270 |
| 4 | Blank | | | | 1270 | 1292 |
| 4 | Screen | | | | 1292 | 1310 |
| 4 | Blank | | | | 1310 | 1318 |
| 4 | Screen | | | | 1318 | 1336 |
| 4 | Blank | | | | 1336 | 1346 |
| 4 | Screen | | | | 1346 | 1360 |
| 4 | Blank | | | | 1360 | 1366 |
| 7 | Open Hole | | | | 1366 | 1406 |

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 1/5/1994 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Registered Water Well Driller

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Pope Testing Lab **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 24 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 440 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 478.38 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 28.8 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 30.7 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.5 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 7 | mg/L as CACO3 | |
| 01046 | IRON, DISSOLVED (UG/L AS FE) | | 60 | ug/L | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 120 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 0.4 | mg/L | |
| 01056 | MANGANESE, DISSOLVED (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.65 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 48.76 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 309.7 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1260 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 190.1 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 798 | mg/L | |

## Water Quality Analysis

**Sample Date:** 10/13/1994 **Sample Time:** 1130 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Sampled using TWDB protocols

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 39086 | ALKALINITY FIELD DISSOLVED AS CACO3 | | 446 | mg/L as CACO3 | |
| 82244 | ALKALINITY PHENOLPHTHALEIN FIELD DATA (MG/L) | | 18 | mg/L | |
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 17 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 446 | mg/L as CACO3 | |
| 01503 | ALPHA, DISSOLVED (PC/L) | < | 4.5 | PC/L | |
| 01106 | ALUMINUM, DISSOLVED (UG/L AS AL) | < | 20 | ug/L | |
| 01095 | ANTIMONY, DISSOLVED (UG/L AS SB) | < | 2 | ug/L | |
| 01000 | ARSENIC, DISSOLVED (UG/L AS AS) | < | 2 | ug/L | |
| 01005 | BARIUM, DISSOLVED (UG/L AS BA) | | 3.4 | ug/L | |
| 01010 | BERYLLIUM, DISSOLVED (UG/L AS BE) | < | 2 | ug/L | |
| 03503 | BETA, DISSOLVED (PC/L) | < | 4 | PC/L | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 502.78 | mg/L | |
| 01020 | BORON, DISSOLVED (UG/L AS B) | | 620 | ug/L | |
| 71870 | BROMIDE, DISSOLVED, (MG/L AS BR) | | 0.27 | mg/L | |
| 01025 | CADMIUM, DISSOLVED (UG/L AS CD) | < | 0.5 | ug/L | |
| 00915 | CALCIUM, DISSOLVED (MG/L AS CA) | | 1.7 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 20.4 | mg/L | |
| 00941 | CHLORIDE, DISSOLVED (MG/L AS CL) | | 22 | mg/L | |
| 01030 | CHROMIUM, DISSOLVED (UG/L AS CR) | < | 10 | ug/L | |
| 01035 | COBALT, DISSOLVED (UG/L AS CO) | < | 10 | ug/L | |
| 01040 | COPPER, DISSOLVED (UG/L AS CU) | < | 4 | ug/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.58 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 6 | mg/L as CACO3 | |
| 01046 | IRON, DISSOLVED (UG/L AS FE) | | 17 | ug/L | |
| 01049 | LEAD, DISSOLVED (UG/L AS PB) | < | 5 | ug/L | |
| 01130 | LITHIUM, DISSOLVED (UG/L AS LI) | | 28 | ug/L | |
| 00925 | MAGNESIUM, DISSOLVED (MG/L AS MG) | | 0.4 | mg/L | |
| 01056 | MANGANESE, DISSOLVED (UG/L AS MN) | < | 1 | ug/L | |
| 71890 | MERCURY, DISSOLVED (UG/L AS HG) | < | 0.13 | ug/L | |
| 01060 | MOLYBDENUM, DISSOLVED (UG/L AS MO) | < | 20 | ug/L | |
| 01065 | NICKEL, DISSOLVED (UG/L AS NI) | < | 10 | ug/L | |

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00618 | NITRATE NITROGEN, DISSOLVED (MG/L AS N) | | 0.01 | mg/L as N | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.04 | mg/L as NO3 | |
| 00613 | NITRITE NITROGEN, DISSOLVED (MG/L AS N) | < | 0.01 | mg/L as N | |
| 00608 | NITROGEN, AMMONIA, DISSOLVED (MG/L AS N) | | 0.62 | mg/L as N | |
| 00623 | NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N) | | 0.9 | mg/L as N | |
| 00090 | OXIDATION REDUCTION POTENTIAL (ORP), MILLIVOLTS | | -6.7 | MV | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.51 | SU | |
| 00935 | POTASSIUM, DISSOLVED (MG/L AS K) | | 2 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.8 | | |
| 01145 | SELENIUM, DISSOLVED (UG/L AS SE) | < | 4 | ug/L | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 15 | mg/L as SIO2 | |
| 01075 | SILVER, DISSOLVED (UG/L AS AG) | < | 10 | ug/L | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 53.6 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 99 | PCT | |
| 00930 | SODIUM, DISSOLVED (MG/L AS NA) | | 299 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1208 | MICR | |
| 01080 | STRONTIUM, DISSOLVED (UG/L AS SR) | | 120 | ug/L | |
| 00946 | SULFATE, DISSOLVED (MG/L AS SO4) | | 189 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 31.6 | C | |
| 01057 | THALLIUM, DISSOLVED (UG/L AS TL) | < | 2 | ug/L | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 798 | mg/L | |
| 01085 | VANADIUM, DISSOLVED (UG/L AS V) | < | 10 | ug/L | |
| 01090 | ZINC, DISSOLVED (UG/L AS ZN) | < | 10 | ug/L | |

## Water Quality Analysis

**Sample Date:** 7/15/1999 **Sample Time:** 1130 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**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 | | 433 | mg/L as CACO3 | |
| 82244 | ALKALINITY PHENOLPHTHALEIN FIELD DATA (MG/L) | | 11 | mg/L | |
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 21 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 417 | mg/L as CACO3 | |
| 01106 | ALUMINUM, DISSOLVED (UG/L AS AL) | | 6.4 | ug/L | |
| 01095 | ANTIMONY, DISSOLVED (UG/L AS SB) | < | 1 | ug/L | |
| 01000 | ARSENIC, DISSOLVED (UG/L AS AS) | < | 2 | ug/L | |
| 01005 | BARIUM, DISSOLVED (UG/L AS BA) | | 7.5 | ug/L | |
| 01010 | BERYLLIUM, DISSOLVED (UG/L AS BE) | < | 1 | ug/L | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 457.63 | mg/L | |
| 01020 | BORON, DISSOLVED (UG/L AS B) | | 622 | ug/L | |
| 71870 | BROMIDE, DISSOLVED, (MG/L AS BR) | | 0.13 | mg/L | |
| 01025 | CADMIUM, DISSOLVED (UG/L AS CD) | < | 1 | ug/L | |
| 00915 | CALCIUM, DISSOLVED (MG/L AS CA) | | 1.23 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 25.2 | mg/L | |
| 00941 | CHLORIDE, DISSOLVED (MG/L AS CL) | | 18.9 | mg/L | |
| 01030 | CHROMIUM, DISSOLVED (UG/L AS CR) | | 3.6 | ug/L | |
| 01035 | COBALT, DISSOLVED (UG/L AS CO) | < | 1 | ug/L | |
| 01040 | COPPER, DISSOLVED (UG/L AS CU) | < | 2 | ug/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.05 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 5 | mg/L as CACO3 | |
| 01046 | IRON, DISSOLVED (UG/L AS FE) | < | 50 | ug/L | |
| 01049 | LEAD, DISSOLVED (UG/L AS PB) | < | 1 | ug/L | |
| 01130 | LITHIUM, DISSOLVED (UG/L AS LI) | | 47.3 | ug/L | |
| 00925 | MAGNESIUM, DISSOLVED (MG/L AS MG) | | 0.58 | mg/L | |
| 01056 | MANGANESE, DISSOLVED (UG/L AS MN) | | 1.1 | ug/L | |
| 01060 | MOLYBDENUM, DISSOLVED (UG/L AS MO) | | 1.7 | ug/L | |
| 01065 | NICKEL, DISSOLVED (UG/L AS NI) | < | 1 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.13 | mg/L as NO3 | |

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00631 | NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N) | | 0.03 | mg/L as N | |
| 00608 | NITROGEN, AMMONIA, DISSOLVED (MG/L AS N) | | 0.653 | mg/L as N | |
| 00623 | NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N) | | 0.706 | mg/L as N | |
| 00090 | OXIDATION REDUCTION POTENTIAL (ORP), MILLIVOLTS | | 197.2 | MV | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.7 | SU | |
| 00666 | PHOSPHORUS, DISSOLVED (MG/L AS P) | < | 0.04 | mg/L as P | |
| 00935 | POTASSIUM, DISSOLVED (MG/L AS K) | | 1.18 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.23 | | |
| 01145 | SELENIUM, DISSOLVED (UG/L AS SE) | < | 4 | ug/L | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 15.2 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 52.89 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 99 | PCT | |
| 00930 | SODIUM, DISSOLVED (MG/L AS NA) | | 284 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1216 | MICR | |
| 01080 | STRONTIUM, DISSOLVED (UG/L AS SR) | | 115 | ug/L | |
| 00946 | SULFATE, DISSOLVED (MG/L AS SO4) | | 180 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 32.6 | C | |
| 01057 | THALLIUM, DISSOLVED (UG/L AS TL) | < | 1 | ug/L | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 752 | mg/L | |
| 01085 | VANADIUM, DISSOLVED (UG/L AS V) | | 1 | ug/L | |
| 01090 | ZINC, DISSOLVED (UG/L AS ZN) | < | 2 | ug/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 5: GWS - 3713 WEISENBERGER DR

| | | |
|---|---|---|
| **Map ID: 5** | | **Source: Texas Water Development Board** |
| **Well Number: 3309906** | **GWS - Groundwater Supply** | **Banks ID: 3309906** |
| **Well Address: 3713 WEISENBERGER DR, TX** | | **Rel. Loc.: 1.53mi S** |
| **Completion Date: 1947-01-01** | | **Drill Depth: 787.0** |
| **Owner: INdependent Water** | | **Elevation: 413.39 ft (+4.46 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | N.C. Andrews |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-906

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309906 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.787222 |
| **Latitude** (degrees minutes seconds) | 32° 47' 14" N |
| **Longitude** (decimal degrees) | -96.8975 |
| **Longitude** (degrees minutes seconds) | 096° 53' 51" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 413 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 787 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1947 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | INdependent Water |
| **Driller** | N.C. Andrews |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 9/23/1948 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 490 | mg/L as CACO3 | |
| 00910 | CALCIUM (MG/L) | | 28 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 138 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 98 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 7 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.6 | SU | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 21.28 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 91 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 486 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 424 | mg/L as SO4 | |

## Water Quality Analysis

**Sample Date:** 3/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 4 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 545 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 655.33 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 18 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 4.8 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 238 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 69 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 400 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 6 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 31 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.4 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 9.51 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 26 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 27.32 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 524 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 291 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1462 | mg/L | |

## Water Quality Analysis

**Sample Date:** 10/8/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 365 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 445 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 16 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 261 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 0.6 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 42 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 4.7 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.1 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 6.41 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 13 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 24.98 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 381 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1700 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 145 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 22 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1041 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 6: GWS

| | | |
|---|---|---|
| **Map ID: 6** | | **Source: Texas Water Development Board** |
| **Well Number: 3309601** | **GWS - Groundwater Supply** | **Banks ID: 3309601** |
| **Well Address: TX** | | **Rel. Loc.: 1.54mi W** |
| **Completion Date: 1957-01-01** | | **Drill Depth: 443.0** |
| **Owner: Petrocarbon Chemical Inc** | | **Elevation: 436.35 ft (+27.43 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-601

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309601 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.815278 |
| **Latitude** (degrees minutes seconds) | 32° 48' 55" N |
| **Longitude** (decimal degrees) | -96.915834 |
| **Longitude** (degrees minutes seconds) | 096° 54' 57" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 438 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 443 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1957 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Petrocarbon Chemical Inc |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 7: GWS - 4707 BERNAL DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 7** | | **Source: Texas Water Development Board** |
| **Well Number: 3309905** | **GWS - Groundwater Supply** | **Banks ID: 3309905** |
| **Well Address: 4707 BERNAL DR, TX** | | **Rel. Loc.: 1.54mi S** |
| **Completion Date: 1946-01-01** | | **Drill Depth: 728.0** |
| **Owner: Independent Water Co** | | **Elevation: 413.39 ft (+4.46 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | N.C. Andrews |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-905

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309905 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.786945 |
| **Latitude** (degrees minutes seconds) | 32° 47' 13" N |
| **Longitude** (decimal degrees) | -96.897222 |
| **Longitude** (degrees minutes seconds) | 096° 53' 50" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 413 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 728 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1946 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Independent Water Co |
| **Driller** | N.C. Andrews |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-905

## Water Quality Analysis

**Sample Date:** 9/23/1948 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 15 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 490 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 561.36 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 25 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 18 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 138 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 74 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 100 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.31 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 10 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 24.76 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 93 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 492 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 413 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1377 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 8: GWS - 4707 BERNAL DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 8** | | **Source: Texas Water Development Board** |
| **Well Number: 3309904** | **GWS - Groundwater Supply** | **Banks ID: 3309904** |
| **Well Address: 4707 BERNAL DR, TX** | | **Rel. Loc.: 1.55mi S** |
| **Completion Date: 1950-01-01** | | **Drill Depth: 1325.0** |
| **Owner: Independent Water Co** | | **Elevation: 413.39 ft (+4.46 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | C.M. Stoner Drilling |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-904

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309904 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.786667 |
| **Latitude** (degrees minutes seconds) | 32° 47' 12" N |
| **Longitude** (decimal degrees) | -96.897222 |
| **Longitude** (degrees minutes seconds) | 096° 53' 50" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 413 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1325 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1950 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Independent Water Co |
| **Driller** | C.M. Stoner Drilling |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 3/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 420 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 512.55 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 8 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 25 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 32 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.6 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.75 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 16 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 20.05 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 262 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 140 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 707 | mg/L | |

## Water Quality Analysis

**Sample Date:** 11/7/1955 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 30 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 420 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 439.32 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 3 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 36 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 28 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 11 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | < | 20 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 1 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 100 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.17 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 35 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 274 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 142 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 713 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 12: GWS

| | | |
|---|---|---|
| **Map ID: 12** | | **Source: Texas Water Development Board** |
| **Well Number: 3309502** | **GWS - Groundwater Supply** | **Banks ID: 3309502** |
| **Well Address: TX** | | **Rel. Loc.: 1.69mi W** |
| **Completion Date: 1953-01-01** | | **Drill Depth: 2309.0** |
| **Owner: City of Irving Well #5** | | **Elevation: 475.72 ft (+66.80 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-502

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309502 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.820555 |
| **Latitude** (degrees minutes seconds) | 32° 49' 14" N |
| **Longitude** (decimal degrees) | -96.917222 |
| **Longitude** (degrees minutes seconds) | 096° 55' 02" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 480 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2309 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1953 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving Well #5 |
| **Driller** | Layne-Texas Co |
| **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** | 5 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 10/17/1956 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-502

## Water Quality Analysis

**Sample Date:** 2/27/1961 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** storage

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 398 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 485.7 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 5 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 86 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 20 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 80 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 2 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.1 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.55 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 35.66 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 373 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1904 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 370 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1077 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 16: GWS - 1811 REGAL ROW

| | | |
|---|---|---|
| **Map ID: 16** | | **Source: Texas Water Development Board** |
| **Well Number: 3310101** | **GWS - Groundwater Supply** | **Banks ID: 3310101** |
| **Well Address: 1811 REGAL ROW, TX** | | **Rel. Loc.: 1.97mi NE** |
| **Completion Date: 1953-01-01** | | **Drill Depth: 2400.0** |
| **Owner: Dallas County Park Cities Water** | | **Elevation: 442.91 ft (+33.99 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Texas Water Wells |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-101

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310101 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.838889 |
| **Latitude** (degrees minutes seconds) | 32° 50' 20" N |
| **Longitude** (decimal degrees) | -96.870278 |
| **Longitude** (degrees minutes seconds) | 096° 52' 13" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 440 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2400 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1953 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas County Park Cities Water |
| **Driller** | Texas Water Wells |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 18: GWS

| | | |
|---|---|---|
| **Map ID: 18** | | **Source: Texas Water Development Board** |
| **Well Number: 3309506** | **GWS - Groundwater Supply** | **Banks ID: 3309506** |
| **Well Address: TX** | | **Rel. Loc.: 2.09mi W** |
| **Completion Date: 1950-01-01** | | **Drill Depth: 325.0** |
| **Owner: George Foster** | | **Elevation: 485.56 ft (+76.64 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-506

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309506 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.820555 |
| **Latitude** (degrees minutes seconds) | 32° 49' 14" N |
| **Longitude** (decimal degrees) | -96.924444 |
| **Longitude** (degrees minutes seconds) | 096° 55' 28" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 485 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 325 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1950 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | Historical |
| **Water Quality Available** | No |
| **Pump** | Piston |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Windmill |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | George Foster |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***Well Tests - No Data***

***Lithology - No Data***

***Annular Seal Range - No Data***

***Borehole - No Data***

***Plugged Back - No Data***

***Filter Pack - No Data***

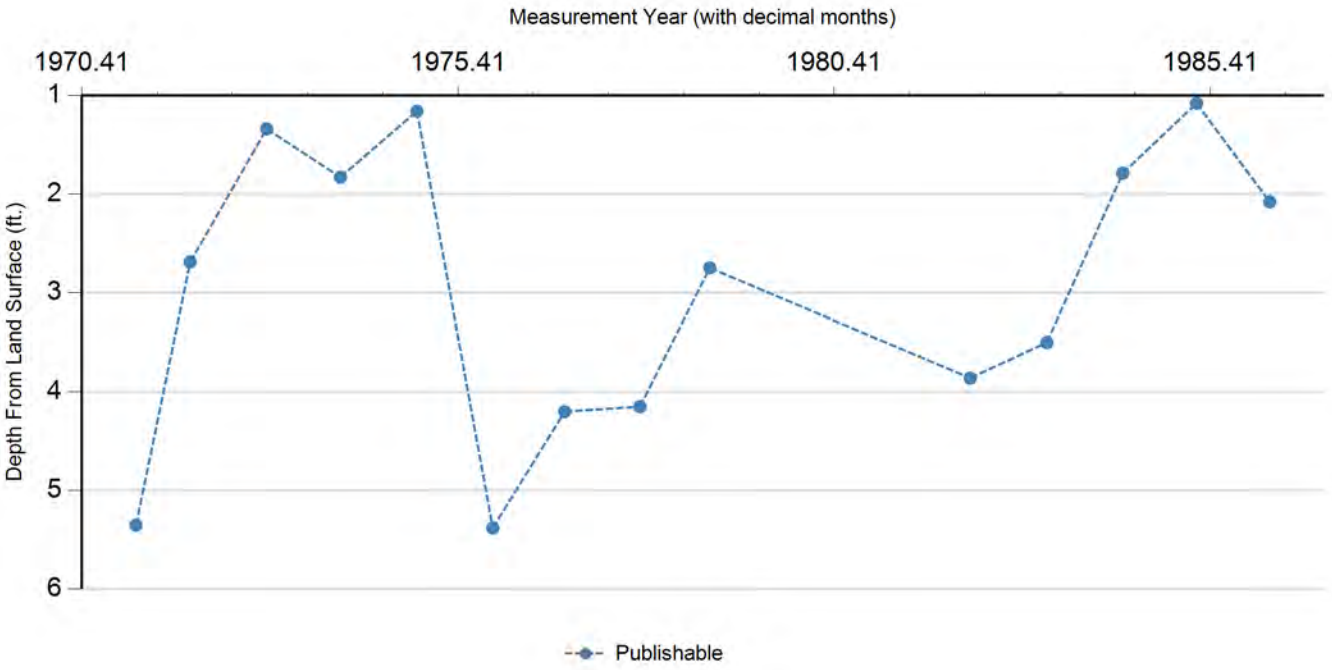
***Packers - No Data***

Texas Water Development Board

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-506

groundwater division

## 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 | 2/16/1971 | | 5.35 | | 479.65 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/9/1971 | | 2.69 | (2.66) | 482.31 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/15/1972 | | 1.34 | (1.35) | 483.66 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/8/1973 | | 1.83 | 0.49 | 483.17 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/14/1974 | | 1.16 | (0.67) | 483.84 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/17/1975 | | 5.38 | 4.22 | 479.62 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/1/1976 | | 4.2 | (1.18) | 480.8 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 11/1/1977 | | 4.15 | (0.05) | 480.85 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 10/5/1978 | | 2.75 | (1.40) | 482.25 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 3/18/1982 | | 3.86 | 1.11 | 481.14 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 3/25/1983 | | 3.5 | (0.36) | 481.5 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 3/28/1984 | | 1.79 | (1.71) | 483.21 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 3/21/1985 | | 1.08 | (0.71) | 483.92 | 1 | Texas Water Development Board | Steel Tape | | |
| P | 3/11/1986 | | 2.08 | 1.00 | 482.92 | 1 | Texas Water Development Board | Steel Tape | | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |

## Water Quality Analysis - No Data Available

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## Map ID 35: GWS - 2600 SINGLETON BLVD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 35** | | **Source: Texas Water Development Board** |
| **Well Number: 3310702** | **GWS - Groundwater Supply** | **Banks ID: 3310702** |
| **Well Address: 2600 SINGLETON BLVD, TX** | | **Rel. Loc.: 2.36mi SE** |
| **Completion Date: 1953-01-01** | | **Drill Depth: 2525.0** |
| **Owner: GAF Corp** | | **Elevation: 423.23 ft (+14.30 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-702

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310702 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.778055 |
| **Latitude** (degrees minutes seconds) | 32° 46' 41" N |
| **Longitude** (decimal degrees) | -96.863334 |
| **Longitude** (degrees minutes seconds) | 096° 51' 48" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 440 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2525 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1953 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | GAF Corp |
| **Driller** | Layne-Texas Co |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 0/0/1961 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Private Firm or Industry

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Laboratory Unknown **Reliability:**

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 33.33 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 392.8 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 398 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 10 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 40 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 117 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 45 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 5 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 6.95 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 51.97 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 806 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 266 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1439 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 37: GWS - 6303 FOREST PARK RD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 37** | | **Source: Texas Water Development Board** |
| **Well Number: 3310402** | **GWS - Groundwater Supply** | **Banks ID: 3310402** |
| **Well Address: 6303 FOREST PARK RD, TX** | | **Rel. Loc.: 2.38mi E** |
| **Completion Date: 1956-01-01** | | **Drill Depth: 1527.0** |
| **Owner: Exchange Park Utilities** | | **Elevation: 439.63 ft (+30.71 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-402

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310402 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.823055 |
| **Latitude** (degrees minutes seconds) | 32° 49' 23" N |
| **Longitude** (decimal degrees) | -96.844445 |
| **Longitude** (degrees minutes seconds) | 096° 50' 40" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 428 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1527 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 1/0/1956 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **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** | Exchange Park  Utilities |
| **Driller** | J.L. Myers Sons |
| **Other Data Available** | Aquifer Test; Drillers Log |
| **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** | Texas Water Development Board |
| **Created Date** | 6/4/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Reported yield 215 GPM in 1956. Aquifer test and results in TWDB file. |

## Casing

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 16 | Blank | Steel | | | 0 | 60 |
| 11 | Blank | Steel | | | 0 | 1332 |
| 7 | Blank | Steel | | | 1160 | 1332 |
| 7 | Screen | Steel | | | 1332 | 1340 |
| 7 | Blank | Steel | | | 1340 | 1344 |
| 7 | Screen | Steel | | | 1344 | 1360 |
| 7 | Blank | Steel | | | 1360 | 1385 |
| 7 | Screen | Steel | | | 1385 | 1390 |
| 7 | Blank | Steel | | | 1390 | 1418 |
| 7 | Screen | Steel | | | 1418 | 1443 |
| 7 | Blank | Steel | | | 1443 | 1447 |
| 7 | Screen | Steel | | | 1447 | 1457 |
| 7 | Blank | Steel | | | 1457 | 1475 |
| 7 | Screen | Steel | | | 1475 | 1481 |
| 7 | Blank | Steel | | | 1481 | 1488 |
| 7 | Screen | Steel | | | 1488 | 1514 |
| 7 | Blank | Steel | | | 1514 | 1527 |

***Well Tests - No Data***

***Lithology - No Data***

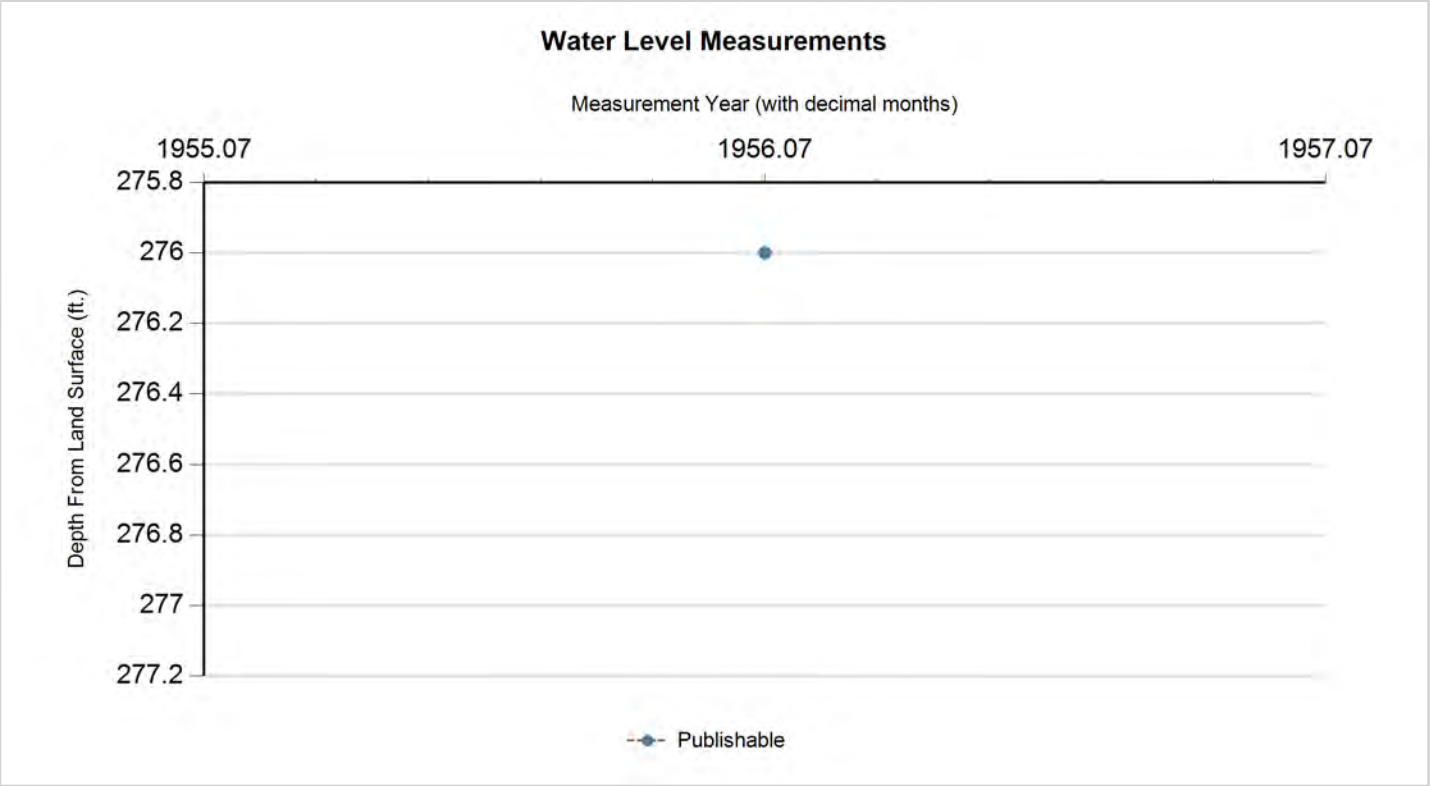
***Annular Seal Range - No Data***

***Borehole - No Data***

***Plugged Back - No Data***

***Filter Pack - No Data***

***Packers - No Data***




| 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 | 1/25/1956 | | 276 | | 152 | 1 | Registered Water Well Driller | Unknown | | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |

## Water Quality Analysis

**Sample Date:** 6/4/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 431 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 525.97 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 29 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 8 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.73 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 2.6 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.44 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 15 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 48.58 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 337 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1562 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 257 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 32 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 904 | mg/L | |

## Water Quality Analysis

**Sample Date:** 7/27/1987 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** discharge at cooling tower

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 7 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 441 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 521.09 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 3 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 8.4 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 27 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.6 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 8 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.14 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 2.66 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 00937 | POTASSIUM, TOTAL (MG/L AS K) | | 1 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.66 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 15 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 51.94 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 339 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1595 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 250 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 904 | mg/L | |

## Water Quality Analysis

**Sample Date:** 10/13/1994 **Sample Time:** 0945 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Sampled using TWDB protocols

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 39086 | ALKALINITY FIELD DISSOLVED AS CACO3 | | 448 | mg/L as CACO3 | |
| 82244 | ALKALINITY PHENOLPHTHALEIN FIELD DATA (MG/L) | | 8 | mg/L | |
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 11 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 442 | mg/L as CACO3 | |
| 01503 | ALPHA, DISSOLVED (PC/L) | < | 4.7 | PC/L | |
| 01106 | ALUMINUM, DISSOLVED (UG/L AS AL) | | 23 | ug/L | |
| 01095 | ANTIMONY, DISSOLVED (UG/L AS SB) | < | 2 | ug/L | |
| 01000 | ARSENIC, DISSOLVED (UG/L AS AS) | < | 2 | ug/L | |
| 01005 | BARIUM, DISSOLVED (UG/L AS BA) | | 3.8 | ug/L | |
| 01010 | BERYLLIUM, DISSOLVED (UG/L AS BE) | < | 2 | ug/L | |
| 03503 | BETA, DISSOLVED (PC/L) | < | 5.1 | PC/L | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 512.55 | mg/L | |
| 01020 | BORON, DISSOLVED (UG/L AS B) | | 740 | ug/L | |
| 71870 | BROMIDE, DISSOLVED, (MG/L AS BR) | | 0.42 | mg/L | |
| 01025 | CADMIUM, DISSOLVED (UG/L AS CD) | < | 0.5 | ug/L | |
| 00915 | CALCIUM, DISSOLVED (MG/L AS CA) | | 2.3 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 13.2 | mg/L | |
| 00941 | CHLORIDE, DISSOLVED (MG/L AS CL) | | 27 | mg/L | |
| 01030 | CHROMIUM, DISSOLVED (UG/L AS CR) | < | 10 | ug/L | |
| 01035 | COBALT, DISSOLVED (UG/L AS CO) | < | 10 | ug/L | |
| 01040 | COPPER, DISSOLVED (UG/L AS CU) | < | 4 | ug/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.68 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 8 | mg/L as CACO3 | |
| 01046 | IRON, DISSOLVED (UG/L AS FE) | < | 10 | ug/L | |
| 01049 | LEAD, DISSOLVED (UG/L AS PB) | < | 5 | ug/L | |
| 01130 | LITHIUM, DISSOLVED (UG/L AS LI) | | 44 | ug/L | |
| 00925 | MAGNESIUM, DISSOLVED (MG/L AS MG) | | 0.7 | mg/L | |
| 01056 | MANGANESE, DISSOLVED (UG/L AS MN) | < | 1 | ug/L | |
| 71890 | MERCURY, DISSOLVED (UG/L AS HG) | < | 0.13 | ug/L | |
| 01060 | MOLYBDENUM, DISSOLVED (UG/L AS MO) | < | 50 | ug/L | |
| 01065 | NICKEL, DISSOLVED (UG/L AS NI) | < | 10 | ug/L | |

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00618 | NITRATE NITROGEN, DISSOLVED (MG/L AS N) | | 0.77 | mg/L as N | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3.4 | mg/L as NO3 | |
| 00613 | NITRITE NITROGEN, DISSOLVED (MG/L AS N) | | 0.01 | mg/L as N | |
| 00608 | NITROGEN, AMMONIA, DISSOLVED (MG/L AS N) | | 0.04 | mg/L as N | |
| 00623 | NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N) | | 0.1 | mg/L as N | |
| 00090 | OXIDATION REDUCTION POTENTIAL (ORP), MILLIVOLTS | | -52.2 | MV | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.39 | SU | |
| 00935 | POTASSIUM, DISSOLVED (MG/L AS K) | | 2.3 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.67 | | |
| 01145 | SELENIUM, DISSOLVED (UG/L AS SE) | < | 4 | ug/L | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 15 | mg/L as SIO2 | |
| 01075 | SILVER, DISSOLVED (UG/L AS AG) | < | 10 | ug/L | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 49.93 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00930 | SODIUM, DISSOLVED (MG/L AS NA) | | 337 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1366 | MICR | |
| 01080 | STRONTIUM, DISSOLVED (UG/L AS SR) | | 150 | ug/L | |
| 00946 | SULFATE, DISSOLVED (MG/L AS SO4) | | 270 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 30.7 | C | |
| 01057 | THALLIUM, DISSOLVED (UG/L AS TL) | < | 2 | ug/L | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 924 | mg/L | |
| 01085 | VANADIUM, DISSOLVED (UG/L AS V) | < | 10 | ug/L | |
| 01090 | ZINC, DISSOLVED (UG/L AS ZN) | | 40.4 | ug/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 38: GWS - 2210 ST GERMAIN RD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 38** | | **Source: Texas Water Development Board** |
| **Well Number: 3309911** | **GWS - Groundwater Supply** | **Banks ID: 3309911** |
| **Well Address: 2210 ST GERMAIN RD, TX** | | **Rel. Loc.: 2.38mi S** |
| **Completion Date: 1929-01-01** | | **Drill Depth: 1392.0** |
| **Owner: Texaco Inc** | | **Elevation: 452.76 ft (+43.83 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | B.J.Harper |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-911

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309911 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.774167 |
| **Latitude** (degrees minutes seconds) | 32° 46' 27" N |
| **Longitude** (decimal degrees) | -96.876389 |
| **Longitude** (degrees minutes seconds) | 096° 52' 35" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 450 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1392 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1929 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Texaco Inc |
| **Driller** | B.J.Harper |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/1/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 27 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 537 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 49 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.4 | mg/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.35 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 30.38 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 330 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 222 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 873 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 40: GWS - 2600 SINGLETON BLVD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 40** | | **Source: Texas Water Development Board** |
| **Well Number: 3310701** | **GWS - Groundwater Supply** | **Banks ID: 3310701** |
| **Well Address: 2600 SINGLETON BLVD, TX** | | **Rel. Loc.: 2.40mi SE** |
| **Completion Date: 1952-01-01** | | **Drill Depth: 2564.0** |
| **Owner: City of Dallas** | | **Elevation: 423.23 ft (+14.30 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-701

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310701 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.778055 |
| **Latitude** (degrees minutes seconds) | 32° 46' 41" N |
| **Longitude** (decimal degrees) | -96.861945 |
| **Longitude** (degrees minutes seconds) | 096° 51' 43" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 418 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2564 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1952 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | J.L. Myers Sons |
| **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** | CITY OF DALLAS 42 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 41: GWS

| | | |
|---|---|---|
| **Map ID: 41** | | **Source: Texas Water Development Board** |
| **Well Number: 3309512** | **GWS - Groundwater Supply** | **Banks ID: 3309512** |
| **Well Address: TX** | | **Rel. Loc.: 2.44mi W** |
| **Completion Date: 1966-01-01** | | **Drill Depth: 505.0** |
| **Owner: C.E. Fann** | | **Elevation: 482.28 ft (+73.36 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | E.C. Stone Water Well Drilling |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-512

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309512 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.809723 |
| **Latitude** (degrees minutes seconds) | 32° 48' 35" N |
| **Longitude** (decimal degrees) | -96.931389 |
| **Longitude** (degrees minutes seconds) | 096° 55' 53" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 482 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 505 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1966 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | C.E. Fann |
| **Driller** | E.C. Stone Water Well Drilling |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/2/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** pressure tank

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 5 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 479 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 572.34 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 6 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 133 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 3.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 14 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.4 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 9.3 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 14 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 63.73 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 550 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 2814 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 550 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 23 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1546 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 44: GWS - 3501 LA REUNION PKWY

| | | |
|---|---|---|
| **Map ID: 44** | | **Source: Texas Water Development Board** |
| **Well Number: 3309909** | **GWS - Groundwater Supply** | **Banks ID: 3309909** |
| **Well Address: 3501 LA REUNION PKWY, TX** | | **Rel. Loc.: 2.51mi S** |
| **Completion Date: 1913-01-01** | | **Drill Depth: 2373.0** |
| **Owner: Texaco, Inc** | | **Elevation: 452.76 ft (+43.83 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | The Texaco Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-909

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309909 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.772222 |
| **Latitude** (degrees minutes seconds) | 32° 46' 20" N |
| **Longitude** (decimal degrees) | -96.8775 |
| **Longitude** (degrees minutes seconds) | 096° 52' 39" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 450 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2373 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1913 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Texaco, Inc |
| **Driller** | The Texaco Co |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/1/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 409.84 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 500 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 13 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 79 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 53 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 5 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.13 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 28.68 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 480 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 543 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1370 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 45: GWS - 9500 DENTON DR

**Map ID: 45**

**Source: Texas Water Development Board**

**Well Number: 3310102** | **GWS - Groundwater Supply** | **Banks ID: 3310102**

**Well Address: 9500 DENTON DR, TX** | **Rel. Loc.: 2.52mi N**

**Completion Date: 1910-01-01** | **Drill Depth: 1527.0**

**Owner: City of Dallas** | **Elevation: 426.51 ft (+17.59 ft)**

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | R.H. and Dearing Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 45 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | 9500 DENTON DR, TX | 86 |
| GWS | City of Dallas | 9500 DENTON DR, TX | 90 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-102

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310102 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.848611 |
| **Latitude** (degrees minutes seconds) | 32° 50' 55" N |
| **Longitude** (decimal degrees) | -96.874167 |
| **Longitude** (degrees minutes seconds) | 096° 52' 27" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1527 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1910 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H. and Dearing Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 45: GWS - 9500 DENTON DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 45** | | **Source: Texas Water Development Board** |
| **Well Number: 3310103** | **GWS - Groundwater Supply** | **Banks ID: 3310103** |
| **Well Address: 9500 DENTON DR, TX** | | **Rel. Loc.: 2.52mi N** |
| **Completion Date: 1910-01-01** | | **Drill Depth: 542.0** |
| **Owner: City of Dallas** | | **Elevation: 426.51 ft (+17.59 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | R.H.Dearing and Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 45 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | 9500 DENTON DR, TX | 86 |
| GWS | City of Dallas | 9500 DENTON DR, TX | 90 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-103

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310103 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.848611 |
| **Latitude** (degrees minutes seconds) | 32° 50' 55" N |
| **Longitude** (decimal degrees) | -96.874167 |
| **Longitude** (degrees minutes seconds) | 096° 52' 27" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 542 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1910 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H.Dearing and Sons |
| **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** | |
| **Created Date** | 10/17/2002 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 50: GWS

| | | |
|---|---|---|
| **Map ID: 50** | | **Source: Texas Water Development Board** |
| **Well Number: 3309511** | **GWS - Groundwater Supply** | **Banks ID: 3309511** |
| **Well Address: TX** | | **Rel. Loc.: 2.58mi SW** |
| **Completion Date: 1969-01-01** | | **Drill Depth: 405.0** |
| **Owner: Shady Oaks Trailer Park** | | **Elevation: 419.95 ft (+11.02 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | A.B. Hoipkemeier Drilling |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-511

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309511 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.792222 |
| **Latitude** (degrees minutes seconds) | 32° 47' 32" N |
| **Longitude** (decimal degrees) | -96.929444 |
| **Longitude** (degrees minutes seconds) | 096° 55' 46" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 405 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1969 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Public Supply |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Shady Oaks Trailer Park |
| **Driller** | A.B. Hoipkemeier Drilling |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/2/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** pressure tank

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 451 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 550.38 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 96 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.7 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 11 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 2.7 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 7.8 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.79 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 57.93 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 500 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 2394 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 497 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 23 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1384 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 53: GWS

| | | |
|---|---|---|
| **Map ID: 53** | | **Source: Texas Water Development Board** |
| **Well Number: 3309504** | **GWS - Groundwater Supply** | **Banks ID: 3309504** |
| **Well Address: TX** | | **Rel. Loc.: 2.59mi W** |
| **Completion Date: 1948-01-01** | | **Drill Depth: 2267.0** |
| **Owner: City of Irving Well #2** | | **Elevation: 492.13 ft (+83.20 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-504

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309504 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.818611 |
| **Latitude** (degrees minutes seconds) | 32° 49' 07" N |
| **Longitude** (decimal degrees) | -96.933611 |
| **Longitude** (degrees minutes seconds) | 096° 56' 01" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 489 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 2267 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1948 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving Well #2 |
| **Driller** | J.L. Myers Sons |
| **Other Data Available** | Drillers Log |
| **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** | 2 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 10/16/1956 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 3/1/1952 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** from well

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 10 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 425 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 494.24 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 31 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 12 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 99 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 89 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 240 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 6.71 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 30 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 15.8 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 89 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | calculated | 344 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 311 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1075 | mg/L | |

## Water Quality Analysis

**Sample Date:** 1/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** From a report; unknown sample collection & preservation

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 435 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 530.85 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 6 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 99 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 27 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.15 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 17 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 30.3 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 364 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 235 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 987 | mg/L | |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-504

## Water Quality Analysis

**Sample Date:** 3/31/1961 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 411 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 501.56 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 5 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 98 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 20 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 50 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 2 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 7.7 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.81 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 37.09 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 388 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1780 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 280 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1022 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 54: GWS

| | | |
|---|---|---|
| **Map ID: 54** | | **Source: Texas Water Development Board** |
| **Well Number: 3309507** | **GWS - Groundwater Supply** | **Banks ID: 3309507** |
| **Well Address: TX** | | **Rel. Loc.: 2.61mi W** |
| **Completion Date: 1972-06-19** | | **Drill Depth: 2250.0** |
| **Owner: City of Irving** | | **Elevation: 492.13 ft (+83.20 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-507

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309507 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.818611 |
| **Latitude** (degrees minutes seconds) | 32° 49' 07" N |
| **Longitude** (decimal degrees) | -96.933889 |
| **Longitude** (degrees minutes seconds) | 096° 56' 02" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 489 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 2250 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 6/19/1972 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | Miscellaneous Measurements |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving |
| **Driller** | Layne-Texas |
| **Other Data Available** | Aquifer Test; Drillers Log |
| **Well Report Tracking Number** | |
| **Plugging Report Tracking Number** | |
| **U.S. Geological Survey Site Number** | |
| **Texas Commission on Environmental Quality Source Id** | G0570050A |
| **Groundwater Conservation District Well Number** | |
| **Owner Well Number** | New #1 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 5/28/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Reported yield 759 GPM in 1972. Aquifer test results in TDWR R-269. Test data and modern analyses in TWDB files. Geophysical log Q-71. TCEQ reports well is plugged. |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 16 | Blank | Steel | | | 0 | 2093 |
| 9 | Blank | Steel | | | 1993 | 2102 |
| 9 | Screen | Stainless Steel | | | 2102 | 2125 |
| 9 | Blank | Steel | | | 2125 | 2129 |
| 9 | Screen | Stainless Steel | | | 2129 | 2169 |
| 9 | Blank | Steel | | | 2169 | 2173 |
| 9 | Screen | Stainless Steel | | | 2173 | 2214 |
| 9 | Blank | Steel | | | 2214 | 2220 |
| 9 | Screen | Stainless Steel | | | 2220 | 2240 |
| 9 | Blank | Steel | | | 2240 | 2250 |

### *Well Tests - No Data*

### *Lithology - No Data*

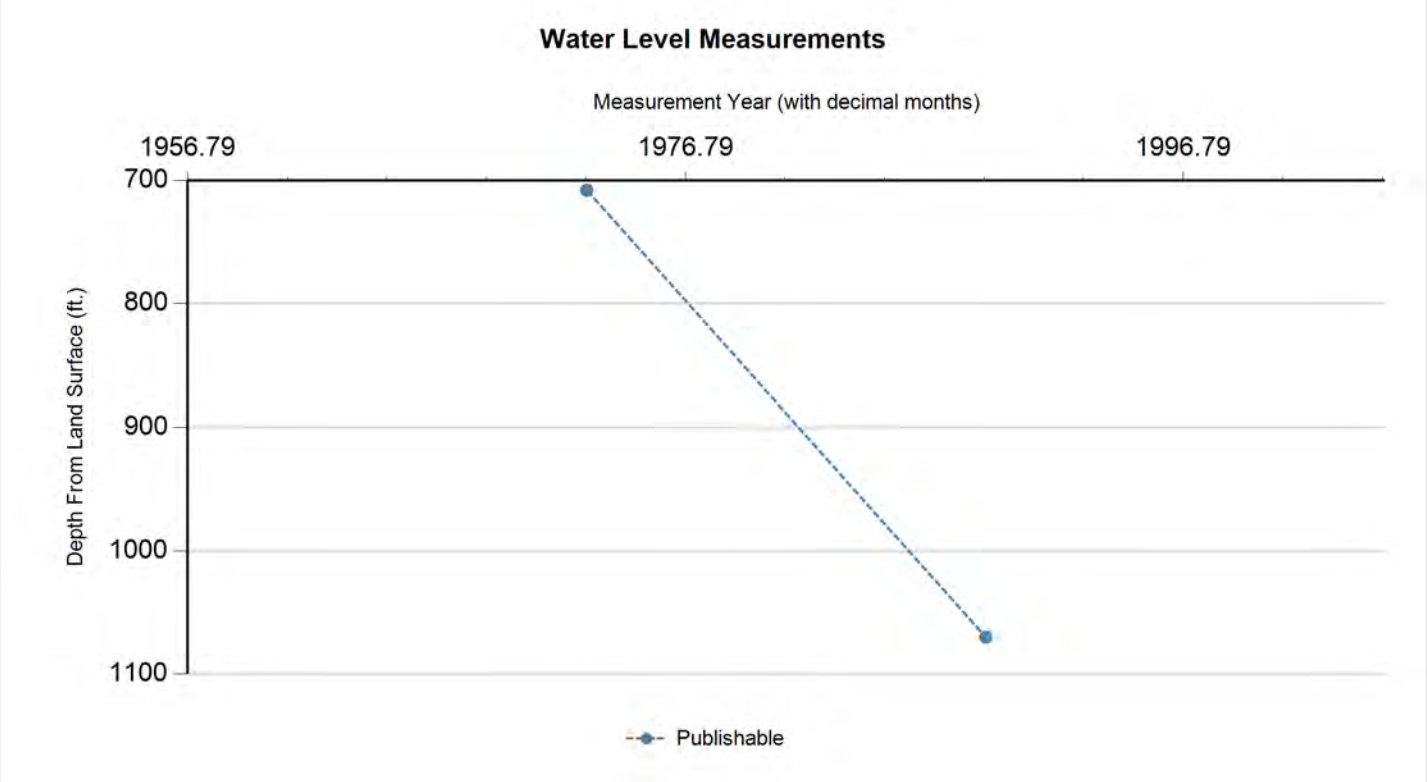
***Annular Seal Range - No Data***

***Borehole - No Data***

***Plugged Back - No Data***

***Filter Pack - No Data***

***Packers - No Data***




| 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 | 11/1/1972 | | 708 | | -219 | 1 | Registered Water Well Driller | Air Line | | |
| P | 11/15/1988 | | 1070 | 362.00 | -581 | 1 | Texas Water Development Board | Recorder (Float or Transducer) | | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |

## Water Quality Analysis

**Sample Date:** 10/31/1972 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 3 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 419 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 504 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 3.6 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 98 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 22 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | < | 20 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.4 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.93 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 33.88 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 368 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1806 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 273 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1000 | mg/L | |

## Water Quality Analysis

**Sample Date:** 11/3/1972 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Registered Water Well Driller

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Pope Testing Lab **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 8 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 422 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 495.46 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 5.6 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 9.6 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 97 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.5 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 23 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 2.4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.1 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.96 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 33.24 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 368 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1320 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 255 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 982 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 56: GWS - 2301 W COMMERCE ST

| | | |
|---|---|---|
| **Map ID: 56** | | **Source: Texas Water Development Board** |
| **Well Number: 3310703** | **GWS - Groundwater Supply** | **Banks ID: 3310703** |
| **Well Address: 2301 W COMMERCE ST, TX** | | **Rel. Loc.: 2.71mi SE** |
| **Completion Date: 1953-01-01** | | **Drill Depth: 2544.0** |
| **Owner: Lone Star Cement Co** | | **Elevation: 442.91 ft (+33.99 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 56 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Lone Star Cement Co | 2301 W COMMERCE ST, TX | 110 |
| GWS | Lone Star CementCo | 2301 W COMMERCE ST, TX | 114 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-703

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310703 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.773611 |
| **Latitude** (degrees minutes seconds) | 32° 46' 25" N |
| **Longitude** (decimal degrees) | -96.860556 |
| **Longitude** (degrees minutes seconds) | 096° 51' 38" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 435 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2544 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1953 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Lone Star Cement Co |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 56: GWS - 2301 W COMMERCE ST

| | | |
|---|---|---|
| **Map ID: 56** | | **Source: Texas Water Development Board** |
| **Well Number: 3310704** | **GWS - Groundwater Supply** | **Banks ID: 3310704** |
| **Well Address: 2301 W COMMERCE ST, TX** | | **Rel. Loc.: 2.71mi SE** |
| **Completion Date: 1956-01-01** | | **Drill Depth: 2585.0** |
| **Owner: Lone Star CementCo** | | **Elevation: 442.91 ft (+33.99 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 56 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Lone Star Cement Co | 2301 W COMMERCE ST, TX | 110 |
| GWS | Lone Star CementCo | 2301 W COMMERCE ST, TX | 114 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-704

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310704 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.773611 |
| **Latitude** (degrees minutes seconds) | 32° 46' 25" N |
| **Longitude** (decimal degrees) | -96.860556 |
| **Longitude** (degrees minutes seconds) | 096° 51' 38" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 435 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2585 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1956 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Lone Star CementCo |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 60: GWS - 2300 N STEMMONS FWY

| | | |
|---|---|---|
| **Map ID: 60** | | **Source: Texas Water Development Board** |
| **Well Number: 3310404** | **GWS - Groundwater Supply** | **Banks ID: 3310404** |
| **Well Address: 2300 N STEMMONS FWY, TX** | | **Rel. Loc.: 2.81mi E** |
| **Completion Date: 1910-01-01** | | **Drill Depth: 1405.0** |
| **Owner: City of Dallas** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | R.H. Dearing and Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 60 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | 2300 N STEMMONS FWY, TX | 118 |
| GWS | City of Dallas | 2300 N STEMMONS FWY, TX | 122 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-404

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310404 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.806389 |
| **Latitude** (degrees minutes seconds) | 32° 48' 23" N |
| **Longitude** (decimal degrees) | -96.834167 |
| **Longitude** (degrees minutes seconds) | 096° 50' 03" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1405 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1910 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H. Dearing and Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 60: GWS - 2300 N STEMMONS FWY

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 60** | | **Source: Texas Water Development Board** |
| **Well Number: 3310405** | **GWS - Groundwater Supply** | **Banks ID: 3310405** |
| **Well Address: 2300 N STEMMONS FWY, TX** | | **Rel. Loc.: 2.81mi E** |
| **Completion Date: 1910-01-01** | | **Drill Depth: 693.0** |
| **Owner: City of Dallas** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | R.H. Dearing and Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 60 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | 2300 N STEMMONS FWY, TX | 118 |
| GWS | City of Dallas | 2300 N STEMMONS FWY, TX | 122 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-405

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310405 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.806389 |
| **Latitude** (degrees minutes seconds) | 32° 48' 23" N |
| **Longitude** (decimal degrees) | -96.834167 |
| **Longitude** (degrees minutes seconds) | 096° 50' 03" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 693 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1910 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H. Dearing and Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 62: GWS - 4000 IH 30

| | | |
|---|---|---|
| **Map ID: 62** | | **Source: Texas Water Development Board** |
| **Well Number: 3309910** | **GWS - Groundwater Supply** | **Banks ID: 3309910** |
| **Well Address: 4000 IH 30, TX** | | **Rel. Loc.: 2.91mi S** |
| **Completion Date: 1923-01-01** | | **Drill Depth: 2485.0** |
| **Owner: Texaco, Inc** | | **Elevation: 459.32 ft (+50.39 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TPPX |
| **Driller:** | B.J. Harper |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-910

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309910 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.766112 |
| **Latitude** (degrees minutes seconds) | 32° 45' 58" N |
| **Longitude** (decimal degrees) | -96.882222 |
| **Longitude** (degrees minutes seconds) | 096° 52' 56" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TPPX - Travis Peak Formation and Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 460 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2485 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1923 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Texaco, Inc |
| **Driller** | B.J. Harper |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/1/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Travis Peak Formation and Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 395.08 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 482.13 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 8.8 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 79 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 42 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 5.1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.04 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 30.41 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 445 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 481 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1257 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 64: GWS - 6300 CEDAR SPRINGS RD

**Map ID: 64**

**Source: Texas Water Development Board**

**Well Number: 3310401** | **GWS - Groundwater Supply** | **Banks ID: 3310401**

**Well Address: 6300 CEDAR SPRINGS RD, TX** | **Rel. Loc.: 3.03mi NE**

**Completion Date: 1953-07-06** | **Drill Depth: 2689.0**

**Owner: Eastman Kodak** | **Elevation: 472.44 ft (+63.52 ft)**

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-401

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310401 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.831389 |
| **Latitude** (degrees minutes seconds) | 32° 49' 53" N |
| **Longitude** (decimal degrees) | -96.836389 |
| **Longitude** (degrees minutes seconds) | 096° 50' 11" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 472 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2689 |
| **Well Depth Source** | Person Other than Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 7/6/1953 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | Historical |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Eastman Kodak |
| **Driller** | Layne-Texas |
| **Other Data Available** | Specific Capacity |
| **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** | Texas Water Development Board |
| **Created Date** | 3/4/1960 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Reported yield 644 GPM with 90 feet drawdown in 1953. Specific capacity 7.15 GPM/ft. Well 48 in TBWE M-65. |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 20 | Blank | Steel | | | 0 | 44 |
| 14 | Blank | Steel | | | 0 | 898 |
| 8 | Blank | Steel | | | 898 | 2435 |
| 6 | Screen | Stainless Steel | | | 2435 | 2641 |
| 6 | Blank | Steel | | | 2641 | 2689 |

### *Well Tests - No Data*

### *Lithology - No Data*

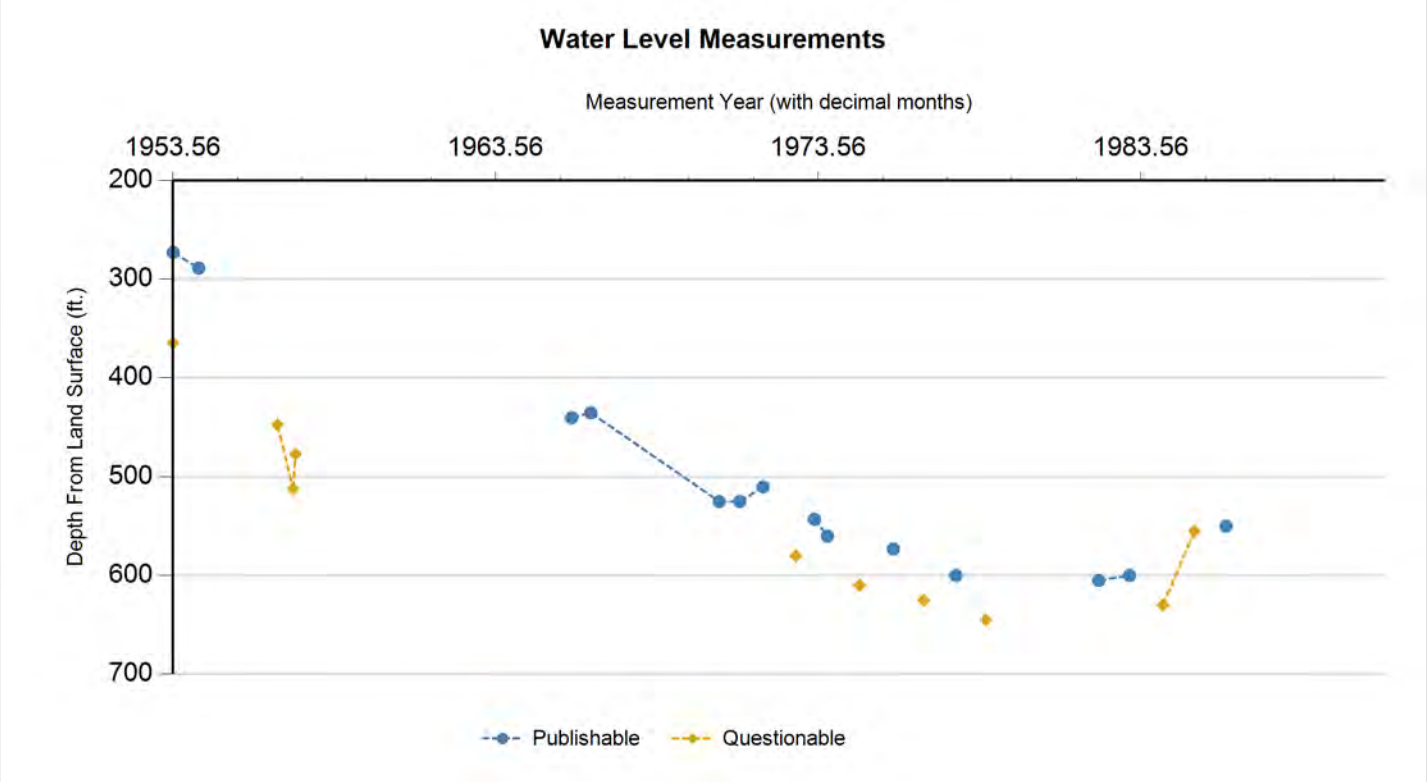
### *Annular Seal Range - No Data*

### *Borehole - No Data*

### *Plugged Back - No Data*

### *Filter Pack - No Data*

### *Packers - No Data*




| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| Q | 7/25/1953 | | 365 | | 107 | 1 | Private Firm or Industry | Air Line | 2 | |
| P | 7/27/1953 | | 273 | (92.00) | 199 | 1 | Private Firm or Industry | Air Line | | |
| P | 5/11/1954 | | 289 | 16.00 | 183 | 1 | Private Firm or Industry | Air Line | | |
| Q | 10/22/1956 | | 447 | 158.00 | 25 | 1 | U.S. Geological Survey | Steel Tape | 2 | |
| Q | 4/13/1957 | | 512 | 65.00 | -40 | 1 | Texas Water Development Board | Unknown | 2 | |
| Q | 5/11/1957 | | 477 | (35.00) | -5 | 1 | Texas Water Development Board | Unknown | 2 | |
| P | 12/6/1965 | | 440 | (37.00) | 32 | 1 | Private Firm or Industry | Air Line | | |
| P | 7/5/1966 | | 435 | (5.00) | 37 | 1 | Private Firm or Industry | Air Line | | |
| P | 6/29/1970 | | 525 | 90.00 | -53 | 1 | Private Firm or Industry | Air Line | | |
| P | 2/16/1971 | | 525 | 0.00 | -53 | 1 | Private Firm or Industry | Air Line | | |
| P | 11/12/1971 | | 510 | (15.00) | -38 | 1 | Private Firm or Industry | Air Line | | |
| Q | 11/15/1972 | | 580 | 70.00 | -108 | 1 | Texas Water Development Board | Air Line | 2 | |
| P | 6/11/1973 | | 543 | (37.00) | -71 | 1 | Private Firm or Industry | Air Line | | |
| P | 11/9/1973 | | 560 | 17.00 | -88 | 1 | Private Firm or Industry | Air Line | | |
| Q | 11/7/1974 | | 610 | 50.00 | -138 | 1 | Texas Water Development Board | Air Line | 2 | |
| P | 11/24/1975 | | 573 | (37.00) | -101 | 1 | Texas Water Development Board | Air Line | | |
| Q | 11/1/1976 | | 625 | 52.00 | -153 | 1 | Texas Water Development Board | Air Line | 2 | |
| P | 11/2/1977 | | 600 | (25.00) | -128 | 1 | Texas Water Development Board | Air Line | | |
| Q | 10/4/1978 | | 645 | 45.00 | -173 | 1 | Texas Water Development Board | Air Line | 2 | |
| P | 4/2/1982 | | 605 | (40.00) | -133 | 1 | Private Firm or Industry | Air Line | | |
| P | 3/16/1983 | | 600 | (5.00) | -128 | 1 | Texas Water Development Board | Air Line | | |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-401

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| Q | 3/29/1984 | | 630 | 30.00 | -158 | 1 | Texas Water Development Board | Air Line | 4 | |
| Q | 3/21/1985 | | 555 | (75.00) | -83 | 1 | Texas Water Development Board | Air Line | 4 | |
| P | 3/11/1986 | | 550 | (5.00) | -78 | 1 | Texas Water Development Board | Air Line | | |
| X | 2/11/1987 | | | | | 1 | Texas Water Development Board | | 26 | |
| X | 1/21/1988 | | | | | 1 | Texas Water Development Board | | 26 | |
| X | 1/23/1990 | | | | | 1 | Texas Water Development Board | | 26 | |
| X | 2/12/1991 | | | | | 1 | Texas Water Development Board | | 26 | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |
| Q | Questionable |
| X | No Measurement |

| Remark ID | Remark Description |
|---|---|
| 2 | Pumping-level measurement |
| 4 | Well pumped recently |
| 26 | Unable to measure due to leaking airline tubing |

## Water Quality Analysis

**Sample Date:** 7/6/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Registered Water Well Driller

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Curtis Lab **Reliability:**

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 15 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 439.72 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 500 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 18 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 116 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 16 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1.4 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.46 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 14 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 40.47 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 380.6 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 229 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1009 | mg/L | |

## Water Quality Analysis

**Sample Date:** 4/23/1956 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Private Firm or Industry

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Misc. Commerical Lab **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 22 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 334 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 353.9 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 12 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 26.4 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 118 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 38 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 2 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.2 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.35 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 5.92 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 6 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 23.24 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 330 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 246 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 914 | mg/L | |

## Water Quality Analysis

**Sample Date:** 7/12/1976 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 420 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 512.55 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 6.2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 125 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 17 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.6 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.7 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.04 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 19 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 38.24 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 384 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1823 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 255 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 43 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1044 | mg/L | |

## Water Quality Analysis

**Sample Date:** 3/16/1983 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 7 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 423 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 499.12 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 8 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 8.4 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 119 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.3 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 32 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.49 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.4 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.81 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 19 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 31.53 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 412 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 2048 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 344 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 42 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1161 | mg/L | |

## Water Quality Analysis

**Sample Date:** 7/28/1987 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 7 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 425 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 501.56 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 6.2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 8.4 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 111 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 16 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.14 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.04 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 00937 | POTASSIUM, TOTAL (MG/L AS K) | | 2 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.18 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 19 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 41.38 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 381 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1849 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 243 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 43 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1019 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 65: GWS - 2151 IRVING BLVD

| | | |
|---|---|---|
| **Map ID: 65** | | **Source: Texas Water Development Board** |
| **Well Number: 3310506** | **GWS - Groundwater Supply** | **Banks ID: 3310506** |
| **Well Address: 2151 IRVING BLVD, TX** | | **Rel. Loc.: 3.05mi E** |
| **Completion Date: 1969-01-01** | | **Drill Depth: 50.0** |
| **Owner: Lone Star Industries** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 100ALVM |
| **Driller:** | Combs Wells Drilling |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-506

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310506 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.794722 |
| **Latitude** (degrees minutes seconds) | 32° 47' 41" N |
| **Longitude** (decimal degrees) | -96.8325 |
| **Longitude** (degrees minutes seconds) | 096° 49' 57" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 100ALVM - Alluvium |
| **Aquifer** | Other |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 405 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 50 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1969 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Lone Star Industries |
| **Driller** | Combs Wells Drilling |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 71: GWS - 1421 N COCKRELL HILL RD

| | | |
|---|---|---|
| **Map ID: 71** | | **Source: Texas Water Development Board** |
| **Well Number: 3309901** | **GWS - Groundwater Supply** | **Banks ID: 3309901** |
| **Well Address: 1421 N COCKRELL HILL RD, TX** | | **Rel. Loc.: 3.21mi S** |
| **Completion Date: 1940-01-01** | | **Drill Depth: 1500.0** |
| **Owner: General Portland Cement** | | **Elevation: 485.56 ft (+76.64 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-901

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309901 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.761945 |
| **Latitude** (degrees minutes seconds) | 32° 45' 43" N |
| **Longitude** (decimal degrees) | -96.894722 |
| **Longitude** (degrees minutes seconds) | 096° 53' 41" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 492 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1500 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1940 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | General Portland Cement |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 72: GWS - 1521 N COCKRELL HILL RD

| | | |
|---|---|---|
| **Map ID: 72** | | **Source: Texas Water Development Board** |
| **Well Number: 3309907** | **GWS - Groundwater Supply** | **Banks ID: 3309907** |
| **Well Address: 1521 N COCKRELL HILL RD, TX** | | **Rel. Loc.: 3.23mi S** |
| **Completion Date: 1908-01-01** | | **Drill Depth: 1550.0** |
| **Owner: General Portland Cement** | | **Elevation: 479.00 ft (+70.08 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | B.J. Harper |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-907

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309907 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.761945 |
| **Latitude** (degrees minutes seconds) | 32° 45' 43" N |
| **Longitude** (decimal degrees) | -96.896945 |
| **Longitude** (degrees minutes seconds) | 096° 53' 49" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 475 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1550 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1908 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | General Portland Cement |
| **Driller** | B.J. Harper |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/8/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 385.25 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 470.14 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 8.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 17 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 32 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 2.7 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.06 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 19.67 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 257 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 170 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 690 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 73: GWS

| | | |
|---|---|---|
| **Map ID: 73** | | **Source: Texas Water Development Board** |
| **Well Number: 3309510** | **GWS - Groundwater Supply** | **Banks ID: 3309510** |
| **Well Address: TX** | | **Rel. Loc.: 3.23mi W** |
| **Completion Date: 1924-01-01** | | **Drill Depth: 397.0** |
| **Owner: City of Irving Old well #3** | | **Elevation: 485.56 ft (+76.64 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | Stanley |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-510

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309510 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.813889 |
| **Latitude** (degrees minutes seconds) | 32° 48' 50" N |
| **Longitude** (decimal degrees) | -96.945 |
| **Longitude** (degrees minutes seconds) | 096° 56' 42" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 488 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 397 |
| **Well Depth Source** | Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1924 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving Old well #3 |
| **Driller** | Stanley |
| **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** | Old #3 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 5/28/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 8/14/1939 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** from well

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 15 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 575 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 665.09 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 12 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 18 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 172 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 91 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 450 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 15 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 10 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 9.67 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 16 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 24.85 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 92 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | calculated | 547 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 497 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1606 | mg/L | |

## Water Quality Analysis

**Sample Date:** 8/15/1939 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other or Identity Unknown

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Laboratory Unknown **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 01045 | IRON, TOTAL (UG/L AS FE) | | 500 | ug/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | | 100 | ug/L | |

## Water Quality Analysis

**Sample Date:** 8/13/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 554.76 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 677 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 10 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 182 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.6 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 40 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 3.9 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 1.5 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 10.28 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 42.05 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 622 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 554 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1707 | mg/L | |

## Water Quality Analysis

**Sample Date:** 1/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 500 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 610.17 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 13 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 156 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 48 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 900 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 9.02 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 29 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 33.53 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 539 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 523 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1566 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 75: GWS

| | | |
|---|---|---|
| **Map ID: 75** | | **Source: Texas Water Development Board** |
| **Well Number: 3309503** | **GWS - Groundwater Supply** | **Banks ID: 3309503** |
| **Well Address: TX** | | **Rel. Loc.: 3.25mi W** |
| **Completion Date: 1945-01-01** | | **Drill Depth: 2284.0** |
| **Owner: City of Irving Well #1** | | **Elevation: 485.56 ft (+76.64 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-503

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309503 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.813056 |
| **Latitude** (degrees minutes seconds) | 32° 48' 47" N |
| **Longitude** (decimal degrees) | -96.945278 |
| **Longitude** (degrees minutes seconds) | 096° 56' 43" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 487 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 2284 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1945 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving Well #1 |
| **Driller** | J.L. Myers Sons |
| **Other Data Available** | Drillers Log |
| **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** | 1 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 10/17/1956 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 4/19/1947 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** from well

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 20 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 440 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 488.14 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 13 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 24 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 110 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 40 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 1600 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 2 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.99 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 28.45 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | calculated | 417 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 299 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1122 | mg/L | |

## Water Quality Analysis

**Sample Date:** 3/1/1952 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** from well

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 10 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 430 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 500.34 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 32 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 12 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 108 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 96 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 520 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 4 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 6.67 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 24 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 14.81 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 88 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 334 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 245 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1007 | mg/L | |

## Water Quality Analysis

**Sample Date:** 1/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** From a report; unknown sample collection & preservation

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 425 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 518.65 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 12 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 99 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 46 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 210 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.57 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 32 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 24.33 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 381 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 293 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1078 | mg/L | |

## Water Quality Analysis

**Sample Date:** 2/1/1954 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** From a report; unknown sample collection & preservation

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 465 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 567.46 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 124 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 18 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 9400 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 2 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.94 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 48.01 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 471 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 386 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1268 | mg/L | |

## Water Quality Analysis

**Sample Date:** 2/27/1961 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 320 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 390.51 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 46 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 90 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 201 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 210 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 21 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.97 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.1 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 2.38 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 19.01 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 87 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 620 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 3345 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 950 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1921 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 78: GWS

| | | |
|---|---|---|
| **Map ID: 78** | | **Source: Texas Water Development Board** |
| **Well Number: 3309801** | **GWS - Groundwater Supply** | **Banks ID: 3309801** |
| **Well Address: TX** | | **Rel. Loc.: 3.33mi SW** |
| **Completion Date: 1973-01-01** | | **Drill Depth: 475.0** |
| **Owner: Trinity River Authority** | | **Elevation: 423.23 ft (+14.30 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | E.C. Stone Water Well Drilling |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-801

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309801 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.776111 |
| **Latitude** (degrees minutes seconds) | 32° 46' 34" N |
| **Longitude** (decimal degrees) | -96.932222 |
| **Longitude** (degrees minutes seconds) | 096° 55' 56" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 475 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1973 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Trinity River  Authority |
| **Driller** | E.C. Stone Water Well Drilling |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 5/27/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** pressure tank

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 437 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 533.29 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4.8 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 76 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 14 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.61 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 1 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.1 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.45 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 48.49 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 454 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 2240 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 457 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 23 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1269 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 79: GWS

| | | |
|---|---|---|
| **Map ID: 79** | | **Source: Texas Water Development Board** |
| **Well Number: 3310201** | **GWS - Groundwater Supply** | **Banks ID: 3310201** |
| **Well Address: TX** | | **Rel. Loc.: 3.36mi NE** |
| **Completion Date: 1956-01-01** | | **Drill Depth: 1620.0** |
| **Owner: Coca Cola Co** | | **Elevation: 488.85 ft (+79.92 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-201

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310201 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.835834 |
| **Latitude** (degrees minutes seconds) | 32° 50' 09" N |
| **Longitude** (decimal degrees) | -96.832778 |
| **Longitude** (degrees minutes seconds) | 096° 49' 58" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 490 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1620 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1956 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Irrigation |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Coca Cola Co |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 80: GWS

| | | |
|---|---|---|
| **Map ID: 80** | | **Source: Texas Water Development Board** |
| **Well Number: 3309509** | **GWS - Groundwater Supply** | **Banks ID: 3309509** |
| **Well Address: TX** | | **Rel. Loc.: 3.39mi W** |
| **Completion Date: 1939-01-01** | | **Drill Depth: 494.0** |
| **Owner: City of Irving Old well #2** | | **Elevation: 485.56 ft (+76.64 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-509

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309509 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.814167 |
| **Latitude** (degrees minutes seconds) | 32° 48' 51" N |
| **Longitude** (decimal degrees) | -96.947778 |
| **Longitude** (degrees minutes seconds) | 096° 56' 52" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 486 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 494 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1939 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving Old well #2 |
| **Driller** | J.L. Myers Sons |
| **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** | Old #2 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 5/28/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 8/13/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 519.52 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 633.99 | mg/L | |
| 00910 | CALCIUM (MG/L) | < | 2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 155 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 11 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1.5 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 1 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 10.17 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 94.17 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 99 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 621 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 591 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1683 | mg/L | |

## Water Quality Analysis

**Sample Date:** 4/19/1947 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:**

**Collection Remarks:** at well

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 495 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 604.07 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 11 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 149 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 39 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 2800 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.7 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 9.1 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 25 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 39.03 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 566 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 543 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1596 | mg/L | |

## Water Quality Analysis

**Sample Date:** 3/1/1952 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:**

**Collection Remarks:** at well

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 10 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 490 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 573.56 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 34 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 12 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 149 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 97 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 950 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.4 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.86 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 16 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 22.06 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 91 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | calculated | 500 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 519 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1517 | mg/L | |

## Water Quality Analysis

**Sample Date:** 1/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 438 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 534.51 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 9 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 107 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 34 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 5200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.06 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 59 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 26.47 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 359 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 219 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1021 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 82: GWS - 2050 N STEMMONS FWY

| | | |
|---|---|---|
| **Map ID: 82** | | **Source: Texas Water Development Board** |
| **Well Number: 3310507** | **GWS - Groundwater Supply** | **Banks ID: 3310507** |
| **Well Address: 2050 N STEMMONS FWY, TX** | | **Rel. Loc.: 3.42mi E** |
| **Completion Date: 1907-01-01** | | **Drill Depth: 1423.0** |
| **Owner: City of Dallas** | | **Elevation: 396.98 ft (-11.94 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WBPX |
| **Driller:** | R.H. Dearing and Son |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-507

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310507 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.804167 |
| **Latitude** (degrees minutes seconds) | 32° 48' 15" N |
| **Longitude** (decimal degrees) | -96.823889 |
| **Longitude** (degrees minutes seconds) | 096° 49' 26" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WBPX - Woodbine and Paluxy Formations |
| **Aquifer** | Trinity/Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1423 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1907 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H. Dearing and Son |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 84: GWS - 3700 PINNACLE POINT DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 84** | | **Source: Texas Water Development Board** |
| **Well Number: 3309908** | **GWS - Groundwater Supply** | **Banks ID: 3309908** |
| **Well Address: 3700 PINNACLE POINT DR, TX** | | **Rel. Loc.: 3.44mi S** |
| **Completion Date: 1965-10-13** | | **Drill Depth: 1514.0** |
| **Owner: General Portland Cement** | | **Elevation: 567.59 ft (+158.66 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-908

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309908 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.758334 |
| **Latitude** (degrees minutes seconds) | 32° 45' 30" N |
| **Longitude** (decimal degrees) | -96.883334 |
| **Longitude** (degrees minutes seconds) | 096° 53' 00" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 575 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1514 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 10/13/1965 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | Miscellaneous Measurements |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | General Portland Cement |
| **Driller** | Layne-Texas |
| **Other Data Available** | Aquifer Test; Drillers Log |
| **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** | Texas Water Development Board |
| **Created Date** | 5/27/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Reported yield 327 GPM in 1965. Aquifer test results in TDWR R-269. Test data and modern results in TWDB files. |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 14 | Blank | Steel | | | 0 | 1365 |
| 9 | Blank | Steel | | | 0 | 1263 |
| 9 | Blank | Steel | | | 1263 | 1375 |
| 9 | Screen | Stainless Steel | | | 1375 | 1400 |
| 9 | Blank | Steel | | | 1400 | 1410 |
| 9 | Screen | Stainless Steel | | | 1410 | 1452 |
| 9 | Blank | Steel | | | 1452 | 1472 |
| 9 | Screen | Stainless Steel | | | 1472 | 1504 |
| 9 | Blank | Steel | | | 1504 | 1514 |

### *Well Tests - No Data*

### *Lithology - No Data*

### *Annular Seal Range - No Data*

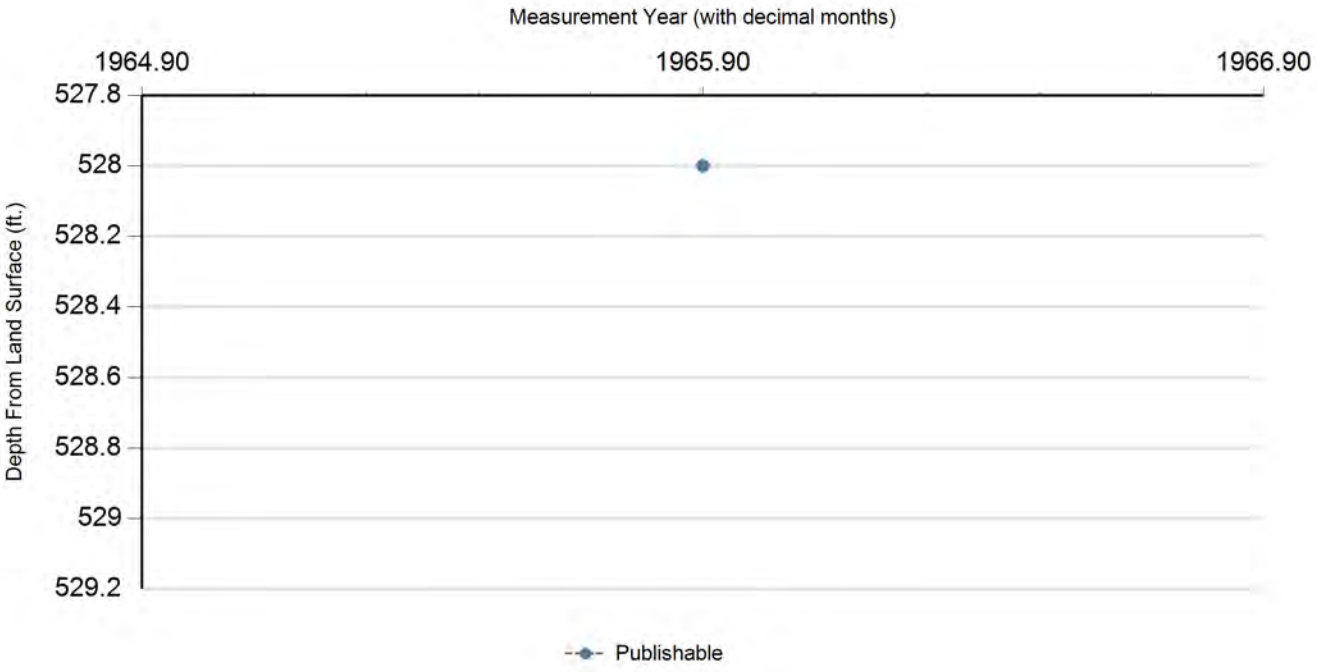
***Borehole - No Data***

***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 | 11/29/1965 | | 528 | | 47 | 1 | Registered Water Well Driller | Air Line | | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |

## Water Quality Analysis

**Sample Date:** 12/6/1965 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Registered Water Well Driller

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Edna Wood Lab **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 20 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 420 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 463.73 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 24 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 20 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 7 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 100 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 0.5 | mg/L | |
| 00400 | PH (STANDARD UNITS), FIELD | | 9.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.26 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 39.36 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 273 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1140 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 146 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 32 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 705 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 88: GWS - 3700 PINNACLE POINT DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 88** | | **Source: Texas Water Development Board** |
| **Well Number: 3309902** | **GWS - Groundwater Supply** | **Banks ID: 3309902** |
| **Well Address: 3700 PINNACLE POINT DR, TX** | | **Rel. Loc.: 3.48mi S** |
| **Completion Date: 1950-01-01** | | **Drill Depth: 2597.0** |
| **Owner: General Portland Cement** | | **Elevation: 567.59 ft (+158.66 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-902

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309902 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.757778 |
| **Latitude** (degrees minutes seconds) | 32° 45' 28" N |
| **Longitude** (decimal degrees) | -96.883611 |
| **Longitude** (degrees minutes seconds) | 096° 53' 01" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 575 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2597 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1950 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | General Portland Cement |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/17/1959 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Private Firm or Industry

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Southwestern Analytical Chemicals **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 259.93 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 317.2 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 233.56 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 64 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 824 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 58.79 | mg/L | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 0 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 18.8 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 17.27 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 74 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 1137.39 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 2832.35 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 4500 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 90: GWS - 3700 PINNACLE POINT DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 90** | | **Source: Texas Water Development Board** |
| **Well Number: 3309903** | **GWS - Groundwater Supply** | **Banks ID: 3309903** |
| **Well Address: 3700 PINNACLE POINT DR, TX** | | **Rel. Loc.: 3.49mi S** |
| **Completion Date: 1957-01-01** | | **Drill Depth: 2601.0** |
| **Owner: General Portland Cement** | | **Elevation: 570.87 ft (+161.94 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-903

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309903 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.757778 |
| **Latitude** (degrees minutes seconds) | 32° 45' 28" N |
| **Longitude** (decimal degrees) | -96.880555 |
| **Longitude** (degrees minutes seconds) | 096° 52' 50" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 564 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2601 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1957 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | General Portland Cement |
| **Driller** | Layne-Texas Co |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/24/1959 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Private Firm or Industry

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Southwestern Analytical Chemicals **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 16 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 415.89 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 468.48 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4.3 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 19.2 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 108 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 15 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1.05 | mg/L | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.6 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.02 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 16.8 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 37.89 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 327.9 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 153.08 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 860 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 94: GWS

| | | |
|---|---|---|
| **Map ID: 94** | | **Source: Texas Water Development Board** |
| **Well Number: 3309802** | **GWS - Groundwater Supply** | **Banks ID: 3309802** |
| **Well Address: TX** | | **Rel. Loc.: 3.57mi SW** |
| **Completion Date: 1976-01-01** | | **Drill Depth: 1180.0** |
| **Owner: Gifford Hill and Co** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J.L. Myers Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-802

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309802 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.783055 |
| **Latitude** (degrees minutes seconds) | 32° 46' 59" N |
| **Longitude** (decimal degrees) | -96.943056 |
| **Longitude** (degrees minutes seconds) | 096° 56' 35" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 427 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1180 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1976 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Gifford Hill and Co |
| **Driller** | J.L. Myers Co |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 9/27/1976 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 7 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 404 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 475.93 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2.2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 8.4 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 19 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 8 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.85 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.6 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.9 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 14 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 38.92 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 270 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1269 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 167 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 29 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 716 | mg/L | |

## Water Quality Analysis

**Sample Date:** 4/27/1983 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 11 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 404 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 466.17 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 1.6 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 13.2 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 19 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 6 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.5 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.04 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.6 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.96 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 13 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 47.38 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 99 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 280 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1280 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 180 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 27 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 737 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 100: GWS - 240 SINGLETON BLVD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 100** | | **Source: Texas Water Development Board** |
| **Well Number: 3310821** | **GWS - Groundwater Supply** | **Banks ID: 3310821** |
| **Well Address: 240 SINGLETON BLVD, TX** | | **Rel. Loc.: 3.83mi SE** |
| **Completion Date: 1973-01-01** | | **Drill Depth: 830.0** |
| **Owner: Gifford-Hill and Co** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-821

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310821 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.777778 |
| **Latitude** (degrees minutes seconds) | 32° 46' 40" N |
| **Longitude** (decimal degrees) | -96.8275 |
| **Longitude** (degrees minutes seconds) | 096° 49' 39" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 438 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 830 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1973 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Gifford-Hill and Co |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 108: GWS - 2403 BAHAMA DR

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 108** | | **Source: Texas Water Development Board** |
| **Well Number: 3310706** | **GWS - Groundwater Supply** | **Banks ID: 3310706** |
| **Well Address: 2403 BAHAMA DR, TX** | | **Rel. Loc.: 3.95mi S** |
| **Completion Date: 1964-01-01** | | **Drill Depth: 829.0** |
| **Owner: Stevens Plaza Apartmnt** | | **Elevation: 505.25 ft (+96.33 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-706

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310706 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.754723 |
| **Latitude** (degrees minutes seconds) | 32° 45' 17" N |
| **Longitude** (decimal degrees) | -96.858889 |
| **Longitude** (degrees minutes seconds) | 096° 51' 32" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 500 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 829 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1964 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Public Supply |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Stevens Plaza Apartmnt |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 111: GWS

| | | |
|---|---|---|
| **Map ID: 111** | | **Source: Texas Water Development Board** |
| **Well Number: 3310705** | **GWS - Groundwater Supply** | **Banks ID: 3310705** |
| **Well Address: TX** | | **Rel. Loc.: 3.96mi S** |
| **Completion Date: 1930-01-01** | | **Drill Depth: 2634.0** |
| **Owner: City of Dallas** | | **Elevation: 475.72 ft (+66.80 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | R.H.Dearing |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-705

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310705 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.755001 |
| **Latitude** (degrees minutes seconds) | 32° 45' 18" N |
| **Longitude** (decimal degrees) | -96.857223 |
| **Longitude** (degrees minutes seconds) | 096° 51' 26" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 492 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2634 |
| **Well Depth Source** | Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1930 |
| **Drilling Method** | |
| **Borehole Completion** | Screened |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | Miscellaneous Measurements |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H.Dearing |
| **Other Data Available** | Specific Capacity |
| **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** | |
| **Created Date** | 9/27/2007 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Old well #38. Reworked in 1953 by Layne-Texas. Reported yield 930 GPM with 240 feet drawdown in 1941. Specific capacity 3.8 GPM/ft. Abandoned. |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 18 | Blank | Steel | | | 0 | 604 |
| 8 | Blank | Steel | | | 604 | 2307 |
| 6 | Blank | Steel | | | 2307 | 2634 |

### *Well Tests - No Data*

### *Lithology - No Data*

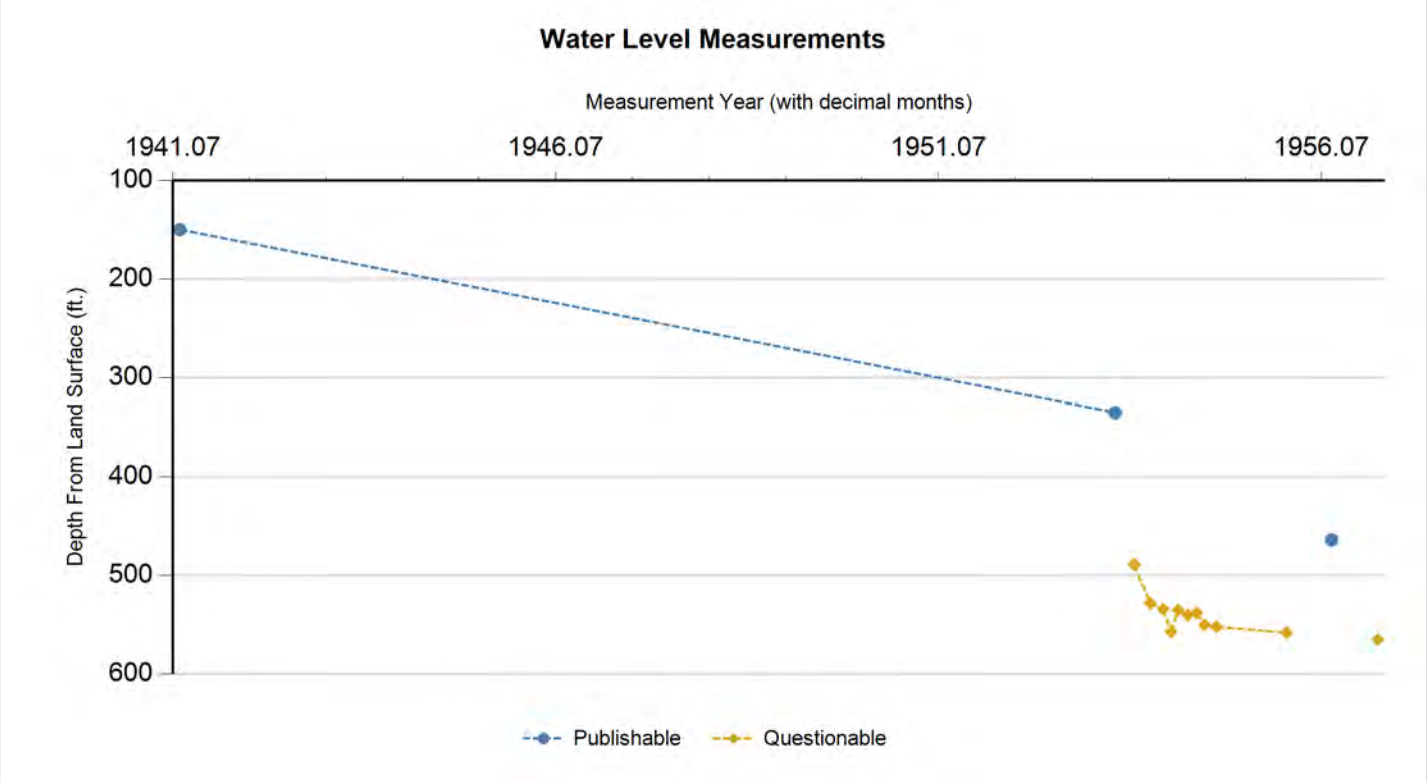
### *Annular Seal Range - No Data*

### *Borehole - No Data*

### *Plugged Back - No Data*

### *Filter Pack - No Data*

### *Packers - No Data*




| 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 | 0/0/1941 | | 150 | | 342 | 1 | Municipal Water Agency or PWS Corporation | Air Line | | |
| P | 5/18/1953 | | 335 | 185.00 | 157 | 1 | Municipal Water Agency or PWS Corporation | Air Line | | |
| Q | 8/18/1953 | | 489 | 154.00 | 3 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 11/5/1953 | | 528 | 39.00 | -36 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 1/1/1954 | | 534 | 6.00 | -42 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 2/9/1954 | | 557 | 23.00 | -65 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 3/12/1954 | | 535 | (22.00) | -43 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 4/28/1954 | | 540 | 5.00 | -48 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 6/11/1954 | | 538 | (2.00) | -46 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 7/19/1954 | | 550 | 12.00 | -58 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 9/15/1954 | | 552 | 2.00 | -60 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| Q | 8/15/1955 | | 558 | 6.00 | -66 | 1 | Municipal Water Agency or PWS Corporation | Air Line | 2 | |
| P | 3/14/1956 | | 464 | (94.00) | 28 | 1 | Municipal Water Agency or PWS Corporation | Air Line | | |
| Q | 10/25/1956 | | 565 | 101.00 | -73 | 1 | Municipal Water Agency or PWS Corporation | Air 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:** 6/26/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 408.2 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 498.15 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 6.8 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 80 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.7 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 26 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 2.4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 2.5 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.63 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 33.81 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 394 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 341 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1073 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 113: GWS

| | | |
|---|---|---|
| **Map ID: 113** | | **Source: Texas Water Development Board** |
| **Well Number: 3310509** | **GWS - Groundwater Supply** | **Banks ID: 3310509** |
| **Well Address: TX** | | **Rel. Loc.: 4.02mi E** |
| **Completion Date: 1911-01-01** | | **Drill Depth: 2578.0** |
| **Owner: City of Dallas** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | B.J.Harper |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 113 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | TX | 216 |
| GWS | City of Dallas | TX | 220 |
| GWS | City of Dallas "Gill well" | TX | 224 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-509

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310509 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.799445 |
| **Latitude** (degrees minutes seconds) | 32° 47' 58" N |
| **Longitude** (decimal degrees) | -96.814167 |
| **Longitude** (degrees minutes seconds) | 096° 48' 51" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2578 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1911 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | B.J.Harper |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 113: GWS

| | | |
|---|---|---|
| **Map ID: 113** | | **Source: Texas Water Development Board** |
| **Well Number: 3310508** | **GWS - Groundwater Supply** | **Banks ID: 3310508** |
| **Well Address: TX** | | **Rel. Loc.: 4.02mi E** |
| **Completion Date: 1911-01-01** | | **Drill Depth: 800.0** |
| **Owner: City of Dallas** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | R.H. Dearing and Son |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 113 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | TX | 216 |
| GWS | City of Dallas | TX | 220 |
| GWS | City of Dallas "Gill well" | TX | 224 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-508

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310508 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.799445 |
| **Latitude** (degrees minutes seconds) | 32° 47' 58" N |
| **Longitude** (decimal degrees) | -96.814167 |
| **Longitude** (degrees minutes seconds) | 096° 48' 51" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 800 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1911 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H. Dearing and Son |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 113: GWS

| | | |
|---|---|---|
| **Map ID: 113** | | **Source: Texas Water Development Board** |
| **Well Number: 3310510** | **GWS - Groundwater Supply** | **Banks ID: 3310510** |
| **Well Address: TX** | | **Rel. Loc.: 4.02mi E** |
| **Completion Date: 1902-01-01** | | **Drill Depth: 2585.0** |
| **Owner: City of Dallas "Gill well"** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TPPX |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 113 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Dallas | TX | 216 |
| GWS | City of Dallas | TX | 220 |
| GWS | City of Dallas "Gill well" | TX | 224 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-510

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310510 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.799445 |
| **Latitude** (degrees minutes seconds) | 32° 47' 58" N |
| **Longitude** (decimal degrees) | -96.814167 |
| **Longitude** (degrees minutes seconds) | 096° 48' 51" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TPPX - Travis Peak Formation and Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2585 |
| **Well Depth Source** | Person Other than Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1902 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas "Gill well" |
| **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** | Texas Water Development Board |
| **Created Date** | 12/5/1994 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/20/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Travis Peak Formation and Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 300 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 366.1 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 219 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 205 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 920 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 91 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 0 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 41.99 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 87 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 2929 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 6431 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 10055 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 115: GWS

| | | |
|---|---|---|
| **Map ID: 115** | | **Source: Texas Water Development Board** |
| **Well Number: 3310501** | **GWS - Groundwater Supply** | **Banks ID: 3310501** |
| **Well Address: TX** | | **Rel. Loc.: 4.06mi E** |
| **Completion Date: 1948-01-01** | | **Drill Depth: 2735.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-501

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310501 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.796111 |
| **Latitude** (degrees minutes seconds) | 32° 47' 46" N |
| **Longitude** (decimal degrees) | -96.814167 |
| **Longitude** (degrees minutes seconds) | 096° 48' 51" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 414 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2735 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1948 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **Driller** | Layne-Texas Co |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 118: GWS

| | | |
|---|---|---|
| **Map ID: 118** | | **Source: Texas Water Development Board** |
| **Well Number: 3309501** | **GWS - Groundwater Supply** | **Banks ID: 3309501** |
| **Well Address: TX** | | **Rel. Loc.: 4.11mi W** |
| **Completion Date: 1952-01-01** | | **Drill Depth: 2184.0** |
| **Owner: City of Irving Old #3 Well** | | **Elevation: 495.41 ft (+86.48 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | Layne-Texas Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 118 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Irving Old #3 Well | TX | 232 |
| GWS | City of Irving | TX | 238 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-501

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309501 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.829167 |
| **Latitude** (degrees minutes seconds) | 32° 49' 45" N |
| **Longitude** (decimal degrees) | -96.957501 |
| **Longitude** (degrees minutes seconds) | 096° 57' 27" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 491 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 2184 |
| **Well Depth Source** | Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1952 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving Old #3 Well |
| **Driller** | Layne-Texas Co |
| **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** | Old #3 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 10/17/1956 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 1/1/1953 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From a report; unknown sample collection & preservation

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 440 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 536.95 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 8 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 107 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.6 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 36 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.04 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.07 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 37 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 25.23 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 350 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 198 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 969 | mg/L | |

## Water Quality Analysis

**Sample Date:** 8/1/1959 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From a report; unknown sample collection & preservation

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 443 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 540.61 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 3 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 104 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.9 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 11 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | < | 100 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.63 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 42.79 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 335 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1650 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 150 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 861 | mg/L | |

## Water Quality Analysis

**Sample Date:** 3/31/1961 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** storage tank

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 435 | mg/L as CACO 3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 530.85 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 103 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 9 | mg/L as CACO 3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 230 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | < | 1 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.52 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 52.76 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 366 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1594 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 163 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 898 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 118: GWS

| | | |
|---|---|---|
| **Map ID: 118** | | **Source: Texas Water Development Board** |
| **Well Number: 3309508** | **GWS - Groundwater Supply** | **Banks ID: 3309508** |
| **Well Address: TX** | | **Rel. Loc.: 4.11mi W** |
| **Completion Date: 1971-09-09** | | **Drill Depth: 2170.0** |
| **Owner: City of Irving** | | **Elevation: 495.41 ft (+86.48 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne Texas Co. |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 118 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | City of Irving Old #3 Well | TX | 232 |
| GWS | City of Irving | TX | 238 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-508

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309508 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.829167 |
| **Latitude** (degrees minutes seconds) | 32° 49' 45" N |
| **Longitude** (decimal degrees) | -96.957501 |
| **Longitude** (degrees minutes seconds) | 096° 57' 27" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 491 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 2170 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 9/9/1971 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | Miscellaneous Measurements |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Irving |
| **Driller** | Layne Texas Co. |
| **Other Data Available** | Aquifer Test; Drillers Log |
| **Well Report Tracking Number** | |
| **Plugging Report Tracking Number** | |
| **U.S. Geological Survey Site Number** | |
| **Texas Commission on Environmental Quality Source Id** | G0570050B |
| **Groundwater Conservation District Well Number** | |
| **Owner Well Number** | New #2 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Water Development Board |
| **Created Date** | 5/28/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Reported yield 703 GPM in 1972. Aquifer test results in TDWR R-269. Test data and modern results in TWDB files. Geophysical log Q-10. TCEQ reports well is plugged. |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 16 | Blank | Steel | | | 0 | 1988 |
| 9 | Blank | Steel | | | 1887 | 1999 |
| 9 | Screen | Stainless Steel | | | 1999 | 2063 |
| 9 | Blank | Steel | | | 2063 | 2066 |
| 9 | Screen | Stainless Steel | | | 2066 | 2145 |
| 9 | Blank | Steel | | | 2145 | 2170 |

### *Well Tests - No Data*

### *Lithology - No Data*

### *Annular Seal Range - No Data*

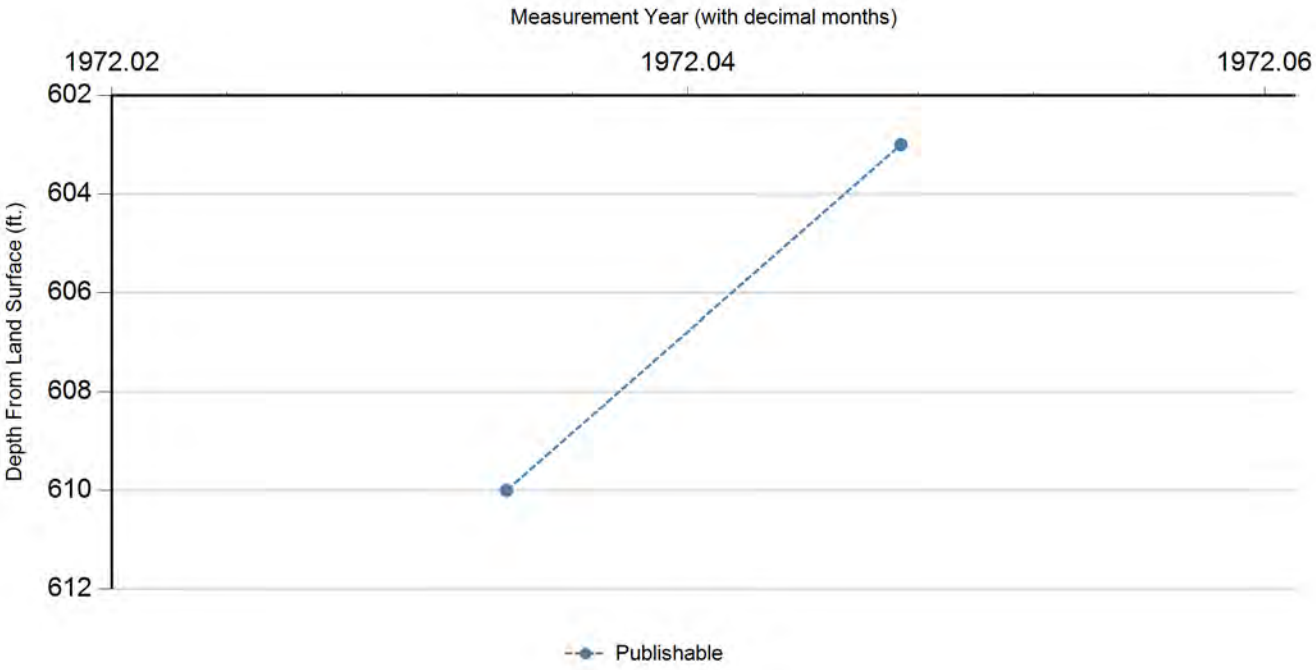
### *Borehole - No Data*

### *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 | 1/14/1972 | | 610 | | -119 | 1 | Registered Water Well Driller | Air Line | | |
| P | 1/19/1972 | | 603 | (7.00) | -112 | 1 | Registered Water Well Driller | Air Line | | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |

## Water Quality Analysis

**Sample Date:** 6/28/1973 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** raw supply

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 4 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 431 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 516.21 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 9 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 4.8 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 101 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.5 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 43 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 160 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 5 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | < | 50 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 1.5 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.4 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.76 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 25.73 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 388 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1971 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 315 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1080 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 120: GWS - 930 N RIVERFRONT BLVD

| | | |
|---|---|---|
| **Map ID: 120** | | **Source: Texas Water Development Board** |
| **Well Number: 3310802** | **GWS - Groundwater Supply** | **Banks ID: 3310802** |
| **Well Address: 930 N RIVERFRONT BLVD, TX** | | **Rel. Loc.: 4.13mi SE** |
| **Completion Date: 1950-01-01** | | **Drill Depth: 2728.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 400.26 ft (-8.66 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-802

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310802 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.785834 |
| **Latitude** (degrees minutes seconds) | 32° 47' 09" N |
| **Longitude** (decimal degrees) | -96.816667 |
| **Longitude** (degrees minutes seconds) | 096° 49' 00" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 402 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2728 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1950 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **Driller** | Layne-Texas |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 124: GWS - 1400 ALAMO ST

| | | |
|---|---|---|
| **Map ID: 124** | | **Source: Texas Water Development Board** |
| **Well Number: 3310502** | **GWS - Groundwater Supply** | **Banks ID: 3310502** |
| **Well Address: 1400 ALAMO ST, TX** | | **Rel. Loc.: 4.16mi E** |
| **Completion Date: 1953-01-01** | | **Drill Depth: 774.0** |
| **Owner: Neuhoff Brothers Meats** | | **Elevation: 406.82 ft (-2.10 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-502

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310502 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.793889 |
| **Latitude** (degrees minutes seconds) | 32° 47' 38" N |
| **Longitude** (decimal degrees) | -96.813056 |
| **Longitude** (degrees minutes seconds) | 096° 48' 47" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 400 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 774 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1953 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Neuhoff Brothers Meats |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 126: GWS - 2838 W DAVIS ST

| | | |
|---|---|---|
| **Map ID: 126** | | **Source: Texas Water Development Board** |
| **Well Number: 3318101** | **GWS - Groundwater Supply** | **Banks ID: 3318101** |
| **Well Address: 2838 W DAVIS ST, TX** | | **Rel. Loc.: 4.18mi S** |
| **Completion Date:** | | **Drill Depth: 2652.0** |
| **Owner: City of Dallas** | | **Elevation: 557.74 ft (+148.82 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | R.H. Dearing & Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-18-101

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3318101 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.748889 |
| **Latitude** (degrees minutes seconds) | 32° 44' 56" N |
| **Longitude** (decimal degrees) | -96.868333 |
| **Longitude** (degrees minutes seconds) | 096° 52' 06" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 560 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2652 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | R.H. Dearing & Sons |
| **Other Data Available** | Drillers Log |
| **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** | Texas Water Development Board |
| **Created Date** | 10/19/1976 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Abandoned in 1931. |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 12 | Blank | Steel | | | 0 | 587 |
| 8 | Blank | Steel | | | 587 | 2297 |

### *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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 127: GWS - 2825 ALAMO ST

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 127** | | **Source: Texas Water Development Board** |
| **Well Number: 3310503** | **GWS - Groundwater Supply** | **Banks ID: 3310503** |
| **Well Address: 2825 ALAMO ST, TX** | | **Rel. Loc.: 4.22mi E** |
| **Completion Date: 1940-01-01** | | **Drill Depth: 770.0** |
| **Owner: Neuhoff Brothers Meats** | | **Elevation: 413.39 ft (+4.46 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-503

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310503 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.791945 |
| **Latitude** (degrees minutes seconds) | 32° 47' 31" N |
| **Longitude** (decimal degrees) | -96.812501 |
| **Longitude** (degrees minutes seconds) | 096° 48' 45" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 400 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 770 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1940 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Neuhoff Brothers Meats |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/4/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 540 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 658.99 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 9 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 186 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 3.9 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 26 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1.1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 4.6 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 10.26 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 13 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 52.32 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 620 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 3045 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 520 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 23 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1681 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 129: GWS

| | | |
|---|---|---|
| **Map ID: 129** | | **Source: Texas Water Development Board** |
| **Well Number: 3317302** | **GWS - Groundwater Supply** | **Banks ID: 3317302** |
| **Well Address: TX** | | **Rel. Loc.: 4.24mi S** |
| **Completion Date:** | | **Drill Depth: 1492.0** |
| **Owner: Mt. St. Michaels Home** | | **Elevation: 652.89 ft (+243.96 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 129 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Mt. St. Michaels Home | TX | 259 |
| GWS | Mount St. Michaels | TX | 263 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-17-302

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3317302 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.746945 |
| **Latitude** (degrees minutes seconds) | 32° 44' 49" N |
| **Longitude** (decimal degrees) | -96.893056 |
| **Longitude** (degrees minutes seconds) | 096° 53' 35" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 649 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 1492 |
| **Well Depth Source** | Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Mt. St. Michaels Home |
| **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** | Texas Water Development Board |
| **Created Date** | 8/24/1994 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/8/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 400 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 488.14 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 26 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 22 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 2.7 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.56 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 25.96 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 282 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 185 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 744 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 129: GWS

| | | |
|---|---|---|
| **Map ID: 129** | | **Source: Texas Water Development Board** |
| **Well Number: 3317301** | **GWS - Groundwater Supply** | **Banks ID: 3317301** |
| **Well Address: TX** | | **Rel. Loc.: 4.24mi S** |
| **Completion Date: 1947-07-04** | | **Drill Depth: 2667.0** |
| **Owner: Mount St. Michaels** | | **Elevation: 652.89 ft (+243.96 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | J.L. Myers |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 129 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Mt. St. Michaels Home | TX | 259 |
| GWS | Mount St. Michaels | TX | 263 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-17-301

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3317301 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.746945 |
| **Latitude** (degrees minutes seconds) | 32° 44' 49" N |
| **Longitude** (decimal degrees) | -96.893056 |
| **Longitude** (degrees minutes seconds) | 096° 53' 35" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 651 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2667 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 7/4/1947 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Perforations |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | Miscellaneous Measurements |
| **Water Quality Available** | No |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Mount St. Michaels |
| **Driller** | J.L. Myers |
| **Other Data Available** | Drillers Log; Electric Log |
| **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** | Texas Water Development Board |
| **Created Date** | 8/24/1994 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 16 | Blank | Steel | | | 0 | 18 |
| 10 | Blank | Steel | | | 0 | 800 |
| 7 | Blank | Steel | | | 800 | 2520 |
| 6 | Blank | Steel | | | 2500 | 2520 |
| 6 | Screen | Steel | | | 2520 | 2620 |
| 6 | Blank | Steel | | | 2620 | 2667 |

### *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 | 7/4/1947 | | 300 | | 351 | 1 | Registered Water Well Driller | Unknown | | |

## Code Descriptions

| Status Code | Status Description |
|---|---|
| P | Publishable |

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 130: GWS

| | | |
|---|---|---|
| **Map ID: 130** | | **Source: Texas Water Development Board** |
| **Well Number: 3309301** | **GWS - Groundwater Supply** | **Banks ID: 3309301** |
| **Well Address: TX** | | **Rel. Loc.: 4.24mi N** |
| **Completion Date: 1959-01-01** | | **Drill Depth: 490.0** |
| **Owner: Texas Industries Inc** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | Pierce Pump Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-301

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309301 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.873055 |
| **Latitude** (degrees minutes seconds) | 32° 52' 23" N |
| **Longitude** (decimal degrees) | -96.905278 |
| **Longitude** (degrees minutes seconds) | 096° 54' 19" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 428 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 490 |
| **Well Depth Source** | Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1959 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Texas Industries Inc |
| **Driller** | Pierce Pump Co |
| **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** | Texas Water Development Board |
| **Created Date** | 10/1/2001 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Unused as of 2001. |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/21/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 135 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 164.75 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 29 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 61 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.5 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 84 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 3 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 2 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 7.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 1.01 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 7 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 5.34 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 74 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 113 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 770 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 108 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 27 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 405 | mg/L | |

## Water Quality Analysis

**Sample Date:** 7/23/1987 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 610 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 744.41 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 229 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 3.9 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 14 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.04 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 00937 | POTASSIUM, TOTAL (MG/L AS K) | | 2 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 11.92 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 10 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 74.39 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 99 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 642 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 3129 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 455 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 23 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1712 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 137: GWS

| | | |
|---|---|---|
| **Map ID: 137** | | **Source: Texas Water Development Board** |
| **Well Number: 3310828** | **GWS - Groundwater Supply** | **Banks ID: 3310828** |
| **Well Address: TX** | | **Rel. Loc.: 4.40mi E** |
| **Completion Date: 1898-01-01** | | **Drill Depth: 570.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 137 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Dallas Power and Light | TX | 273 |
| GWS | Dallas Power and Light | TX | 277 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-828

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310828 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.787222 |
| **Latitude** (degrees minutes seconds) | 32° 47' 14" N |
| **Longitude** (decimal degrees) | -96.811112 |
| **Longitude** (degrees minutes seconds) | 096° 48' 40" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 570 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1898 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-828

## Water Quality Analysis

**Sample Date:** 7/8/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 540.16 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 659.18 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 7.6 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 205 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 0 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 55 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 8.8 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 6 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 9.7 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 33.94 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 95 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 589 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 481 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1621 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 137: GWS

| | | |
|---|---|---|
| **Map ID: 137** | | **Source: Texas Water Development Board** |
| **Well Number: 3310829** | **GWS - Groundwater Supply** | **Banks ID: 3310829** |
| **Well Address: TX** | | **Rel. Loc.: 4.40mi E** |
| **Completion Date: 1907-01-01** | | **Drill Depth: 1427.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 137 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Dallas Power and Light | TX | 273 |
| GWS | Dallas Power and Light | TX | 277 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-829

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310829 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.787222 |
| **Latitude** (degrees minutes seconds) | 32° 47' 14" N |
| **Longitude** (decimal degrees) | -96.811112 |
| **Longitude** (degrees minutes seconds) | 096° 48' 40" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1427 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1907 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-829

## Water Quality Analysis

**Sample Date:** 7/8/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 569.67 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 695.19 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 11 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 23 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 3.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 48 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 5.1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 10.43 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 22.54 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 94 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 359 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 207 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 953 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 139: GWS - 2401 VICTORY PARK LN

**Map ID: 139**

**Source: Texas Water Development Board**

**Well Number: 3310831** | **GWS - Groundwater Supply** | **Banks ID: 3310831**

**Well Address: 2401 VICTORY PARK LN, TX** | **Rel. Loc.: 4.41mi E**

**Completion Date: 1948-01-01** | **Drill Depth: 1645.0**

**Owner: Dallas Power and Light** | **Elevation: 410.11 ft (+1.18 ft)**

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

### Sites in Map ID 139 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Dallas Power and Light | 2401 VICTORY PARK LN, TX | 281 |
| GWS | Dallas Power and Light | 2401 VICTORY PARK LN, TX | 285 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-831

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310831 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.787778 |
| **Latitude** (degrees minutes seconds) | 32° 47' 16" N |
| **Longitude** (decimal degrees) | -96.810556 |
| **Longitude** (degrees minutes seconds) | 096° 48' 38" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 410 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1645 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1948 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **Driller** | Layne-Texas |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 139: GWS - 2401 VICTORY PARK LN

| | | |
|---|---|---|
| **Map ID: 139** | | **Source: Texas Water Development Board** |
| **Well Number: 3310805** | **GWS - Groundwater Supply** | **Banks ID: 3310805** |
| **Well Address: 2401 VICTORY PARK LN, TX** | | **Rel. Loc.: 4.41mi E** |
| **Completion Date: 1948-01-01** | | **Drill Depth: 2758.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

## Sites in Map ID 139 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| GWS | Dallas Power and Light | 2401 VICTORY PARK LN, TX | 281 |
| GWS | Dallas Power and Light | 2401 VICTORY PARK LN, TX | 285 |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-805

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310805 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.787778 |
| **Latitude** (degrees minutes seconds) | 32° 47' 16" N |
| **Longitude** (decimal degrees) | -96.810556 |
| **Longitude** (degrees minutes seconds) | 096° 48' 38" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 411 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2758 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1948 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **Driller** | Layne-Texas |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 140: GWS

| | | |
|---|---|---|
| **Map ID: 140** | | **Source: Texas Water Development Board** |
| **Well Number: 3309201** | **GWS - Groundwater Supply** | **Banks ID: 3309201** |
| **Well Address: TX** | | **Rel. Loc.: 4.42mi NW** |
| **Completion Date: 1963-06-01** | | **Drill Depth: 1202.0** |
| **Owner: Las Colinas Golf Course** | | **Elevation: 459.32 ft (+50.39 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-201

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309201 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.858334 |
| **Latitude** (degrees minutes seconds) | 32° 51' 30" N |
| **Longitude** (decimal degrees) | -96.943334 |
| **Longitude** (degrees minutes seconds) | 096° 56' 36" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1202 |
| **Well Depth Source** | Owner |
| **Drilling Start Date** | |
| **Drilling End Date** | 6/0/1963 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Irrigation |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Las Colinas Golf Course |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | 3/22/2011 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 16 | Blank | Steel | | | 0 | 20 |
| 8 | Blank | Steel | | | 0 | 1139 |
| 4 | Blank | Steel | | | 986 | 1141 |
| 4 | Screen | Stainless Steel | | | 1141 | 1196 |
| 4 | Blank | Steel | | | 1196 | 1200 |

### *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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 141: GWS - 5516 ARCADIA DR

| | | |
|---|---|---|
| **Map ID: 141** | | **Source: Texas Water Development Board** |
| **Well Number: 3317303** | **GWS - Groundwater Supply** | **Banks ID: 3317303** |
| **Well Address: 5516 ARCADIA DR , TX 75211** | | **Rel. Loc.: 4.42mi S** |
| **Completion Date:** | | **Drill Depth: 556.0** |
| **Owner: Dallas Co. F.W.D. #1** | | **Elevation: 495.41 ft (+86.48 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-17-303

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3317303 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.747778 |
| **Latitude** (degrees minutes seconds) | 32° 44' 52" N |
| **Longitude** (decimal degrees) | -96.914723 |
| **Longitude** (degrees minutes seconds) | 096° 54' 53" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 492 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 556 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Public Supply |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Co. F.W.D. #1 |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 8/12/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 480.33 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 586.17 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 12 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 87 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 36 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 1.5 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 1.5 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.89 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 31.97 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 454 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 399 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1244 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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# Map ID 142: GWS - 2371 VICTORY AVE

| | | |
|---|---|---|
| **Map ID: 142** | | **Source: Texas Water Development Board** |
| **Well Number: 3310804** | **GWS - Groundwater Supply** | **Banks ID: 3310804** |
| **Well Address: 2371 VICTORY AVE, TX** | | **Rel. Loc.: 4.44mi E** |
| **Completion Date: 1924-01-01** | | **Drill Depth: 1631.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 413.39 ft (+4.46 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | R.H.Dearing and Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-804

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310804 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.7866667 |
| **Latitude** (degrees minutes seconds) | 32° 47' 12" N |
| **Longitude** (decimal degrees) | -96.8105556 |
| **Longitude** (degrees minutes seconds) | 096° 48' 38" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 404 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1631 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1924 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **Driller** | R.H.Dearing and Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Contacted by owner on 12/1/2016, this well was plugged several years ago. |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/8/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Paluxy Sand

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 445.08 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 543.15 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 9.6 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 20 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 24 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.2 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.5 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.41 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 22.43 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 278 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 148 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 724 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 146: GWS

| | | |
|---|---|---|
| **Map ID: 146** | | **Source: Texas Water Development Board** |
| **Well Number: 3317205** | **GWS - Groundwater Supply** | **Banks ID: 3317205** |
| **Well Address: TX** | | **Rel. Loc.: 4.48mi SW** |
| **Completion Date:** | | **Drill Depth: 534.0** |
| **Owner:** | | **Elevation: 439.63 ft (+30.71 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-17-205

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3317205 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.749722 |
| **Latitude** (degrees minutes seconds) | 32° 44' 59" N |
| **Longitude** (decimal degrees) | -96.922778 |
| **Longitude** (degrees minutes seconds) | 096° 55' 22" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 432 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 534 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Domestic |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 9/16/1976 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 9 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 438 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 512.55 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2.2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 10.8 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 72 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.6 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 9 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | < | 100 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 1 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 4.3 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.5 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.57 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 11 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 64.15 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 99 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 445 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 2106 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 405 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1204 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 148: GWS

| | | |
|---|---|---|
| **Map ID: 148** | | **Source: Texas Water Development Board** |
| **Well Number: 3310815** | **GWS - Groundwater Supply** | **Banks ID: 3310815** |
| **Well Address: TX** | | **Rel. Loc.: 4.49mi SE** |
| **Completion Date: 1952-01-01** | | **Drill Depth: 856.0** |
| **Owner: Dallas Concrete Co** | | **Elevation: 416.67 ft (+7.74 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-815

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310815 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.777222 |
| **Latitude** (degrees minutes seconds) | 32° 46' 38" N |
| **Longitude** (decimal degrees) | -96.814723 |
| **Longitude** (degrees minutes seconds) | 096° 48' 53" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 395 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 856 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1952 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Concrete Co |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 151: GWS - 2223 VICTORY AVE

| | | |
|---|---|---|
| **Map ID: 151** | | **Source: Texas Water Development Board** |
| **Well Number: 3310806** | **GWS - Groundwater Supply** | **Banks ID: 3310806** |
| **Well Address: 2223 VICTORY AVE, TX** | | **Rel. Loc.: 4.52mi E** |
| **Completion Date: 1950-01-01** | | **Drill Depth: 2754.0** |
| **Owner: Dallas Power and Light** | | **Elevation: 413.39 ft (+4.46 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Layne-Texas |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-806

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310806 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.784722 |
| **Latitude** (degrees minutes seconds) | 32° 47' 05" N |
| **Longitude** (decimal degrees) | -96.810001 |
| **Longitude** (degrees minutes seconds) | 096° 48' 36" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 414 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2754 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1950 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas Power and Light |
| **Driller** | Layne-Texas |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 153: GWS

| | | |
|---|---|---|
| **Map ID: 153** | | **Source: Texas Water Development Board** |
| **Well Number: 3301903** | **GWS - Groundwater Supply** | **Banks ID: 3301903** |
| **Well Address: TX** | | **Rel. Loc.: 4.53mi N** |
| **Completion Date: 1970-01-01** | | **Drill Depth: 523.0** |
| **Owner: Technical Chemical Co** | | **Elevation: 426.51 ft (+17.59 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | Pierce Pump Co |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-01-903

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3301903 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.875278 |
| **Latitude** (degrees minutes seconds) | 32° 52' 31" N |
| **Longitude** (decimal degrees) | -96.914445 |
| **Longitude** (degrees minutes seconds) | 096° 54' 52" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 428 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 523 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1970 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Technical Chemical Co |
| **Driller** | Pierce Pump Co |
| **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** | Texas Water Development Board |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-01-903

## Water Quality Analysis

**Sample Date:** 10/30/1974 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Groundwater Consultant

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Misc. Commerical Lab **Reliability:**

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 462 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 563.8 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 19 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 240 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 84 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 9 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.3 | SU | |
| 00937 | POTASSIUM, TOTAL (MG/L AS K) | | 10.3 | mg/L | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 7.55 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 10 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 66.47 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 97 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 1404 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 2750 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 702 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 2671 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 159: GWS

| | | |
|---|---|---|
| **Map ID: 159** | | **Source: Texas Water Development Board** |
| **Well Number: 3301904** | **GWS - Groundwater Supply** | **Banks ID: 3301904** |
| **Well Address: TX** | | **Rel. Loc.: 4.56mi N** |
| **Completion Date: 1971-01-01** | | **Drill Depth: 31.0** |
| **Owner: Charles S. Peeple** | | **Elevation: 446.19 ft (+37.27 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 100ALVM |
| **Driller:** | Pierce Pump |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-01-904

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3301904 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.879444 |
| **Latitude** (degrees minutes seconds) | 32° 52' 46" N |
| **Longitude** (decimal degrees) | -96.885834 |
| **Longitude** (degrees minutes seconds) | 096° 53' 09" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 100ALVM - Alluvium |
| **Aquifer** | Other |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 449 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 31 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1971 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Irrigation |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Jet |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Charles S. Peeple |
| **Driller** | Pierce Pump |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-01-904

## Water Quality Analysis

**Sample Date:** 6/23/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Alluvium

**Analyzed Lab:** Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

**Collection Remarks:** pressure tank

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 351 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 428.34 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 153 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 81 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 0.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 398 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 7.7 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 0 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 16 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 1.33 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 24 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 61 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1136 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 66 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 27 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 592 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 169: GWS - 2019 N LAMAR ST

| | | |
|---|---|---|
| **Map ID: 169** | | **Source: Texas Water Development Board** |
| **Well Number: 3310813** | **GWS - Groundwater Supply** | **Banks ID: 3310813** |
| **Well Address: 2019 N LAMAR ST, TX** | | **Rel. Loc.: 4.66mi E** |
| **Completion Date: 1956-01-01** | | **Drill Depth: 873.0** |
| **Owner: Liquid Carbonic Co** | | **Elevation: 426.51 ft (+17.59 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-813

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310813 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.783889 |
| **Latitude** (degrees minutes seconds) | 32° 47' 02" N |
| **Longitude** (decimal degrees) | -96.807778 |
| **Longitude** (degrees minutes seconds) | 096° 48' 28" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 420 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 873 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1956 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Liquid Carbonic Co |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | 8/25/1997 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 170: GWS

| | | |
|---|---|---|
| **Map ID: 170** | | **Source: Texas Water Development Board** |
| **Well Number: 3310814** | **GWS - Groundwater Supply** | **Banks ID: 3310814** |
| **Well Address: TX** | | **Rel. Loc.: 4.66mi SE** |
| **Completion Date:** | | **Drill Depth:** |
| **Owner:** | | **Elevation: 426.51 ft (+17.59 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-814

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310814 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.782778 |
| **Latitude** (degrees minutes seconds) | 32° 46' 58" N |
| **Longitude** (decimal degrees) | -96.808334 |
| **Longitude** (degrees minutes seconds) | 096° 48' 30" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 420 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | |
| **Well Depth Source** | |
| **Drilling Start Date** | |
| **Drilling End Date** | |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 175: GWS

| | | |
|---|---|---|
| **Map ID: 175** | | **Source: Texas Water Development Board** |
| **Well Number: 3310822** | **GWS - Groundwater Supply** | **Banks ID: 3310822** |
| **Well Address: TX** | | **Rel. Loc.: 4.77mi SE** |
| **Completion Date: 1924-01-01** | | **Drill Depth: 2750.0** |
| **Owner: City of Dallas** | | **Elevation: 403.54 ft (-5.38 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | Randolph and Steilsmith |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-822

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310822 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.764167 |
| **Latitude** (degrees minutes seconds) | 32° 45' 51" N |
| **Longitude** (decimal degrees) | -96.819444 |
| **Longitude** (degrees minutes seconds) | 096° 49' 10" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 407 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2750 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1924 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Dallas |
| **Driller** | Randolph and Steilsmith |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/20/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 427.75 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 522 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 6.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 88 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.2 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 25 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 0 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 2.4 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.04 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 34.14 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 378 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 279 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 43 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1012 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 179: GWS

| | | |
|---|---|---|
| **Map ID: 179** | | **Source: Texas Water Development Board** |
| **Well Number: 3310505** | **GWS - Groundwater Supply** | **Banks ID: 3310505** |
| **Well Address: TX** | | **Rel. Loc.: 4.78mi E** |
| **Completion Date: 1924-01-01** | | **Drill Depth: 2875.0** |
| **Owner: City of Highland Park** | | **Elevation: 495.41 ft (+86.48 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | R.H. Dearing and Son |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-505

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310505 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.826667 |
| **Latitude** (degrees minutes seconds) | 32° 49' 36" N |
| **Longitude** (decimal degrees) | -96.802501 |
| **Longitude** (degrees minutes seconds) | 096° 48' 09" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 500 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2875 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1924 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Highland Park |
| **Driller** | R.H. Dearing and Son |
| **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** | Texas Water Development Board |
| **Created Date** | 6/25/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Notified by City of Highland Park on 11/6/2015 well was plugged several years ago. |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 181: GWS - 500 ELM ST

| | | |
|---|---|---|
| **Map ID: 181** | | **Source: Texas Water Development Board** |
| **Well Number: 3310809** | **GWS - Groundwater Supply** | **Banks ID: 3310809** |
| **Well Address: 500 ELM ST, TX** | | **Rel. Loc.: 4.80mi SE** |
| **Completion Date: 1927-01-01** | | **Drill Depth: 1637.0** |
| **Owner: Dallas County** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | R.H.Dearing and Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-809

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310809 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.779167 |
| **Latitude** (degrees minutes seconds) | 32° 46' 45" N |
| **Longitude** (decimal degrees) | -96.807501 |
| **Longitude** (degrees minutes seconds) | 096° 48' 27" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1637 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1927 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas County |
| **Driller** | R.H.Dearing and Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 182: GWS - <Null>

| | | |
|---|---|---|
| **Map ID: 182** | | **Source: Texas Water Development Board** |
| **Well Number: 3309706** | **GWS - Groundwater Supply** | **Banks ID: 3309706** |
| **Well Address: <Null>, TX <Null>** | | **Rel. Loc.: 4.81mi W** |
| **Completion Date: 1968-01-01** | | **Drill Depth: 291.0** |
| **Owner: Quiet Acres Trailer Park** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | A.B. Hoipkemeier Drilling |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-706

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309706 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.781667 |
| **Latitude** (degrees minutes seconds) | 32° 46' 54" N |
| **Longitude** (decimal degrees) | -96.965834 |
| **Longitude** (degrees minutes seconds) | 096° 57' 57" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 420 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 291 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1968 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Quiet Acres Trailer Park |
| **Driller** | A.B. Hoipkemeier Drilling |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 183: GWS

| | | |
|---|---|---|
| **Map ID: 183** | | **Source: Texas Water Development Board** |
| **Well Number: 3310504** | **GWS - Groundwater Supply** | **Banks ID: 3310504** |
| **Well Address: TX** | | **Rel. Loc.: 4.81mi E** |
| **Completion Date: 1913-01-01** | | **Drill Depth: 2700.0** |
| **Owner: City of Highland Park** | | **Elevation: 495.41 ft (+86.48 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | B.J. Harper |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-504

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310504 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.8275 |
| **Latitude** (degrees minutes seconds) | 32° 49' 39" N |
| **Longitude** (decimal degrees) | -96.802223 |
| **Longitude** (degrees minutes seconds) | 096° 48' 08" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 500 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2700 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1913 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | City of Highland Park |
| **Driller** | B.J. Harper |
| **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** | Texas Water Development Board |
| **Created Date** | 6/25/1975 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | Notified by City of Highland Park on 11/6/2015 well plugged several years ago. |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/25/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 280.33 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 342 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 204 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 232 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 2.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 863 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 86 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 0 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 46.26 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 88 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 3124 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 6759 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 10575 | mg/L | |

## Water Quality Analysis

**Sample Date:** 6/25/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 282 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 344.14 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 70 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 196 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 3.9 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 326 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 37 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | < | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 0 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 12 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 47.64 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 92 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 1980 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 11760 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 3900 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 27 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 6368 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 184: GWS - 100 S HOUSTON ST

| | | |
|---|---|---|
| **Map ID: 184** | | **Source: Texas Water Development Board** |
| **Well Number: 3310808** | **GWS - Groundwater Supply** | **Banks ID: 3310808** |
| **Well Address: 100 S HOUSTON ST, TX** | | **Rel. Loc.: 4.84mi SE** |
| **Completion Date: 1890-01-01** | | **Drill Depth: 740.0** |
| **Owner: Dallas County** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-808

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310808 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.778333 |
| **Latitude** (degrees minutes seconds) | 32° 46' 42" N |
| **Longitude** (decimal degrees) | -96.807223 |
| **Longitude** (degrees minutes seconds) | 096° 48' 26" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 430 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 740 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1890 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Dallas County |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 188: GWS

| | | |
|---|---|---|
| **Map ID: 188** | | **Source: Texas Water Development Board** |
| **Well Number: 3309202** | **GWS - Groundwater Supply** | **Banks ID: 3309202** |
| **Well Address: TX** | | **Rel. Loc.: 4.88mi NW** |
| **Completion Date: 1974-04-17** | | **Drill Depth: 1222.0** |
| **Owner: Las Colinas Corp** | | **Elevation: 495.41 ft (+86.48 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-202

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309202 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.861112 |
| **Latitude** (degrees minutes seconds) | 32° 51' 40" N |
| **Longitude** (decimal degrees) | -96.951112 |
| **Longitude** (degrees minutes seconds) | 096° 57' 04" W |
| **Coordinate Source** | +/- 1 Second |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 495 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 1222 |
| **Well Depth Source** | Driller's Log |
| **Drilling Start Date** | |
| **Drilling End Date** | 4/17/1974 |
| **Drilling Method** | Mud (Hydraulic) Rotary |
| **Borehole Completion** | Gravel Pack w/Screen |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Irrigation |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | Submersible |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Las Colinas Corp |
| **Driller** | J.L. Myers Sons |
| **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** | LAS COLINAS CLUB HOUSE 1 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | |
| **Created Date** | 3/22/2011 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

### *Casing*

| Diameter (in.) | Casing Type | Casing Material | Schedule | Gauge | Top Depth (ft.) | Bottom Depth (ft.) |
|---|---|---|---|---|---|---|
| 5 | Blank | Steel | | | 0 | 1130 |
| 2 | Screen | Stainless Steel | | | 1130 | 1140 |
| 2 | Screen | Stainless Steel | | | 1165 | 1186 |

### *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

No Data Available

## Water Quality Analysis - No Data Available

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## Map ID 189: GWS

| | | |
|---|---|---|
| **Map ID: 189** | | **Source: Texas Water Development Board** |
| **Well Number: 3310807** | **GWS - Groundwater Supply** | **Banks ID: 3310807** |
| **Well Address: TX** | | **Rel. Loc.: 4.89mi SE** |
| **Completion Date: 1925-01-01** | | **Drill Depth: 2776.0** |
| **Owner: Union Terminal Co** | | **Elevation: 423.23 ft (+14.30 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218TWMT |
| **Driller:** | R.H.Dearing and Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-807

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3310807 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.776389 |
| **Latitude** (degrees minutes seconds) | 32° 46' 35" N |
| **Longitude** (decimal degrees) | -96.807501 |
| **Longitude** (degrees minutes seconds) | 096° 48' 27" W |
| **Coordinate Source** | +/- 10 Seconds |
| **Aquifer Code** | 218TWMT - Twin Mountains Formation |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 425 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 2776 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1925 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Unused |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Union Terminal Co |
| **Driller** | R.H.Dearing and Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 6/30/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other Federal Agencies

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** University of Texas **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 449.87 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 549 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 8.4 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 90 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 32 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 2.7 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 2.5 | mg/L as NO3 | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.36 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 30.84 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 96 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 403 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 314 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 1091 | mg/L | |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-10-807

## Water Quality Analysis

**Sample Date:** 9/1/1967 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Other or Identity Unknown

**Sampled Aquifer:** Twin Mountains Formation

**Analyzed Lab:** **Reliability:** Reliability unknown or not available

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 49 | mg/L as CACO3 | |
| 00910 | CALCIUM (MG/L) | | 25 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 29 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 0.8 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 79 | mg/L as CACO3 | |
| 01045 | IRON, TOTAL (UG/L AS FE) | | 200 | ug/L | |
| 00920 | MAGNESIUM (MG/L) | | 4 | mg/L | |
| 01055 | MANGANESE, TOTAL (UG/L AS MN) | | 100 | ug/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 0.4 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.8 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 0 | | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 0.98 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 36 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 20 | mg/L | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 34 | mg/L as SO4 | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 174 | mg/L | |

** 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 (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 191: GWS - 1000 MacArthur Blvd

| | | |
|---|---|---|
| **Map ID: 191** | | **Source: Texas Water Development Board** |
| **Well Number: 3309708** | **GWS - Groundwater Supply** | **Banks ID: 3309708** |
| **Well Address: 1000 MacArthur Blvd, TX 75050** | | **Rel. Loc.: 4.91mi SW** |
| **Completion Date: 1955-01-01** | | **Drill Depth: 450.0** |
| **Owner: Gifford Hill American** | | **Elevation: 433.07 ft (+24.15 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 212WDBN |
| **Driller:** | J.L. Myers Sons |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-708

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309708 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.767778 |
| **Latitude** (degrees minutes seconds) | 32° 46' 04" N |
| **Longitude** (decimal degrees) | -96.958889 |
| **Longitude** (degrees minutes seconds) | 096° 57' 32" W |
| **Coordinate Source** | +/- 5 Seconds |
| **Aquifer Code** | 212WDBN - Woodbine Sand |
| **Aquifer** | Woodbine |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 415 |
| **Land Surface Elevation Method** | Interpolated From Topo Map |
| **Well Depth** (feet below land surface) | 450 |
| **Well Depth Source** | Unknown |
| **Drilling Start Date** | |
| **Drilling End Date** | 0/0/1955 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Industrial |
| **Water Level Observation** | None |
| **Water Quality Available** | Yes |
| **Pump** | Turbine |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | Electric Motor |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Gifford Hill American |
| **Driller** | J.L. Myers Sons |
| **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** | |
| **Created Date** | |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis

**Sample Date:** 7/21/1975 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

**Sampled Aquifer:** Woodbine Sand

**Analyzed Lab:** Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

**Collection Remarks:** No Data

| Parameter Code | Parameter Description | Flag | Value* | Units | Plus/Minus |
|---|---|---|---|---|---|
| 00415 | ALKALINITY, PHENOLPHTHALEIN (MG/L) | | 0 | mg/L | |
| 00410 | ALKALINITY, TOTAL (MG/L AS CACO3) | | 422 | mg/L as CACO3 | |
| 00440 | BICARBONATE ION, CALCULATED (MG/L AS HCO3) | | 514.99 | mg/L | |
| 00910 | CALCIUM (MG/L) | | 2.2 | mg/L | |
| 00445 | CARBONATE ION, CALCULATED (MG/L AS CO3) | | 0 | mg/L | |
| 00940 | CHLORIDE, TOTAL (MG/L AS CL) | | 35 | mg/L | |
| 00950 | FLUORIDE, DISSOLVED (MG/L AS F) | | 1.4 | mg/L | |
| 00900 | HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3) | | 6 | mg/L as CACO3 | |
| 00920 | MAGNESIUM (MG/L) | | 0.36 | mg/L | |
| 71851 | NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3) | | 3.1 | mg/L as NO3 | |
| 00400 | PH (STANDARD UNITS), FIELD | | 8.2 | SU | |
| 71860 | RESIDUAL SODIUM CARBONATE, CALCULATED | | 8.3 | | |
| 00955 | SILICA, DISSOLVED (MG/L AS SI02) | | 9 | mg/L as SIO2 | |
| 00931 | SODIUM ADSORPTION RATIO, CALCULATED (SAR) | | 45.7 | | |
| 00932 | SODIUM, CALCULATED, PERCENT | | 98 | PCT | |
| 00929 | SODIUM, TOTAL (MG/L AS NA) | | 317 | mg/L | |
| 00094 | SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C) | | 1485 | MICR | |
| 00945 | SULFATE, TOTAL (MG/L AS SO4) | | 209 | mg/L as SO4 | |
| 00010 | TEMPERATURE, WATER (CELSIUS) | | 27 | C | |
| 70301 | TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L) | | 830 | mg/L | |

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

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## Map ID 193: GWS

| | | |
|---|---|---|
| **Map ID: 193** | | **Source: Texas Water Development Board** |
| **Well Number: 3309711** | **GWS - Groundwater Supply** | **Banks ID: 3309711** |
| **Well Address: TX** | | **Rel. Loc.: 4.92mi SW** |
| **Completion Date: 1955-06-08** | | **Drill Depth: 950.0** |
| **Owner: Hanson Presure Pipe Well #2** | | **Elevation: 433.07 ft (+24.15 ft)** |

| | |
|---|---|
| **County:** | Dallas |
| **Aquifer Code:** | 218PLXY |
| **Driller:** | |
| **Drilling Start Date:** | |
| **Drilling Method:** | |
| **Well Type:** | Withdrawal of Water |

# End of GWS Section

# Texas Water Development Board (TWDB)
# Groundwater Database (GWDB)
# Well Information Report for State Well Number 33-09-711

GWDB Reports and Downloads

## Well Basic Details

Scanned Documents

| | |
|---|---|
| **State Well Number** | 3309711 |
| **County** | Dallas |
| **River Basin** | Trinity |
| **Groundwater Management Area** | 8 |
| **Regional Water Planning Area** | C - Region C |
| **Groundwater Conservation District** | GCD Does Not Exist |
| **Latitude** (decimal degrees) | 32.7675 |
| **Latitude** (degrees minutes seconds) | 32° 46' 03" N |
| **Longitude** (decimal degrees) | -96.958889 |
| **Longitude** (degrees minutes seconds) | 096° 57' 32" W |
| **Coordinate Source** | Global Positioning System - GPS |
| **Aquifer Code** | 218PLXY - Paluxy Sand |
| **Aquifer** | Trinity |
| **Aquifer Pick Method** | |
| **Land Surface Elevation** (feet above sea level) | 435 |
| **Land Surface Elevation Method** | Digital Elevation Model -DEM |
| **Well Depth** (feet below land surface) | 950 |
| **Well Depth Source** | Another Government Agency |
| **Drilling Start Date** | |
| **Drilling End Date** | 6/8/1955 |
| **Drilling Method** | |
| **Borehole Completion** | |

| | |
|---|---|
| **Well Type** | Withdrawal of Water |
| **Well Use** | Plugged or Destroyed |
| **Water Level Observation** | None |
| **Water Quality Available** | No |
| **Pump** | None |
| **Pump Depth** (feet below land surface) | |
| **Power Type** | |
| **Annular Seal Method** | |
| **Surface Completion** | |
| **Owner** | Hanson Presure Pipe  Well #2 |
| **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** | G0570166B |
| **Groundwater Conservation District Well Number** | |
| **Owner Well Number** | 2 |
| **Other Well Number** | |
| **Previous State Well Number** | |
| **Reporting Agency** | Texas Commission on Environmental Quality |
| **Created Date** | 1/23/2012 |
| **Last Update Date** | 3/4/2020 |

| | |
|---|---|
| **Remarks** | TCEQ reports well is plugged. |

***Casing - No Data***

***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

No Data Available

## Water Quality Analysis - No Data Available

*GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (https://www.twdb.texas.gov/groundwater/data/gwdbrpt.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.*

## Map ID 2: HIST - 1100 Empire Central Place

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

### HIST - Historical Waterwell

| | | |
|---|---|---|
| **Map ID: 2** | | **Source: TCEQ** |
| **Grid Number: 33-10-4** | **HIST - Historical Waterwell** | **Banks ID: 4811301990** |
| **Well Address: 1100 Empire Central Place, Dallas, TX** | | **Rel. Loc.: 0.86mi NE** |
| **Completion Date: 1993-02-01** | | **Drill Depth: 1240.0** |
| **Owner: Andersen Consulting** | | **Elevation: 410.11 ft (+1.18 ft)** |

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** *Please use black ink.*

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

# State of Texas WELL REPORT

**Texas Water Well Drillers Board**
**P.O. Box 13087**
**Austin, Texas 78711**

1) **OWNER** Andersen Consulting (Name) **ADDRESS** 1100 Empire Central Place, Dallas, TX (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:**
County Dallas _____ miles in _____ (NE, SW, etc.) direction from Dallas (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):**
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):**
☐ Domestic ☒ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):**
☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling:
Started 11/ 1993
Completed 2/ 1993

**DIAMETER OF HOLE**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| | Surface | |

RECEIVED FEB 28 1994 TEXAS WATER COMMISSION

7) **BOREHOLE COMPLETION:**
☐ Open Hole ☐ Straight Wall ☒ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.) To (ft.) Description and color of formation material

see attached

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| | | see attached | | | |

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by Halliburton

10) **SURFACE COMPLETION**
☒ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth

13) **TYPE PUMP:**
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

**COMPANY NAME** J. L. Myers Co. (Type or print) **WELL DRILLER'S LICENSE NO.** 265

**ADDRESS** 8325 Forney Road (Street or RFD) Dallas (City) TX (State) 75227 (Zip)

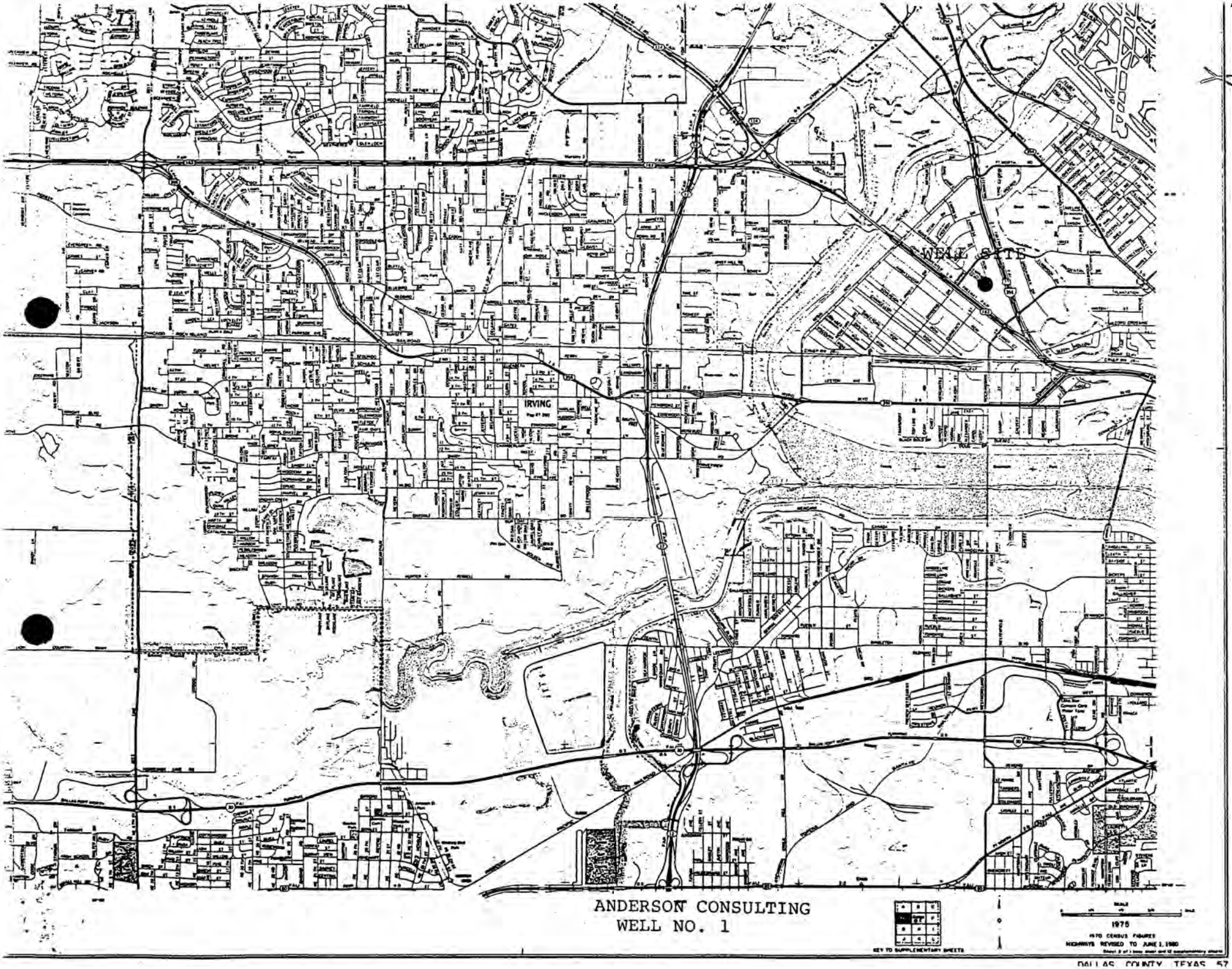
**(Signed)** Joe W. Dillard (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 33-10-4 Located on map _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY




ANDERSON CONSULTING
WELL NO. 1

1975

DALLAS COUNTY, TEXAS 57

# DRILLER'S LOG

OWNER : ANDERSEN CONSULTING
WELL NO. 1

LOCATION: 1100 EMPIRE CENTRAL PLACE
DALLAS, TX

DATE : DECEMBER 1993

DRILLER : D. CONGER

| DEPTH OF STRATA From | To | EACH STRATUM Feet | DESCRIPTION |
|---|---|---|---|
| 0 | 30 | 30 | Clay |
| 30 | 45 | 15 | Blue clay |
| 45 | 55 | 10 | Gravel |
| 55 | 310 | 255 | Blue clay |
| 310 | 345 | 35 | Sand |
| 345 | 400 | 55 | Clay |
| 400 | 420 | 20 | Broken sand |
| 420 | 460 | 40 | Clay |
| 460 | 570 | 110 | Clay and sand |
| 570 | 610 | 40 | Tight brown clay |
| 610 | 660 | 50 | Broken sand |
| 660 | 740 | 80 | Brown clay |
| 740 | 810 | 70 | Clay |
| 810 | 850 | 40 | Broken lime |
| 850 | 890 | 40 | Lime and clay |
| 890 | 990 | 100 | Broken lime |
| 990 | 1050 | 60 | Lime |
| 1050 | 1090 | 40 | Broken lime |
| 1090 | 1120 | 30 | Shale |
| 1120 | 1202 | 82 | Lime |
| 1202 | 1240 | 38 | Clay and shale |

J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227

# MATERIAL SETTING

OWNER : ANDERSEN CONSULTING
WELL NO. 1

LOCATION: 1100 EMPIRE CENTRAL PLACE
DALLAS, TX

DATE : DECEMBER 1993

| FROM | TO | AMOUNT | DESCRIPTION |
|---|---|---|---|
| 0 | 22 | 22 | 13-3/8"OD surface casing, cemented in place |
| +2 | 1218 | 1220 | 7"OD 23#/ft T&C casing, with centralizers and float collar, in 11" hole. Cemented by Halliburton with 290 sacks Premium and 8% gel. |
| 1130 | 1228 | 98 | 3-1/2"OD galvanized blank liner with R&L coupling |
| 1228 | 1240 | 12 | 3-1/2"OD SS wire wrapped WESCO UnderBar Plus screen on galvanized pipe |
| 1240 | 1258 | 18 | 3-1/2" blank with centralizer |
| 1258 | 1270 | 12 | 3-1/2" screen |
| 1270 | 1292 | 22 | 3-1/2" blank with centrlaizer |
| 1292 | 1310 | 18 | 3-1/2" screen |
| 1310 | 1318 | 8 | 3-1/2" blank |
| 1318 | 1336 | 18 | 3-1/2" screen |
| 1336 | 1346 | 10 | 3-1/2" blank with centralizer |
| 1346 | 1360 | 14 | 3-1/2" screen |
| 1360 | 1366 | 6 | 3-1/2" blank |
| 1218 | 1366 | 148 | 14" underreamed hole packed with TMC 16x30 gravel |

J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227

Cementer: Fill in shaded areas.
Operator: Fill in other items.

# RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

**Form W-15**
Cementing Report
Rev. 4/1/83
483-045

| 1. Operator's Name (As shown on Form P-5, Organization Report) | 2. RRC Operator No. | 3. RRC District No. | 4. County of Well Site |
|---|---|---|---|
| J L Myers Company | | | Dallas |
| 5. Field Name (Wildcat or exactly as shown on RRC records) | | 6. API No. 42- | 7. Drilling Permit No. |
| 8. Lease Name: Anderson Consulting | 9. Rule 37 Case No. | 10. Oil Lease/Gas ID No. | 11. Well No. 1 |

| CASING CEMENTING DATA: | | SURFACE CASING | INTER-MEDIATE CASING | PRODUCTION CASING | | MULTI-STAGE CEMENTING PROCESS | |
|---|---|---|---|---|---|---|---|
| | | | | Single String | Multiple Parallel Strings | Tool | Shoe |
| 12. Cementing Date | | 12-1-93 | | | | | |
| 13. •Drilled hole size | | | | | | | |
| •Est. % wash or hole enlargement | | | | | | | |
| 14. Size of casing (in. O.D.) | | | | | | | |
| 15. Top of liner (ft.) | | | | | | | |
| 16. Setting depth (ft.) | | | | | | | |
| 17. Number of centralizers used | | | | | | | |
| 18. Hrs. waiting on cement before drill-out | | | | | | | |
| 1st Slurry | 19. API cement used: No. of sacks ▶ | 290 | | | | | |
| | Class ▶ | Prem | | | | | |
| | Additives ▶ | remarks | | | | | |
| 2nd Slurry | No. of sacks ▶ | | | | | | |
| | Class ▶ | | | | | | |
| | Additives ▶ | | | | | | |
| 3rd Slurry | No. of sacks ▶ | | | | | | |
| | Class ▶ | | | | | | |
| | Additives ▶ | | | | | | |
| 1st | 20. Slurry pumped: Volume (cu. ft.) ▶ | 574.2 | | | | | |
| | Height (ft.) ▶ | 1391.23 | | | | | |
| 2nd | Volume (cu. ft.) ▶ | | | | | | |
| | Height (ft.) ▶ | | | | | | |
| 3rd | Volume (cu. ft.) ▶ | | | | | | |
| | Height (ft.) ▶ | | | | | | |
| Total | Volume (cu. ft.) ▶ | 574.2 | | | | | |
| | Height (ft.) ▶ | 1391.23 | | | | | |
| 21. Was cement circulated to ground surface (or bottom of cellar) outside casing? | | YES | | | | | |

22. Remarks

8% Gel, 5% Salt

OVER ▶

| CEMENTING TO PLUG AND ABANDON | PLUG # 1 | PLUG # 2 | PLUG # 3 | PLUG # 4 | PLUG # 5 | PLUG # 6 | PLUG # 7 | PLUG # 8 |
|---|---|---|---|---|---|---|---|---|
| 23. Cementing date | | | | | | | | |
| 24. Size of hole or pipe plugged (in.) | | | | | | | | |
| 25. Depth to bottom of tubing or drill pipe (ft.) | | | | | | | | |
| 26. Sacks of cement used (each plug) | | | | | | | | |
| 27. Slurry volume pumped (cu. ft.) | | | | | | | | |
| 28. Calculated top of plug (ft.) | | | | | | | | |
| 29. Measured top of plug, if tagged (ft.) | | | | | | | | |
| 30. Slurry wt. (lbs/gal) | | | | | | | | |
| 31. Type cement | | | | | | | | |

**CEMENTER'S CERTIFICATE:** I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Jerry Mower | Multi Serv Operator | Halliburton Energy Serv | Jerry Mower

Name and title of cementer's representative | Cementing Company | Signature

P. O. Box 207 | Jacksboro | Texas | 76458 | 800 | 354 | 9124 | 12 | 01 | 93

Address | City, | State, | Zip Code | Tel.: Area Code | Number | Date: mo. | day | yr.

**OPERATOR'S CERTIFICATE:** I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Typed or printed name of operator's representative | Title | Signature

Address | City, | State, | Zip Code | Tel.: Area Code | Number | Date: | mo. | day | yr.

## Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For **offshore** operations, see the requirements of Rule 13 (c).

A. **What to file.** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting **dry** holes, operators must complete Form **W-15, in addition to Form W-3, to show any casing cemented in the hole.**

B. **Where to file.** The appropriate Commission District Office for the county in which the well is located.

C. **Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. **Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. **Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. **Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. **Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

# PUMPING TEST

OWNER : ANDERSEN CONSULTING
WELL NO. 1

LOCATION: 1100 EMPIRE CENTRAL PLACE
DALLAS, TX

DATE : JANUARY 1994 - 50HP 16MB BOWL; PUMP SET 690'; SL 400

| DATE & TIME | ORIFICE | GPM | AIRLINE READING | WATER LEVEL | REMARKS |
|---|---|---|---|---|---|
| 01-04-94 | | | | | |
| 07:00 AM | 15 | 100 | 290 | 400 | Cloudy - 5 min |
| 08:00 | 15 | 100 | 175 | 515 | Clear |
| 09:00 | 15 | 100 | 164 | 526 | |
| 10:00 | 15 | 100 | 163 | 527 | |
| 11:00 | 15 | 100 | 160 | 530 | |
| 12:00 PM | 15 | 100 | 155 | 535 | |
| 01:00 | 15 | 100 | 152 | 538 | |
| 02:00 | 15 | 100 | 150 | 540 | |
| 03:00 | 15 | 100 | 147 | 543 | |
| 04:00 | 15 | 100 | 145 | 545 | |
| 05:00 | 15 | 100 | 142 | 548 | |
| 06:00 | 15 | 100 | 139 | 551 | |
| 07:00 | 15 | 100 | 139 | 551 | |
| 08:00 | 15 | 100 | 138 | 552 | |
| 09:00 | 15 | 100 | 138 | 552 | |
| 10:00 | 15 | 100 | 137 | 553 | |
| 11:00 | 15 | 100 | 136 | 554 | |
| 01-05-94 | | | | | |
| 12:00 AM | 15 | 100 | 136 | 554 | |
| 01:00 | 15 | 100 | 136 | 554 | |
| 02:00 | 15 | 100 | 136 | 554 | |
| 03:00 | 15 | 100 | 136 | 554 | |
| 04:00 | 15 | 100 | 136 | 554 | |
| 05:00 | 15 | 100 | 135 | 555 | |
| 06:00 | 15 | 100 | 134 | 556 | |
| 07:00 | 15 | 100 | 134 | 556 | |
| RECOVERY | | | | | |
| 07:05 | | | 250 | 440 | |
| 07:10 | | | 253 | 437 | |
| 07:15 | | | 256 | 434 | |
| 07:20 | | | 259 | 431 | |
| 07:25 | | | 262 | 428 | |
| 07:30 | | | 265 | 425 | |
| 07:45 | | | 269 | 421 | |
| 08:00 | | | 271 | 419 | |
| 08:15 | | | 275 | 415 | |

ANDERSEN CONSULTING, WELL NO. 1
PUMPING TEST CONTINUED

| DATE & TIME | ORIFICE | GPM | AIRLINE READING | WATER LEVEL | REMARKS |
|---|---|---|---|---|---|
| 01-05-94 | | | | | |
| RECOVERY | | | | | |
| 08:30 AM | | | 278 | 412 | |
| 08:45 | | | 280 | 410 | |
| 09:00 | | | 282 | 408 | |
| 09:15 | | | 284 | 406 | |
| 09:30 | | | 286 | 404 | |
| 09:45 | | | 288 | 402 | |
| 10:00 | | | 290 | 400 | |
| 10:15 | | | 291 | 399 | |
| 10:30 | | | 291 | 399 | |
| 10:45 | | | 292 | 398 | |
| 11:00 | | | 293 | 397 | |

J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227

# POPE TESTING LABORATORIES, INC.

CONSULTING ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

FOODS, FEEDS, DAIRY PROD.
WATER, MISCL. ANALYSES
COTTON SEED PRODUCTS
PACKING HOUSE PRODUCTS
FERTILIZERS

P. O. BOX 903
DALLAS, TEXAS
75221
(214) 742-8491

OFFICIAL CHEMISTS
WEIGHERS AND INSPECTORS
NATL. COTTONSEED PRODUCTS ASS'N.
REFEREE CHEMISTS
AMERICAN OIL CHEMISTS SOCIETY


**TO** J L Myers Company
Dallas, TX

**Date Rec'd** 2-3-94

**Report of Tests on** Water

**Received from**

**Identification Marks** Anderson Consulting Well No 1 1-5-94

Turbidity ---------- 0.95 NTU

* * * *

**LAB NO.** 59430

**POPE TESTING LABORATORIES, INC.**

**By** Leon Hunter

F-50—40M

# POPE *Testing* LABORATORIES, Inc.

CONSULTING ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

P. O. BOX 903
**DALLAS, TEXAS 75221**
(214) 742-8491

FOODS, FEEDS, DAIRY PRODS.
WATER, MISCL. ANALYSES
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FERTILIZERS

OFFICIAL CHEMISTS
WEIGHERS AND INSPECTORS
NATL. COTTONSEED PRODUCTS ASS'N.
REFEREE CHEMISTS
AMERICAN OIL CHEMISTS SOCIETY

**Date Rec'd** 1-5-94

**To:** J.L. Myers Company
Dallas, TX

**Report of Tests on Water**

**Identification Marks:** Andersen Consulting
Well #1 Sampled 1-5-94 after pumping 100 gpm for 24 hrs.
1321-93 Water Level 556 7 AM

***Values reported are for minerals in solution***

| | *Parts Per Million* |
|---|---|
| Calcium | 2.4 |
| Magnesium | 0.4 |
| Iron | 0.06 |
| Manganese | 0.0 |
| Sodium | 309.7 |
| Carbonate | 28.8 |
| Bicarbonate | 478.2 |
| Sulphate | 190.1 |
| Chloride | 30.7 |
| Fluoride | 1.5 |
| Nitrate | 0.0 |
| Phenolphthalein Alkalinity as $CaCO_3$ | 24.0 |
| Total Alkalinity as $CaCO_3$ | 440.0 |
| Total Hardness as $CaCO_3$ | 7.8 |
| Dissolved Residue (TS) Calculated | 1041.9 |
| Specific Conductance Micromhos/cm | 1260 |
| pH | 8.5 |
| Total Iron | 0.12 |

**POPE TESTING LABORATORIES, Inc.**

**By** Leon Hunter

**Lab. No.** 58001

F-158-1M

## Map ID 4: HIST

| | | |
|---|---|---|
| **Map ID: 4** | | **Source: TCEQ** |
| **Grid Number: 33-09-6** | **HIST - Historical Waterwell** | **Banks ID: 4811300288** |
| **Well Address: TX** | | **Rel. Loc.: 1.45mi NW** |
| **Completion Date: 1988-05-01** | | **Drill Depth: 100.0** |
| **Owner: D.J. Barbaria** | | **Elevation: 456.04 ft (+47.11 ft)** |

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER D. J. Barbaria (Name) Address 435 Shady Ln (Street or RFD) Southlake (City) Tx (State) (Zip)

2) LOCATION OF WELL:
County Dallas miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) **TYPE OF WORK** (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE** (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) **DRILLING METHOD** (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 5 1988 Completed _____ 19__

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 6 3/4 | Surface | 100 |
| | | |
| | | |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | Topsoil |
| 2 | 12 | Clay |
| 12 | 100 | Shell |

Waiting to go to a deeper Strata

RECEIVED
AUG 15 1988
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) **BOREHOLE COMPLETION:**
☒ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

9) **CEMENTING DATA** [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) **WATER LEVEL:**
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth

13) **TYPE PUMP:**
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 0 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Romin Drilling (Type or Print) Water Well Driller's License No. 2154

ADDRESS Box 7 (Street or RFD) Rhome (City) TX (State) 76078 (Zip)

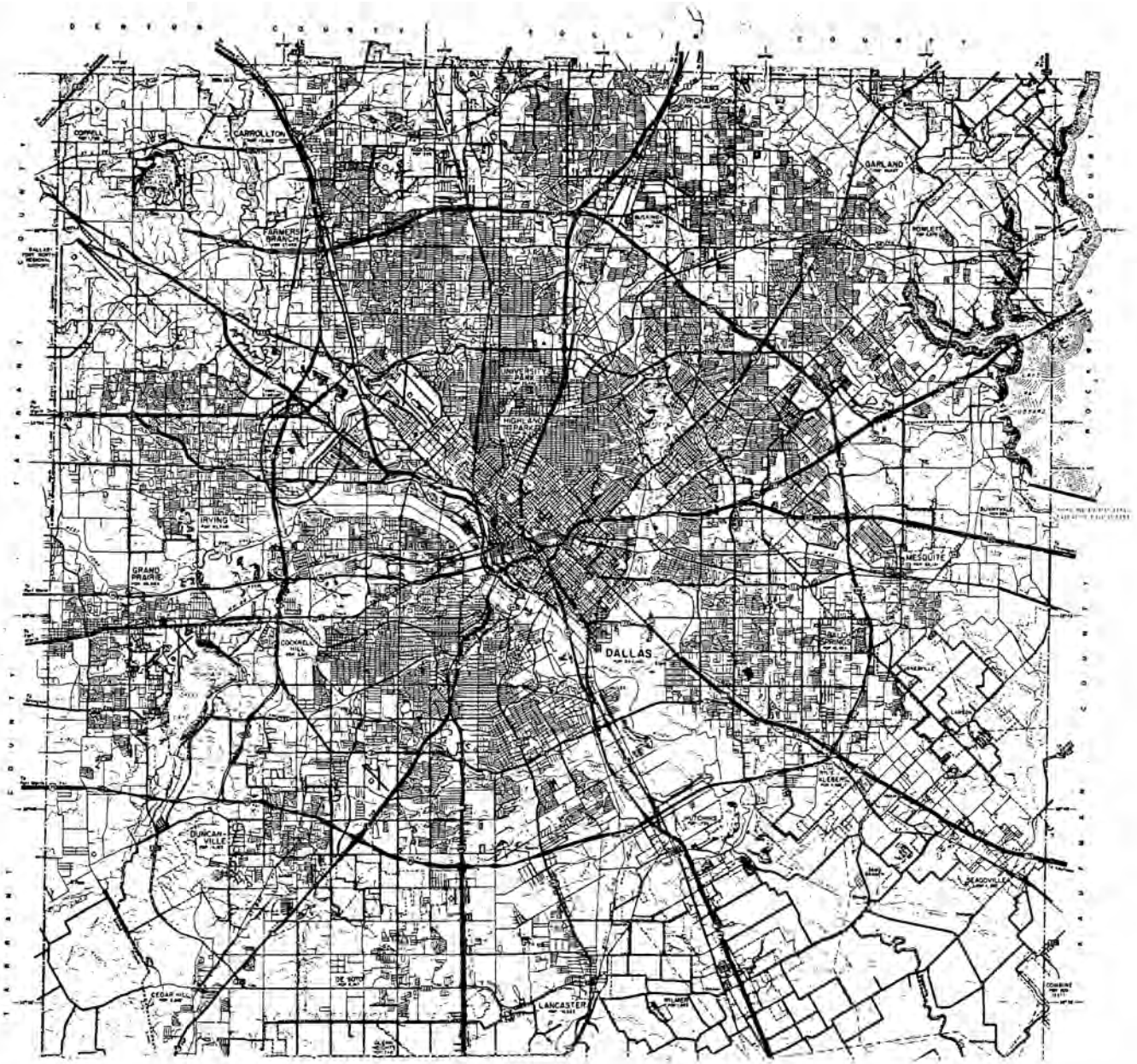
(Signed) Mark Romin (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 33-09-6
Located on map _____

WWD-012 (Rev.01-28-87)

TEXAS WATER COMMISSION COPY




LEGEND





GENERAL HIGHWAY MAP

# DALLAS COUNTY
# TEXAS

PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE 0 1 2 MILES

1975

## Map ID 9: HIST - 415 Wildwood Road

| | | |
|---|---|---|
| **Map ID: 9** | | **Source: TCEQ** |
| **Grid Number: 33-09-6** | **HIST - Historical Waterwell** | **Banks ID: 4811301900** |
| **Well Address: 415 Wildwood Road, Irving, TX 75060** | | **Rel. Loc.: 1.62mi W** |
| **Completion Date: 2002-08-08** | | **Drill Depth: 366.0** |
| **Owner: Michael Miesch** | | **Elevation: 462.60 ft (+53.67 ft)** |

57

**Attention Owner:** Confidentiality Privilege Notice on reverse side of owner's copy.

# Texas Department of License and Regulation

*Water Well Driller/Pump Installer Program*
*P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616*
*Toll free (800)803-9202*
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

## WELL REPORT

### A. WELL IDENTIFICATION AND LOCATION

**1) OWNER**

| Name | Address | City | State | Zip |
|---|---|---|---|---|
| MICHAEL MIESCH | 415 WILDWOOD RD | IRVING | TX | 75060 |

**2) WELL LOCATION**

| County | Physical Address | City | State | Zip |
|---|---|---|---|---|
| DALLAS | SAME AS ABOVE | | | |

**3) Type of Work**
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

**Lat.** **Long.** **Grid #** 33 09 06

**4) Proposed Use** (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

**5)** N↑

**6) Drilling Date**
Started 07 / 30 / 02
Completed 08 / 08 / 02

**Diameter of Hole**

| Dia.(in) | From (ft) | To (ft) |
|---|---|---|
| 7 7/8 | 0 | 365 |
| | | |
| | | |

**7) Drilling Method** (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

| From (ft) | To (ft) | Description and color of formation material |
|---|---|---|
| 0 | 45 | SANDY LOAM |
| 45 | 260 | SHALE |
| 260 | 320 | BROKEN SAND |
| 320 | 365 | SAND |
| 365 | 366 | SHALE |

(Use reverse side of Well Owner's copy, If necessary)

**8) Borehole Completion** ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☒ Gravel Packed ☐ Other
If Gravel Packed give the interval from 300 ft. to 365 ft.

**Casing, Blank Pipe, and Well Screen Data**

| Dia. (in.) | New Or Used | Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial | Setting (ft) From | Setting (ft) To | Gage Casing | Gage Screen |
|---|---|---|---|---|---|---|
| 4 | N | PVC CASING | 0 | 326 | #40 | |
| 4 | N | PVC SCREEN | 326 | 365 | | .020 |
| | | | | | | |
| | | | | | | |

**9) Cementing Data**
Cementing from 0 ft. to 20 ft. # of sacks used 7
280 ft. to 300 ft. # of sacks used 6
Method Used
Cementing By PRESSURE DRILLER
Distance to septic system field or other concentrated contamination N/A ft.
Method of verification of above distance N/A

**10) Surface Completion**
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED
TDLR MAIL ROOM
SEP 05 2002
RECEIPT # AMOUNT

**11) Water Level**
Static level 180 ft. below Date 08 / 09 / 02
Artesian Flow gpm. Date / /

**12) Packers**

| Type | Depth |
|---|---|
| | |
| | |
| | |

**13) Plugged** ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

| From (ft) | To (ft) | From (ft) | To (ft) | Sacks used |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

**14) Type Pump**
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 260 ft.

**15) Water Test**
Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 20 gpm with 50 ft. drawdown after 72 hrs.

**16) Water Quality**
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

| Company or individual's Name (type or print) | SEA LITE DRILLING CO | Lic. No. | 1820 |
|---|---|---|---|
| Address 10634 CR#58 | City CELINA | State TX | Zip 75009 |

Signature RE Nels — Licensed Driller/Pump Installer — Date 08 / 30 / 02
Signature — Apprentice — Date / /

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

## Map ID 10: HIST - 1936 Edgewood

| | | |
|---|---|---|
| **Map ID: 10** | | **Source: TCEQ** |
| **Grid Number: 33-09-5X** | **HIST - Historical Waterwell** | **Banks ID: 4811300278** |
| **Well Address: 1936 Edgewood, Irving, TX 75060** | | **Rel. Loc.: 1.67mi W** |
| **Completion Date: 1981-04-07** | | **Drill Depth: 50.0** |
| **Owner: Delbert Edwards** | | **Elevation: 452.76 ft (+43.83 ft)** |

(1) DUP

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 33-09-5X
Located on map
Received:

1) OWNER Delbert Edwards (Name) Address 1936 Edgewood (Street or RFD) Irving, Tx (City) 75060 (State) (Zip)

2) LOCATION OF WELL: County Dallas, 2 miles in E (N.E., S.W., etc.) direction from Dallas (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 4-7-81

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8 3/4 | Surface | 50 |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 10 ft. to 50 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 15 | Sand & Clay |
| 15 | 25 | Clay |
| 25 | 40 | Clay & Shale |
| 40 | 45 | Shale & Gravel |
| 45 | 50 | Shale |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 6 | N | Plastic | 0 | 30 | sc40 |
| 6 | N | Slotted | 30 | 50 | 1/16 |

CEMENTING DATA
Cemented from 0 ft. to 10 ft.
Method used Gravity
Cemented by C. K. Curtiss (Company or Individual)

RECEIVED
JUL 21 1982
CR/TDWR

9) WATER LEVEL:
Static level 29 ft. below land surface Date 4-7-81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) C K Curtiss (Water Well Driller) Kentry Waterwells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

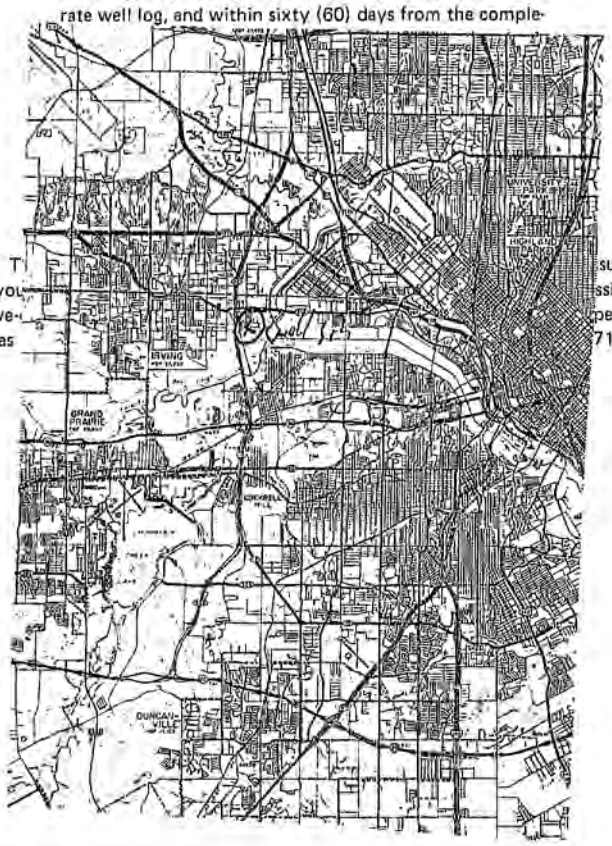
VR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4811300278

## IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the comple-



T sure that
logs of yo ssion" in
the above- perly means
the Texas 711).

RECEIVED
JUN 17 1982
CR/TDWR

33-09-5X

## Map ID 11: HIST - 1936 Edgewood

| | | |
|---|---|---|
| **Map ID: 11** | | **Source: TCEQ** |
| **Grid Number: 33-09-5Z** | **HIST - Historical Waterwell** | **Banks ID: 4811300281** |
| **Well Address: 1936 Edgewood, Irving, TX 75060** | | **Rel. Loc.: 1.67mi W** |
| **Completion Date: 1981-03-30** | | **Drill Depth: 40.0** |
| **Owner: Delbert Edwards** | | **Elevation: 456.04 ft (+47.11 ft)** |

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 33-09-52
Located on map
Received:

1) OWNER Delbert Edwards (Name) Address 1936 Edgewood (Street or RFD) Irving, Tx. (City) 75060 (State) (Zip)

2) LOCATION OF WELL: County Dallas 2 miles in E (N.E., S.W., etc.) direction from Irving (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 3-30-81

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8 3/4 | Surface | 40 |
| | | |
| | | |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 6 ft. to 40 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 6 | Top Soil |
| 6 | 38 | Sand |
| 38 | 40 | Shale |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | To | Gage Casing Screen |
|---|---|---|---|---|---|
| 6 | N | Plastic | 0 | 20 | sc40 |
| 6 | N | Slotted | 20 | 40 | 1/16 |

RECEIVED
JUL 21 1982
CR/TDWR

CEMENTING DATA
Cemented from 0 ft. to 6 ft.
Method used Gravity
Cemented by C. K. Curtiss (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) _____ (Water Well Driller) Kentry Well Drilling (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0302 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4811300281

IMPORTANT NOTICE FOR PERSONS
HAVING WELLS DRILLED CONCERNING
PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential mat-

log
th
th




33-09-52

RECEIVED
JUN 17 1982

## Map ID 13: HIST - 7310 Parwelk Street

| | | |
|---|---|---|
| **Map ID: 13** | | **Source: TCEQ** |
| **Grid Number: 33-10-4A** | **HIST - Historical Waterwell** | **Banks ID: 4811300325** |
| **Well Address: 7310 Parwelk Street, Dallas, TX** | | **Rel. Loc.: 1.77mi NE** |
| **Completion Date: 1966-04-04** | | **Drill Depth: 45.0** |
| **Owner: Marvin McAdams** | | **Elevation: 449.48 ft (+40.55 ft)** |

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-10-4A
Located on map V-25
By RL Date 6-6
Map no. 5-7-199

1) Well Owner: Marvin McAdams (Name) 2829 Seaton (Street or RFD) Dallas, (City) Texas (State)

2) Land Owner: Marvin McAdams (Name) 2829 Seaton (Street or RFD) Dallas, (City) Texas (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other Home water supply

4) Location of well: County Dallas Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section _____ Block No. _____ Survey _____

_____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Ward 1

Well supplies a rent house at 7310 Parwelk Street in the northwest part of the City of Dallas

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 6¼ in. Date drilled 4-4-66

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 0 | 10 | Red Sandy clay | | | |
| 10 | 20 | Sand | | | |
| 20 | 31 | Clay | | | |
| 31 | 35 | Sand | | | |
| 35 | 38 | Clay | | | |
| 38 | 40 | Gravel | | | |
| 40 | 44 | Clay | | | |
| 44 | 45 | Shale | | | |

(Use continuation sheets if necessary)

## COMPLETION DATA

### COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☒ with pea gravel on outside of casing
Open hole ☐
Other _____

### CASING

Type: Old ☐ New ☒
Cemented from _____ ft.
to _____ ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 4½ o.d. | 0 | 45 |
| | | |
| | | |
| | | |

### SCREEN

Type _____
Perforated ☒ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 4½ o.d. | 33½ | 35 |
| 4½ o.d. | 39 | 40 |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

[signature] PIERCE PUMP COMPANY (Company Name) Reg. No. 401

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level 27 ft. below ground line

Pumping level

| feet | hours | gpm |
|---|---|---|
| 30 | 1 | 8 |
| | | |
| | | |

Pump type Deep well jet
Designed pumping rate 480 gpm ☐ gph ☒
Type power unit Electric motor
Horsepower 1/2
Depth to bowls, cylinder, jet, etc., 38 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

## Map ID 14: HIST

| | | |
|---|---|---|
| **Map ID: 14** | | **Source: TCEQ** |
| **Grid Number: 33-09-6** | **HIST - Historical Waterwell** | **Banks ID: 4811301936** |
| **Well Address: TX** | | **Rel. Loc.: 1.84mi W** |
| **Completion Date: 2000-05-01** | | **Drill Depth: 2300.0** |
| **Owner: Frito Lay, Inc.** | | **Elevation: 475.72 ft (+66.80 ft)** |

Send original copy by certified return receipt requested to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-30[illegible] 57

**ATTENTION OWNER:** *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

# State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Frito Lay, Inc. (Name) **ADDRESS** 701 N. Wildwood Irving, TX 75061 (Street or RFD) (City) (State) (Zip)

2) **ADDRESS OF WELL:** County Dallas 701 N. Wildwood Irving, TX 75061 (Street, RFD or other) (City) (State) (Zip) **GRID #** 33-09-6

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☒ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) **WELL LOG:**
**Date Drilling:** Started Dec. 19 99 Completed May 19 00

**DIAMETER OF HOLE**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 20 | Surface | 2130 |
| 24 | 2130 | 2300 |

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

N

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | See attached |

*(Use reverse side of Well Owner's copy, if necessary)*

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☒ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 2130 ft. to 2300 ft.

**CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casting Screen |
|---|---|---|---|---|---|
| 22 | N | Steel | 0 | 56 | |
| 16 | N | Steel | +2 | 2132 | 62lb |
| 10 | N | Steel | 1992 | 2142 | 40.51b |
| 10 | N | Screen | 2142 | 2300 | |

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 2130 ft. No. of sacks used 1000
ft. to ft. No. of sacks used
Method used Pump down
Cemented by Jet Star
Distance to septic system field lines or other concentrated contamination ft.
Method of verification of above distance

13) **TYPE PUMP:** ☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 1200 ft.

10) **SURFACE COMPLETION**
☒ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) **WELL TESTS:**
Type test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 830 gpm with 110 ft. drawdown after 18 hrs.

11) **WATER LEVEL:**
Static level 790 ft. below land surface Date 3-21-00
Artesian flow gpm. Date

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☐ No

12) **PACKERS:** Type Depth
n/a

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

**COMPANY NAME** J. L. Myers Company (Type or print) **WELL DRILLER'S LICENSE NO.** 1752WPKT

**ADDRESS** 8325 Forney Road (Street or RFD) Dallas (City) TX (State) 75227 (Zip)

**(Signed)** K. D. Watson (Licensed Well Driller)

**(Signed)** (Registered Driller Trainee)

CMP # MAY 15 [illegible] Recd

**Please attach electric log, chemical analysis, and other pertinent information, if available.**

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER 33-09-6

RECORD OF DEEP WELL AND PUMP

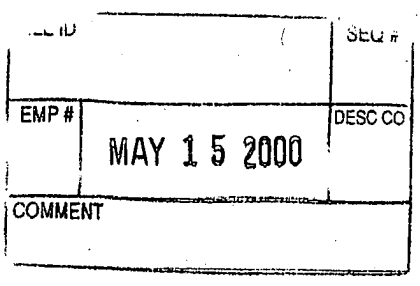
FRITO LAY, INC.
IRVING PLANT – WELL NO. 1

DRILLED BY : J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227

214 388-7407

MRV TECHNOLOGIES, INC.
104 W. MORROW, SUITE 200
GEORGETOWN, TX 78626

512 948-0055




33-09-6

# DRILLER'S LOG

OWNER : FRITO LAY, INC. – WELL NO. 1
701 N. WILDWOOD
IRVING, TX

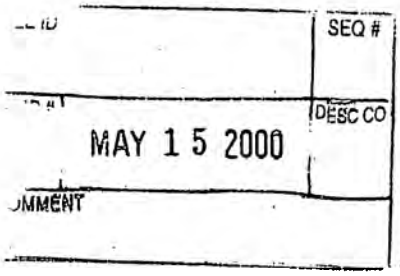
LOCATION : WEST SIDE OF PLANT AND SOUTH OF UNION BOWER
IRVING, DALLAS COUNTY, TEXAS

DATE : DECEMBER 1999

DRILLER : C. A. WILLIAMS

| DEPTH OF STRATA From | To | EACH STRATUM Feet | DESCRIPTION |
|---|---|---|---|
| 0 | 131 | 131 | Sand, gravel and sdy shale |
| 131 | 220 | 89 | Shale |
| 220 | 240 | 20 | Gravel |
| 240 | 280 | 40 | Lime & shale |
| 280 | 295 | 15 | Sand |
| 295 | 825 | 530 | Shale |
| 825 | 890 | 65 | Shale and hard sand |
| 890 | 955 | 65 | Shale and sand |
| 955 | 1040 | 85 | Shale |
| 1040 | 1110 | 70 | Limestone, shale streaks |
| 1110 | 1220 | 110 | Sand, shale streaks |
| 1220 | 1250 | 30 | Shale |
| 1250 | 1345 | 95 | Sand, sandy shale |
| 1345 | 1460 | 115 | Shale, lime streaks |
| 1460 | 1810 | 350 | Shale, limestone and sand streaks |
| 1810 | 1970 | 160 | Shale, sdy |
| 1970 | 2030 | 60 | Sandy shale |
| 2030 | 2090 | 60 | Shale |
| 2090 | 2290 | 200 | Sand |
| 2290 | 2300 | 10 | Shale, hard |

J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227



# MATERIAL SETTING

OWNER : FRITO-LAY, INC. – WELL NO. 1
701 N. WILDWOOD
IRVING, TX

LOCATION : WEST SIDE OF PLANT AND SOUTH OF UNION BOWER
IRVING, DALLAS COUNTY, TX

DATE : DECEMBER 2000

| FROM | TO | AMOUNT | DESCRIPTION |
|---|---|---|---|
| 0 | 25 | 25 | 24" surface pipe cemented in place |
| 0 | 56 | 56 | 22" surface casing cemented in place |
| +2 | 2130 | 2132 | 16"OD 62#/ft .375" PEB casing with float collar and centralizers in a 20" hole. Cemented by Jet Star with 1000 sacks Class plus 8% gel |
| 1992 | 2142 | 150 | 10-3/4"OD 40.5#/ft T&C blank liner with R& L |
| 2142 | 2152 | 10 | 10-3/4"SS wire wrapped Underbar plus WESCO screen .020" opening |
| 2152 | 2160 | 8 | 10-3/4" blank |
| 2160 | 2172 | 12 | 10-3/4" screen |
| 2172 | 2180 | 8 | 10-3/4" blank with centralizer |
| 2180 | 2290 | 110 | 10-3/4" screen |
| 2290 | 2300 | 10 | 10-3/4" blank |
| 2132 | 2300 | 168 | 24" underreamed hoe packed with Brady 8x16 gravel. |

J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227

EMP #

DESC CO

MAY 15 2000

COMMENT

33-09-6

Cementer: Fill in shaded areas.
Operator: Fill in other items.

**Form W-15**
Cementing Report
Rev. 4/1/83
483-045

# RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

| 1. Operator's Name (As shown on Form P-5, Organization Report) | 2. RRC Operator No. | 3. RRC District No. | 4. County of Well Site |
|---|---|---|---|
| J. L. Myers Company | | | Dallas |
| 5. Field Name (Wildcat or exactly as shown on RRC records) | | 6. API No. 42- | 7. Drilling Permit No. |
| 8. Lease Name: Frito-Lay | 9. Rule 37 Case No. | 10. Oil Lease/Gas ID No. | 11. Well No. 1380-99 |

| CASING CEMENTING DATA: | | SURFACE CASING | INTER-MEDIATE CASING | PRODUCTION CASING | | MULTI-STAGE CEMENTING PROCESS | |
|---|---|---|---|---|---|---|---|
| | | | | Single String | Multiple Parallel Strings | Tool | Shoe |
| 12. Cementing Date | | | | 2/23/00 | | | |
| 13. •Drilled hole size | | | | 20 | | | |
| •Est. % wash or hole enlargement | | | | 10% | | | |
| 14. Size of casing (in. O.D.) | | | | 16" | | | |
| 15. Top of liner (ft.) | | | | | | | |
| 16. Setting depth (ft.) | | | | 2130 | | | |
| 17. Number of centralizers used | | | | 20 | | | |
| 18. Hrs. waiting on cement before drill-out | | | | 72 | | | |
| 1st Slurry | 19. API cement used: No. of sacks ▶ | | | 1000 | | | |
| | Class ▶ | | | H | | | |
| | Additives ▶ | | | 8% Gel1 | | | |
| 2nd Slurry | No. of sacks ▶ | | | | | | |
| | Class ▶ | | | | | | |
| | Additives ▶ | | | | | | |
| 3rd Slurry | No. of sacks ▶ | | | | | | |
| | Class ▶ | | | | | | |
| | Additives ▶ | | | | | | |
| 1st | 20. Slurry pumped: Volume (cu. ft.) ▶ | | | 1890 | | | |
| | Height (ft.) ▶ | | | 2130 | | | |
| 2nd | Volume (cu. ft.) ▶ | | | | | | |
| | Height (ft.) ▶ | | | | | | |
| 3rd | Volume (cu. ft.) ▶ | | | | | | |
| | Height (ft.) ▶ | | | | | | |
| Total | Volume (cu. ft.) ▶ | | | 1890 | | | |
| | Height (ft.) ▶ | | | 2130 | | | |
| 21. Was cement circulated to ground surface (or bottom of cellar) outside casing? | | | | Yes | | | |

22. Remarks

CE ID | SEQ #
EMP # | DESC CO
MAY 15 2000
COMMENT

OVER ▶

| CEMENTING TO PLUG AND ABANDON | PLUG # 1 | PLUG # 2 | PLUG # 3 | PLUG # 4 | PLUG # 5 | PLUG # 6 | PLUG # 7 | PLUG # 8 |
|---|---|---|---|---|---|---|---|---|
| 23. Cementing date | | | | | | | | |
| 24. Size of hole or pipe plugged (in.) | | | | | | | | |
| 25. Depth to bottom of tubing or drill pipe (ft.) | | | | | | | | |
| 26. Sacks of cement used (each plug) | | | | | | | | |
| 27. Slurry volume pumped (cu. ft.) | | | | | | | | |
| 28. Calculated top of plug (ft.) | | | | | | | | |
| 29. Measured top of plug, if tagged (ft.) | | | | | | | | |
| 30. Slurry wt. (lbs/gal) | | | | | | | | |
| 31. Type cement | | | | | | | | |

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Tim Sicking, Cementer — Name and title of cementer's representative

Jet Star — Cementing Company

Signature

1619 E. Hwy. 82, Gaiesville, TX 76240 — Address, City, State, Zip Code

(940) 665-1316 — Tel.: Area Code Number

2/23/00 — Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Typed or printed name of operator's representative

Title

Signature

Address, City, State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

## Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For **offshore** operations, see the requirements of Rule 13 (c).

A. **What to file.** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- Form **W-4**, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form **W-3**, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting **dry** holes, operators must complete Form **W-15, in addition to Form W-3, to show any casing cemented in the hole.**

B. **Where to file.** The appropriate Commission District Office for the county in which the well is located.

C. **Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. **Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. **Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. **Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. **Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

RECEIVED MAY 15 2000 COMMENT

# PUMPING TEST

OWNER : FRITO-LAY, INC. – WELL NO. 1
701 N. WILDWOOD
IRVING, TX

LOCATION: WEST SIDE OF PLANT SOUTH OF UNION BOWER
IRVING, DALLAS COUNTY, TEXAS

DATE : MARCH 2000 – 6"x5" ORIFICE-PUMP SET 1121'

| DATE & TIME | ORIFICE | GPM | AIRLINE READING | WATER LEVEL | REMARKS |
|---|---|---|---|---|---|
| 03-20-00 | | | | | |
| 06:00 AM | | | 305 | 795 | Start test |
| 06:30 | 51 | 880 | 205 | 895 | Cloudy |
| 07:00 | 50.5 | 876 | 200 | 900 | |
| 07:30 | 50.5 | 876 | 200 | 900 | Partly cloudy |
| 08:00 | 50.5 | 876 | 200 | 900 | |
| 09:00 | 51 | 880 | 195 | 905 | |
| 09:30 | 51 | 880 | 187 | 913 | |
| 10:00 | 50.5 | 876 | 192 | 908 | |
| 10:30 | 50.5 | 876 | 192 | 908 | |
| 11:00 | 50 | 872 | 191 | 909 | Lightly cloudy |
| 11:30 | 50 | 872 | 191 | 909 | |
| 12:00 PM | 50 | 872 | 190 | 910 | |
| 12:30 | 49 | 868 | 190 | 910 | |
| 01:00 | 49.5 | 868 | 190 | 910 | |
| 01:30 | 49 | 863 | 190 | 910 | |
| 02:00 | 48.5 | 859 | 190 | 910 | |
| 02:30 | 48 | 855 | 190 | 910 | |
| 03:00 | 48 | 855 | 190 | 910 | |
| 03:30 | 48 | 855 | 190 | 910 | |
| 04:00 | 47.5 | 851 | 190 | 910 | |
| 04:30 | 47.5 | 851 | 190 | 910 | |
| 05:00 | 47.5 | 851 | 190 | 910 | |
| 05:30 | 47.5 | 851 | 190 | 910 | |
| 06:00 | 47.5 | 851 | 190 | 910 | |
| 06:30 | 47 | 847 | 190 | 910 | |
| 07:00 | 47.5 | 851 | 190 | 910 | Clear |
| 07:30 | 45 | 828 | 195 | 905 | |
| 08:00 | 45.5 | 832 | 194 | 906 | |
| 08:30 | 45.5 | 832 | 194 | 906 | |
| 09:00 | 45.5 | 832 | 195 | 905 | |

DESC CO
MAY 15 2000
COMMENT

33-09-6

FRITO-LAY, INC. – WELL NO. 1 PAGE 2
PUMPING TEST CONTINUED

| DATE & TIME | ORIFICE | GPM | AIRLINE READING | WATER LEVEL | REMARKS |
|---|---|---|---|---|---|
| 03-20-00 | | | | | |
| 09:30 PM | 45.5 | 832 | 195 | 905 | Clear |
| *10:00* | *45* | *828* | *194* | *906* | |
| 10:30 | 44.5 | 824 | 195 | 905 | |
| 11:00 | 44.5 | 824 | 195 | 905 | |
| 11:30 | 41.5 | 795 | 198 | 902 | |
| 03-21-00 | | | | | |
| 12:00 AM | 42 | 800 | 198 | 902 | |
| 12:30 | 42 | 800 | 198 | 902 | |
| 01:00 | 41 | 790 | 200 | 900 | |
| 01:30 | 40.5 | 786 | 200 | 900 | |
| 02:00 | 41 | 790 | 200 | 900 | |
| 02:30 | 41 | 790 | 200 | 900 | |
| 03:00 | 38 | 759 | 200 | 900 | |
| 03:30 | 39 | 770 | 200 | 900 | |
| 04:00 | 38 | 759 | 200 | 900 | |
| 04:30 | 38 | 759 | 200 | 900 | |
| 05:00 | 38 | 759 | 200 | 900 | |
| 05:30 | 37.5 | 754 | 200 | 900 | |
| 06:00 | 37 | 748 | 200 | 900 | |
| 06:30 | 36.5 | 743 | 200 | 900 | |
| 07:00 | 34.5 | 720 | 205 | 895 | |
| 07:30 | 34.5 | 720 | 205 | 895 | |
| 08:00 | 34.5 | 720 | 205 | 895 | |
| 08:30 | 34.5 | 720 | 205 | 895 | |
| 09:00 | 33.5 | 709 | 205 | 895 | |
| 09:30 | 33.5 | 709 | 205 | 895 | |
| 10:00 | 32.5 | 697 | 205 | 895 | |
| 10:30 | 28 | 644 | 210 | 890 | |
| 11:00 | 26.5 | 626 | 210 | 890 | |
| 11:30 | 26.5 | 626 | 210 | 890 | |
| 12:00 PM | 26.5 | 625 | 220 | 880 | |
| 12:30 | 26.5 | 625 | 220 | 880 | |
| 01:00 | 24.5 | 614 | 220 | 880 | |
| 01:30 | 24.5 | 614 | 220 | 880 | |
| 02:00 | 23.5 | 590 | 220 | 880 | |
| 02:30 | 24 | 596 | 220 | 880 | |
| 03:00 | 23.5 | 590 | 220 | 880 | |
| 03:30 | 24 | 596 | 220 | 880 | |
| 04:00 | 24 | 596 | 220 | 880 | |
| 04:30 | 24 | 596 | 220 | 880 | |

REC ID SEQ #
EMP # DESC CO
MAY 15 2000
COMMENT

33-09-6

| DATE & TIME | ORIFICE | GPM | AIRLINE READING | WATER LEVEL | REMARKS |
|---|---|---|---|---|---|
| 03-21-00 | | | | | |
| 05:00 PM | 24.5 | 614 | 220 | 880 | Clear |
| 05:30 | 24 | 596 | 220 | 880 | |
| 06:00 | 24 | 596 | 220 | 880 | Stop test |
| RECOVERY | | | | | |
| 06:05 | | | 260 | 840 | |
| 06:10 | | | 270 | 830 | |
| 06:15 | | | 280 | 820 | |
| 06:20 | | | 290 | 810 | |
| 06:25 | | | 300 | 800 | |
| 06:30 | | | 300 | 800 | |
| 06:40 | | | 300 | 800 | |
| 06:50 | | | 300 | 800 | |
| 07:00 | | | 305 | 795 | |
| 07:15 | | | 305 | 795 | |
| 07:30 | | | 305 | 795 | |
| 07:45 | | | 305 | 795 | |
| 08:00 | | | 305 | 795 | |
| 08:30 | | | 305 | 795 | |
| 09:00 | | | 305 | 795 | |
| 09:30 | | | 310 | 790 | |
| 10:00 | | | 310 | 790 | End of test |

J. L. MYERS COMPANY
8325 FORNEY ROAD
DALLAS, TX 75227

WELL ID SEQ #
TYP # DESC CO
MAY 15 2000
COMMENT
33-09-6

# POPE TESTING LABORATORIES, INC.

CONSULTING ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

FOODS, FEEDS, DAIRY PROD.
WATER, MISCL. ANALYSES
COTTON SEED PRODUCTS
PACKING HOUSE PRODUCTS
FERTILIZERS

P. O. BOX 903
DALLAS, TEXAS
75221
(214) 742-8491

OFFICIAL CHEMISTS
WEIGHERS AND INSPECTORS
NATL. COTTONSEED PRODUCTS ASS'N.
REFEREE CHEMISTS
AMERICAN OIL CHEMISTS SOCIETY

**TO** J L Myers Company
Dallas, TX

**Date Rec'd** 5-3-00

**Report of Tests on** Water

**Received from**

**Identification Marks** Frito-Lay #1 Sampled 5-3-00

Coliform ---------- Negative

* * * *

**LAB NO.** 52761

**POPE TESTING LABORATORIES, INC.**

**By** Leon Houston

P-30—40M

| | |
|---|---|
| ...LL ID | SEQ # |
| EMP # | DESC CO |
| MAY 1 5 2000 | |
| COMMENT | |

33-09-6

# POPE TESTING LABORATORIES, INC.

CONSULTING ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

FOODS, FEEDS, DAIRY PROD.
WATER, MISCL. ANALYSES
COTTON SEED PRODUCTS
PACKING HOUSE PRODUCTS
FERTILIZERS

P. O. BOX 903
DALLAS, TEXAS
75221
(214) 742-8491

OFFICIAL CHEMISTS
WEIGHERS AND INSPECTORS
NATL. COTTONSEED PRODUCTS ASS'N.
REFEREE CHEMISTS
AMERICAN OIL CHEMISTS SOCIETY

**TO** J L Myers Company
Dallas, TX

**Date Rec'd** 4-27-00

**Report of Tests on** Water

**Received from**

**Identification Marks** Frito Lay Well 2300 Depth

Coliform ---------- Negative

* * * *

**LAB NO.** 52613

**POPE TESTING LABORATORIES, INC.**

**By** Leon Hunter

F-50—40M

EMP # | DESC CO

MAY 15 2000

COMMENT

33-09-6

# POPE *Testing* LABORATORIES, Inc.

CONSULTING ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

FOODS, FEEDS, DAIRY PRODS
WATER, MISCL. ANALYSES
COTTON SEED PRODUCTS
PACKING HOUSE PRODUCTS

P. O. BOX 903
DALLAS, TEXAS 75221
AC 214 742-8491
FAX 214 748-5817

OFFICIAL CHEMISTS
WEIGHERS AND INSPECTORS
NATL. COTTONSEED PRODUCTS ASS'N.
REFEREE CHEMISTS
AMERICAN OIL CHEMISTS SOCIETY


April 13, 2000

Date Rec'd: 3-23-00

To: J L Myers Company
8325 Forney Road
Dallas, TX 75227

Report of Tests on Water

Identification Marks: Frito-Lay Company,Irivng Plant Well #1 sampled 3-22-00 after pumping 36 hours

Values reported are for minerals in solution

| | mg/L |
|---|---|
| Calcium | 6.4 |
| Magnesium | 2.2 |
| Iron | 0.22 |
| Manganese | 0.02 |
| Sodium | 448.3 |
| Carbonate | 19.2 |
| Bicarbonate | 463.6 |
| Sulphate | 455.9 |
| Chloride | 80.6 |
| Fluoride | 2.0 |
| Nitrate | 0.0 |
| Phenolphthalein Alkalinity as CaCO3 | 16.0 |
| Total Alkalinity as CaCO3 | 412.0 |
| Total Hardness as CaCO3 | 25.2 |
| Total Dissolved Solids | 1478.4 |
| Total Iron | 0.80 |
| Arsenic | < 0.005 |
| Barium | 0.02 |
| Beryllium | < 0.004 |
| Chromium | < 0.005 |
| Nickel | < 0.02 |
| Selenium | < 0.04 |
| Aluminum | 0.027 |
| Copper | < 0.005 |
| Silver | < 0.005 |
| Zinc | 0.01 |
| NItrate (N) | < 0.005 |

Continued


EMP # DESC CO
MAY 1 5 2000
COMMENT


33-09-6

Specific Conductance Micromhos/cm .... 2000
pH ..... 8.4

* * * *

Respectfully submitted,

POPE TESTING LABORATORIES, INC.

Leon Hunter

Lab No. 41842

EMP # DESC CO
MAY 1 5 2000
COMMENT

33-09-6

## Map ID 15: HIST - 2400 Comano Drive

| | | |
|---|---|---|
| **Map ID: 15** | | **Source: TCEQ** |
| **Grid Number: 33-09-3G** | **HIST - Historical Waterwell** | **Banks ID: 4811300244** |
| **Well Address: 2400 Comano Drive, Irving, TX** | | **Rel. Loc.: 1.84mi NW** |
| **Completion Date: 1966-03-02** | | **Drill Depth: 550.0** |
| **Owner: Paul V. Perrin** | | **Elevation: 475.72 ft (+66.80 ft)** |

36

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-36
Located on map 1/65
By ale Date 7/76
Map no.

1) Well Owner: Paul V Perrin (Name) 2440 Comanche St (Street or RFD) Irving (City) Texas (State)

2) Land Owner: Same (Name) (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Domo

4) Location of well: County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section ____ Block No. ____ Survey ____

____ miles in ____ (NE, SW, etc.) direction from ____ (Town)

within city limits

North ↑

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 6 1/4 in. Date drilled 3-2-66

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material |
|---|---|---|
| 0 | 18 | Denson Clay |
| 18 | 302 | Eagle Ford Shale |
| 302 | 310 | Sand speckled salt pepper |
| 310 | 340 | stark Hd Sd & Shelly shell |
| 340 | 435 | shale & shells |
| 435 | 450 | shale with stalks of sand |
| 450 | 485 | Sand & Gravel with shell Rocks |
| 485 | 540 | shale & Sand Streaks |
| 540 | 550 | shale TD. |

(Use continuation sheets if necessary)

## COMPLETION DATA

### COMPLETION

Straight wall ☐
Under reamed ☐
Gravel packed ☑
Open hole ☐
Other ____

### CASING

Type: Old ☐ New ☑
Cemented from 0 ft.
to 503 ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 4½" | +1 | 503 |
| | | |
| | | |
| | | |

### SCREEN

Type Galv.
Perforated ☑ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| ~~495~~ | | |
| 2" | 495 - | 550' |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

A. B. Hairgrove (Signature) Hairgrove Well Service (Company Name) Reg. No. 599

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level 230 ft. below ____

Pumping level

| feet | hours | gpm |
|---|---|---|
| 250 | 30 | 8 |
| | | |
| | | |

Pump type Submerge
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit Elect.
Horsepower 1 HP
Depth to bowls, cylinder, jet, etc., 273 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

C-34 (62-4)

## Map ID 17: HIST - 1207 Darr Street

| | | |
|---|---|---|
| **Map ID: 17** | | **Source: TCEQ** |
| **Grid Number: 33-09-5N** | **HIST - Historical Waterwell** | **Banks ID: 4811300237** |
| **Well Address: 1207 Darr Street, Irving, TX** | | **Rel. Loc.: 1.99mi NW** |
| **Completion Date: 1964-06-16** | | **Drill Depth: 42.0** |
| **Owner: R.H. Lorin** | | **Elevation: 488.85 ft (+79.92 ft)** |

33095N

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-5N
Located on map Y.O.S.
By ___ Date 4-7
Map no. ___

1) Well Owner: R. H. Zorin (Name) 1207 Dart St. (Street or RFD) Irving, Tex. (City, State)

2) Land Owner: Same (Name) (Street or RFD) (City, State)

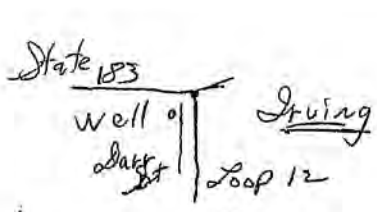
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Lawn Drinking

4) Location of well: County Dallas Labor ___ League ___ Abstract No. ___

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section ___ Block No. ___ Survey ___

___ miles in ___ (NE, SW, etc.) direction

from ___ (Town)




Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 36 in. Date drilled 6-16-6X

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 1 | 3 | Brown Sandy Topsoil | | | |
| 3 | 15 | Brown Sandy Clay | | | |
| 15 | 32 | Water Bearing Sand & Gravel | | | |
| 32 | 42 | Blue Shale | | | |

(Use continuation sheets if necessary)

## COMPLETION DATA

**COMPLETION**

Straight wall ☑
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other ___

**CASING**

Type: Old ☐ New ☑
Cemented from ___ ft.
to ___ ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 30 ID | 1 | 42 |
| | | |
| | | |
| | | |

**SCREEN**

Type ___
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

George Combs (Signature) COMBS DRILLING SERVICE (Company Name) Reg. No. ___

BY E.E.

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level ___
ft. below ___

| Pumping level feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type ___
Designed pumping rate ___ gpm ☐ gph ☐
Type power unit ___
Horsepower ___
Depth to bowls, cylinder, jet, etc., ___ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ___

C-34 (62-4)

4811300230?

## Map ID 20: HIST - 1021 Brookhollow Drive

| | | |
|---|---|---|
| **Map ID: 20** | | **Source: TCEQ** |
| **Grid Number: 33-09-6A** | **HIST - Historical Waterwell** | **Banks ID: 4811300286** |
| **Well Address: 1021 Brookhollow Drive, Irving, TX** | | **Rel. Loc.: 2.17mi W** |
| **Completion Date: 1969-06-25** | | **Drill Depth: 30.0** |
| **Owner: Audie Langley** | | **Elevation: 472.44 ft (+63.52 ft)** |

53096A

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 12386
ustin, Texas 78711

State of Texas

WATER WELL REPORT

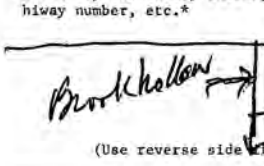
For TWDB use only
Well No. 33-69-6A
Located on map V-5
Received: 6-9
dlr

1) OWNER:
Person having well drilled Audie Langley (Name) Address 1021 Brookhollow (Street or RFD) Irving (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, 2 Centr miles in (N.E., S.W., etc.) direction from Irving, Tex (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other (yard well)

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 9 in. Depth drilled 30 ft. Depth of completed well 30' ft. Date drilled 6-25-69

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 4' | Loam |
| 4' | 16' | Yellow Clay |
| 16' | 24 | Sand yellow |
| 24 | 28 | Gravel Shale Rock |
| 28 | 30 | Blue Shale |

9) Casing:
Type: Old ✓ New Steel Plastic Other

Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | To (ft.) | Gage |
|---|---|---|---|
| 5½ | 0 | 30 | 13# |

10) SCREEN:
Type _____

Perforated Slotted

| Diameter (inches) | Setting From (ft.) | To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.B. Hoyakemeier (Type or print) Water Well Drillers Registration No. 112

ADDRESS 4445 W Highway 183 (Street or RFD) Lancing (City) Texas (State)

(Signed) _____ (Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 21: HIST - 2243 Mail Avenue

| | | |
|---|---|---|
| **Map ID: 21** | | **Source: TCEQ** |
| **Grid Number: 33-10-4B** | **HIST - Historical Waterwell** | **Banks ID: 4811300326** |
| **Well Address: 2243 Mail Avenue, Dallas, TX** | | **Rel. Loc.: 2.17mi NE** |
| **Completion Date: 1970-06-12** | | **Drill Depth: 48.0** |
| **Owner: Julia Alton Long** | | **Elevation: 449.48 ft (+40.55 ft)** |

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

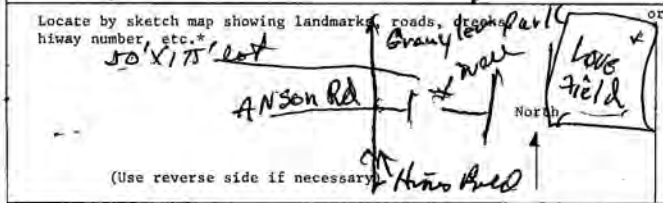
For TWDB use only
Well No. 33-10-48
Located on map 10S
Received: 7-01
DW

1) OWNER:
Person having well drilled: Julia Alton Long (Name) Address: 2243 Main St (Street or RFD) Dallas (City) Tex (State)

Landowner: SAME (Name) Address: (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Dallas, 1/2 miles in West (N.E., S.W., etc.) direction from Love Field A.T. (Town)

Locate by sketch map showing landmarks, roads, creeks, or hiway number, etc.*




(Use reverse side if necessary)

Give legal location with distances and directions from adjacent sections or survey lines.

Labor: League:
Block: Survey:
Abstract No.:
(NW¼ NE¼ SW¼ SE¼) of Section:

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial; Municipal; Irrigation; Test Well; Other Gone

5) TYPE OF WELL (Check): Rotary ✓ Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 48' ft. Depth of completed well 48' ft. Date drilled 6/17/70
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 40' | yellow clay |
| 40' | 48' | Sand & Gravel (WD) |

9) Casing:
Type: Old; New ✓; Steel; Plastic; Other
Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4 | 0 | 48' | |

10) SCREEN:
Type
Perforated; Slotted ✓

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall; Gravel packed ✓; Other
Under reamed; Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS P.O. Box 516 (Street or RFD) Irving (City) Texas (State) 75060

(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drilling Contr. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 26: HIST - 1220 N Irving Heights

| | | |
|---|---|---|
| **Map ID: 26** | | **Source: TCEQ** |
| **Grid Number: 33-09-5F** | **HIST - Historical Waterwell** | **Banks ID: 4811300262** |
| **Well Address: 1220 N Irving Heights, Irving, TX** | | **Rel. Loc.: 2.30mi NW** |
| **Completion Date: 1974-03-20** | | **Drill Depth: 27.0** |
| **Owner: J. Dickens** | | **Elevation: 482.28 ft (+73.36 ft)** |

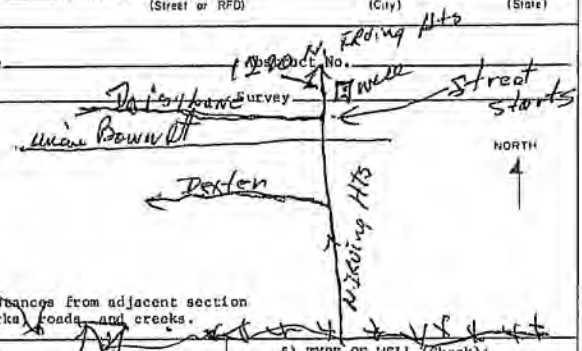
33095F GW 7

| Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711 | State of Texas<br>WATER WELL REPORT | For TWDB use only<br>Well No. 33-07-5F<br>Located on map<br>Received: 7-7<br>Form GW 8<br>Form GW 9 |
|---|---|---|

1) OWNER:
Person having well drilled Mr J. Dickens (Name) Address 1220 N IRV. Hts Dr. Irving, Texas (Street or RFD) (City) (State)

Landowner SAME (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.
NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)
5½ miles in NE (NE, SW, etc.) direction from Irving Downtown Irving




Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☐ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☐ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 7½" in. Depth drilled 27 ft. Depth of completed well 27 ft. Date drilled 3-20-78
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 16 | Sandy Loam |
| 16 | 23 | Coarse Sand |
| 23' | 25' | Gravel |
| 25' | 27' | Blue Shale (Hard Rock) |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☐ Plastic ☑ Other ☐
Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 2 | 0 | 27½ | Plastic |

10) SCREEN:
Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name ____
Type ____ H.P. ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoip Kemeier (Type or Print) Water Well Drillers Registration No. 112

Address P.O. Box 516 (Street or RFD) Irving (City) Texas (State)

(Signed) A. B. Hoipkemeier (Water Well Driller) Hoipkemeier Drlng Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300262

## Map ID 27: HIST - 1422 Ben Drive

| | | |
|---|---|---|
| **Map ID: 27** | | **Source: TCEQ** |
| **Grid Number: 33-09-5Q** | **HIST - Historical Waterwell** | **Banks ID: 4811300271** |
| **Well Address: 1422 Ben Drive, Irving, TX** | | **Rel. Loc.: 2.30mi W** |
| **Completion Date: 1969-08-02** | | **Drill Depth: 42.0** |
| **Owner: Lowry C. Loveless** | | **Elevation: 492.13 ft (+83.20 ft)** |

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

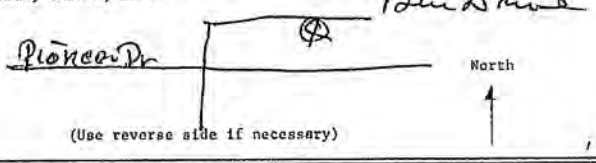
For TWDB use only
Well No. 33-07-50
Located on map 5 of 5
Received: [illegible]

1) OWNER:
Person having well drilled Lowry & Loveless (Name) Address 1420 Ben Dr, Irving, Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, City limits in Central (N.E., S.W., etc.) direction from Irving, (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other (yard)

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 42' ft. Depth of completed well 42' ft. Date drilled 5-2-69

All measurements made from _____ ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 4' | Topsoil Loam |
| 4' | 30' | Clay (yellow) |
| 30' | 36 | Sand |
| 36 | 40' | Sand (med) Gravel |
| 40' | 42' | Rock, Blue |

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic Other
Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4 1/2 | | | 9A |

10) SCREEN:
Type _____
Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hopkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS 4445 W. Hi Way 183 (Street or RFD) Irving (City) Texas (State)

(Signed) A. B. Hopkemeier (Water Well Driller) Hopkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-CW-53

4811300271

## Map ID 29: HIST - 1111 Irving Heights

| | | |
|---|---|---|
| **Map ID: 29** | | **Source: TCEQ** |
| **Grid Number: 33-09-5M** | **HIST - Historical Waterwell** | **Banks ID: 4811300268** |
| **Well Address: 1111 Irving Heights, Irving, TX** | | **Rel. Loc.: 2.31mi W** |
| **Completion Date: 1964-05-26** | | **Drill Depth: 50.0** |
| **Owner: Dr. Giles** | | **Elevation: 492.13 ft (+83.20 ft)** |

33-09-5M, 5M

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-5M
Located on map V-5
By LB Date 7-6
Map no.

1) Well Owner: Dr. Giles (Name) 1111 Irving Heights Dr. (Street or RFD) Irving (City) Tex. (State)

2) Land Owner: Same (Name) (Street or RFD) (City & State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☒ Other ~~Homestead~~ Lawn Sprinkling

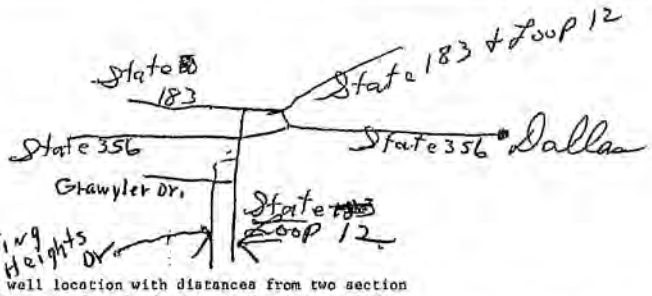
4) Location of well: County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

____ miles in ____ (NE, SW, etc) direction

from ____ (Town)

1111 Irving Heights Dr.
in City of Irving




Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 36 in. Date drilled 5-26-6X

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 1 | 5 | Brown Sandy Topsoil | | | |
| 5 | 25 | Brown Sandy Clay | | | |
| 25 | ~~35~~ | Brown Clayey Sand | | | |
| ~~35~~ | 40 | Water, Sand + Gravel | | | |
| 40 | 50 | Blue Shale | | | |
| | | | | | |
| | | | | | |
| | | | | | (Use continuation sheets if necessary) |

## COMPLETION DATA

### COMPLETION

Straight wall ☑
Under reamed ☐
Gravel packed ☑
Open hole ☐
Other ____

### CASING

Concrete

Type: Old ☐ New ☑
Cemented from ____ ft.
to ____ ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 30 ID | 1 | 50 |
| | | |
| | | |
| | | |

### SCREEN

Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

George Combs (Signature) COMBS DRILLING SERVICE (Company Name) Reg. No. ____
BYEE

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level ____
ft. below ____

Pumping level

| feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Horsepower ____
Depth to bowls, cylinder, jet, etc., ____ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

C-34 (62-4)

4811300268

## Map ID 28: HIST - 1413 E Irving Boulevard

| | | |
|---|---|---|
| **Map ID: 28** | | **Source: TCEQ** |
| **Grid Number: 33-09-5** | **HIST - Historical Waterwell** | **Banks ID: 4811301566** |
| **Well Address: 1413 E Irving Boulevard, Irving, TX 75060** | | **Rel. Loc.: 2.31mi W** |
| **Completion Date: 2000-09-28** | | **Drill Depth: 470.0** |
| **Owner: Oak Grove Memorial Gardens** | | **Elevation: 482.28 ft (+73.36 ft)** |

**Attention Owner:** Confidentiality Privilege Notice on reverse side of owner's copy.

# Texas Department of License and Regulation

*Water Well Driller/Pump Installer Program*

*P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616*

*Toll free (800)803-9202*

Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

## WELL REPORT

### 1) OWNER

| Name | Address | City | State | Zip |
|---|---|---|---|---|
| Oak Grove Memorial Gardens | 1413 E. Irving Blvd | Irving | TX | 75060 |

### 2) WELL LOCATION

| County | Physical Address | City | State | Zip |
|---|---|---|---|---|
| Dallas | 1413 E. Irving Blvd | Irving | TX | 75060 |

Lat. Long. Grid # 33-09-5

**3) Type of Work**
☒ New Well ☐ Deepening ☐ Reconditioning

**4) Proposed Use** (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

**5)** N↑

**6) Drilling Date**
Started 7 / 03 / 00
Completed 9 / 28 / 00

**Diameter of Hole**

| Dia.(in) | From (ft) | To (ft) |
|---|---|---|
| 14-3/4 | 0 | 470 |

**7) Drilling Method** (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

| From (ft) | To (ft) | Description and color of formation material |
|---|---|---|
| | | see attached |

(Use reverse side of Well Owner's copy, If necessary)

**8) Borehole Completion** ☐ Open Hole ☐ Straight Wall ☒ Under-reamed ☒ Gravel Packed ☐ Other
If Gravel Packed give the interval from 387 ft. to 456 ft.

**Casing, Blank Pipe, and Well Screen Data**

| Dia. (in.) | New Or Used | Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial | Setting (ft) From | Setting (ft) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 10 | N | Steel | +2 | 387 | |
| 7 | N | Steel | 336 | 396 | |
| 7 | N | SSWW screen | 396 | 446 | |
| 7 | N | Steel | 446 | 456 | |

**9) Cementing Data**
Cementing from 0 ft. to 17 ft. # of sacks used 12
+2 ft. to 387 ft. # of sacks used 130
Method Used Pump down
Cementing By Jet Star
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance

**13) Plugged** ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

| From (ft) | To (ft) | From (ft) | To (ft) | Sacks used |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

**10) Surface Completion**
☒ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

**14) Typepump**
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

**11) Water Level**
Static level 215 ft. below Date 9 / 23 / 00
Artesian Flow gpm. Date

**15) Water Test**
Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 100 gpm with 121 ft. drawdown after 8 hrs.

**16) Water Quality**
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☒ Yes ☐ No

**12) Packers**

| Type | Depth |
|---|---|
| n/a | |

FILE ID EMP # JAN 2 2 2001 CB

| Company or individual's Name (type or print) | J. L. Myers Company | | |
|---|---|---|---|
| Address 8325 Forney Road | City Dallas | State TX | Zip 75227 |
| Signature (Licensed Driller/Pump Installer) | Date 1 / 16 / 01 | Signature (Apprentice) | Date / / |

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

4811301566

## Map ID 30: HIST - 1302 N Irving Heights

| | | |
|---|---|---|
| **Map ID: 30** | | **Source: TCEQ** |
| **Grid Number: 33-09-5Q** | **HIST - Historical Waterwell** | **Banks ID: 4811300270** |
| **Well Address: 1302 N Irving Heights, Irving, TX** | | **Rel. Loc.: 2.32mi NW** |
| **Completion Date: 1976-04-17** | | **Drill Depth: 29.0** |
| **Owner: Glenn Herron** | | **Elevation: 479.00 ft (+70.08 ft)** |

(1) Dup

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

all

For TWDB use only
Well No. 13-09-58
Located on map yes
Received: 76
Form GW 8
Form GW 9

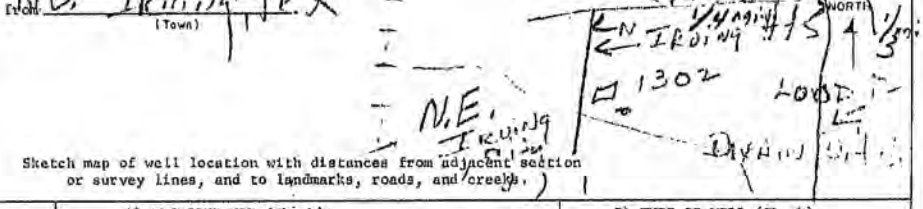
1) OWNER:
Person having well drilled GLENN HOPPRON (Name) Address 1302 N. Irving Hy. (Street or RFD) Irving (City) Tex (State)

Landowner Same (Name) Address — (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor — League — Abstract No. —

NW¼ NE¼ SW¼ SE¼ of Section — Block No. — Survey(s) Log Tex. St. Ry. Co.
(Circle as many as are known)

miles in — (NE, SW, etc.) direction from NE. Irving Tex (Town)




Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole — in. Depth drilled — ft. Depth of completed well — ft. Date drilled 4/1976

All measurements made from — ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 4 | Surface Loam |
| 4 | 10 | Fine Hd. Sd. Shale |
| 10 | 25 | Coarse Sd. |
| 25 | 27 | Sdy Gravel |
| 27 | 29 | Blue Clay |
| | | Brown |
| | | Reddish Grey |
| | | Gypsum |
| | | Original Hole |
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☒ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level — ft. below land surface Date —
Artesian pressure — lbs. per square inch Date —

9) CASING:
Type: old ☐ New ☐ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to ✓ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 5" I.D. | 0 | 27 | |

10) SCREEN:
Type Perforated Pvc
Perforated ☒ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| Perf Csg | 23 | 29 | 5/16" |

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom? Owner

Yield: 7/8 gpm with 4 ft. drawdown after 2 hrs
Bailer test 4 1/2 gpm with 0 ft. drawdown after 1 hrs
Artesian flow — gpm Date 4/20/76
Temperature of water 69
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? Hard & Clay depth of strata 20-21

12) PUMP DATA:
Manufacturer's Name McDonald
Type Multi Stage Centrif H.P. 1½
Designed pumping rate 20 gpm ☐ gph ☐
Type power unit: Elec
Depth to bowls, cylinder, jet, etc., Est Onto 22' ft.
below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.B. Hopkenson Drlng Co (Type or Print) Water Well Drillers Registration No. 112

Address PO Box 516 (Street or RFD) Irving (City) Texas 75060 (State)

(Signed) A.B. Hopkenson (Water Well Driller) A.B. Hopkenson Drlng Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300270

## Map ID 31: HIST

| | | |
|---|---|---|
| **Map ID: 31** | | **Source: TCEQ** |
| **Grid Number: 33-09-5X** | **HIST - Historical Waterwell** | **Banks ID: 4811300279** |
| **Well Address: TX** | | **Rel. Loc.: 2.33mi W** |
| **Completion Date: 1973-06-03** | | **Drill Depth: 42.0** |
| **Owner: C.L. Parrish** | | **Elevation: 492.13 ft (+83.20 ft)** |

(2)

33095K GW 7

| Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711 | State of Texas<br>WATER WELL REPORT | For TWDB use only<br>Well No. 33-85-5X<br>Located on map Yes<br>Received: 73<br>Form GW 8<br>Form GW 9 |
|---|---|---|

1) OWNER:
Person having well drilled C. R. Parrish (Name) Address 431 N. Rolling Hts, (Street or RFD) Irving, (City) Texas (State)

Landowner Jones (Name) Address — (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

miles in ____ (NE, S.W., etc.) direction from ____ (Town).

NORTH

Yard well
(Mid East old dwelling

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☑ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☐ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 7 7/8 in. Depth drilled 42' ft. Depth of completed well 42 ft. Date drilled 6-3-73

All measurements made from ⊙ ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0-35 | | top soil yellow clay |
| 35-41 | | Sand & Gravel |
| 41-42 | | Shale. |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☑ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☐ Plastic ☑ Other ☐
Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 2-5" | 0-43' | 43' | |

10) SCREEN:
Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name ____
Type ____ H.P. ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier Drlg Co (Type or Print) Water Well Drillers Registration No. 112

Address P.O. Box 516 (Street or RFD) Irving, (City) Texas (State) 75060

(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drlg Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300279

## Map ID 33: HIST - 1330 Drexel

| | | |
|---|---|---|
| **Map ID: 33** | | **Source: TCEQ** |
| **Grid Number: 33-09-5K** | **HIST - Historical Waterwell** | **Banks ID: 4811300267** |
| **Well Address: 1330 Drexel, Irving, TX** | | **Rel. Loc.: 2.35mi W** |
| **Completion Date: 1974-03-15** | | **Drill Depth: 46.0** |
| **Owner: J.C. Kirkpatrick** | | **Elevation: 495.41 ft (+86.48 ft)** |

33-09-5K GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

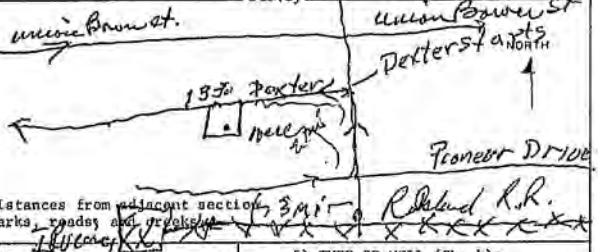
WATER WELL REPORT

For TWDB use only
Well No. 33-09-5K
Located on map yes
Received: 7-4
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled J. C. Kirkpatrick (Name) Address 1330 Baxter Irving, Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No. N.J. Irving Hts Survey
NW¼ NE¼ SW¼ SE¼ of Section Block No.
(Circle as many as are known)
5 miles in NE (NE, SW, etc.) direction from Downtown Irving (Town)




Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads and creeks

3) TYPE OF WORK (Check): New Well ☑ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☑ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☐ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 10 3/4" in. Depth drilled 46' ft. Depth of completed well 46 ft. Date drilled 3-15-74
All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 10 | Surface loam |
| 10 | 36 | yellow clay |
| 36 | 38 | - Sand |
| 38 | 44' | Gravel |
| 44' | 46' | Blue Shale |
| | | (Yard Well) |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☐ Plastic ☑ Other ☐
Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 6" | 0' | 46½' | Plastic |

10) SCREEN:
Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name ____
Type ____ H.P. ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.B. Haipkemeier (Type or Print) Water Well Drillers Registration No. 114

Address P.O. Box 516 (Street or RFD) Irving (City) Texas (State)

(Signed) A.B. Haipkemeier (Water Well Driller) Haipkemeier Drlng Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300267

## Map ID 34: HIST - 1215 N Irving Heights

| | | |
|---|---|---|
| **Map ID: 34** | | **Source: TCEQ** |
| **Grid Number: 33-09-5F** | **HIST - Historical Waterwell** | **Banks ID: 4811300261** |
| **Well Address: 1215 N Irving Heights, Irving, TX** | | **Rel. Loc.: 2.36mi NW** |
| **Completion Date: 1969-06-29** | | **Drill Depth: 42.0** |
| **Owner: Lee N. Clark** | | **Elevation: 488.85 ft (+79.92 ft)** |

33095F ①

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State of Texas

WATER WELL REPORT

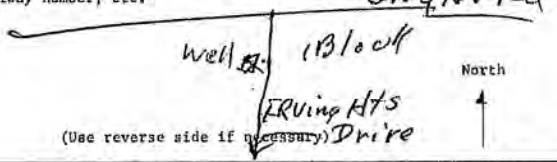
For TWDB use only
Well No. 33-09-5 F
Located on map
Received: 6-7

1) OWNER:
Person having well drilled Lee Nichols (Name) Address 1215 N. Irving Hts, Irving Tex (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas. N. Central miles in ____ (N.E., S.W., etc.) direction from Irving Tex. (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* Gravel or Rd




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____
Block ____ Survey ____
Abstract No. ____
(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 42' ft. Depth of completed well 42' ft. Date drilled 6/24/69
All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | Loam |
| 2 | 30 | Yellow Clay |
| 30 | 38' | Sand |
| 38 | 40 | Gravel (Mud) |
| 40 | 42 | Shale (Blue) |

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic Other
Cemented from ____ ft. to ____ ft.
Diameter (inches) 4½ Setting From (ft.) 0 To (ft.) 42 Gage 9#

10) SCREEN:
Type ____
Perforated Slotted
Diameter (inches) Setting From (ft.) To (ft.) Slot Size

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., ____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? ____
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hopkeeper (Type or Print) Water Well Drillers Registration No. 112

ADDRESS 445 W. Hiway 183 (Street or RFD) Irving (City) Texas (State)

(Signed) A. B. Hopkeeper (Water Well Driller) Hopkeeper Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 43: HIST - 1338 Owen Drive

| | | |
|---|---|---|
| **Map ID: 43** | | **Source: TCEQ** |
| **Grid Number: 33-09-5E** | **HIST - Historical Waterwell** | **Banks ID: 4811300260** |
| **Well Address: 1338 Owen Drive, Irving, TX** | | **Rel. Loc.: 2.47mi NW** |
| **Completion Date: 1969-07-15** | | **Drill Depth: 33.0** |
| **Owner: Don Owen** | | **Elevation: 482.28 ft (+73.36 ft)** |

33095E

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State of Texas

WATER WELL REPORT

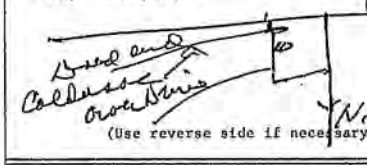
For TWDB use only
Well No. 33-57-5E
Located on map Yes
Received: 6/1
Jr

1) OWNER:
Person having well drilled Don Owen (Name) Address 1338 Owen Lane (Street or RFD) IRVING (City) TEXAS (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, N Central (N.E., S.W., etc.) in direction from IRVING (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other (yard)

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 9¼ in. Depth drilled 33' ft. Depth of completed well _____ ft. Date drilled 7/15/69

All measurements made from Gr ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 1 | Rumpe Fill |
| 1 | 25 | yellow clay |
| 25 | 31 | Sandy Gravel |
| 31 | 33 | Shale Blue |

9) Casing:
Type: Old ✓ New Steel ✓ Plastic Other
Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | To (ft.) | Gage |
|---|---|---|---|
| 5½ | 1' | | 13 |

10) SCREEN:
Type _____
Perforated Slotted

| Diameter (inches) | Setting From (ft.) | To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS 4445 W. ~~IRVING~~ Highway 183 (Street or RFD) IRVING (City) TEXAS (State)

(Signed) A. B. Hoipkemeier (Water Well Driller) Hoipkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4811300260

## Map ID 46: HIST - 1616 Bayside

| | | |
|---|---|---|
| **Map ID: 46** | | **Source: TCEQ** |
| **Grid Number: 33-10-7** | **HIST - Historical Waterwell** | **Banks ID: 4811300330** |
| **Well Address: 1616 Bayside, Dallas, TX** | | **Rel. Loc.: 2.53mi SE** |
| **Completion Date: 1972-06-20** | | **Drill Depth: 40.0** |
| **Owner: Rev. P.B. Oldham Jr.** | | **Elevation: 406.82 ft (-2.10 ft)** |

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P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-10-07
Located on map NP
Received: 7-1

1) OWNER:
Person having well drilled Rev. P. B. Oldham Jr. (Name) Address 1616 Bayside (Street or RFD) Dallas, (City) Texas (State)

Landowner same (Name) Address same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas . ____ miles in 7 (N.E., S.W., etc.) direction from Downtown (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well X | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic X | Industrial | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
Rotary | Driven | Dug | Cable | Jetted | Bored X

6) WELL LOG:
Diameter of hole 36 in. Depth drilled 40 ft. Depth of completed well 40 ft. Date drilled 6/20/72

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 1 | 4 | Black Dirt |
| 4 | 16 | Dark Clay |
| 16 | 20 | Light Clay |
| 20 | 40 | Blue Shale |

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel | Plastic | Other X

Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 34 | 2" above G.L. | 40 | 2½ |

10) SCREEN:
Type ____

Perforated | Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check):
Straight wall X | Gravel packed | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____

Artesian pressure ____ lbs. per square inch Date ____

Depth to pump bowls, cylinder, jet, etc., ____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes | No X If yes, by whom? ____

Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.

Artesian flow ____ gpm

Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No X

Did any strata contain undesirable water? Yes | No

Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Liberty Drilling Company (Type or Print) Water Well Drillers Registration No. 1142

ADDRESS P.O. Box 648 (Street or RFD) Mesquite, (City) (State) Texas

(Signed) C. J. Singleton (Water Well Driller) Liberty Drilling Company (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WO-8

4811700330

## Map ID 48: HIST - 1221 Brookhurst Street

| | | |
|---|---|---|
| **Map ID: 48** | | **Source: TCEQ** |
| **Grid Number: 33-09-5S** | **HIST - Historical Waterwell** | **Banks ID: 4811300273** |
| **Well Address: 1221 Brookhurst Street, Irving, TX** | | **Rel. Loc.: 2.53mi NW** |
| **Completion Date: 1970-05-01** | | **Drill Depth: 48.0** |
| **Owner: Donald W. Adamson** | | **Elevation: 488.85 ft (+79.92 ft)** |

330955

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State of Texas

WATER WELL REPORT

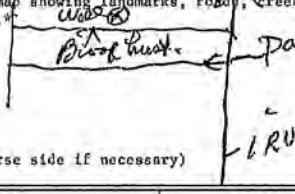
For TWDB use only
Well No. 33-09-55
Located on map Yes
Received:

1) OWNER:
Person having well drilled Ronald W. Adamson Address 1221 Brookhurst Irving, Tex.
(Name) (Street or RFD) (City) (State)

Landowner Adams Address Coar
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, miles in N.E. direction from City Hall
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor League
Block Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Municipal Irrigation Test Well Other Yard

5) TYPE OF WELL (Check): Rotary Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 48' ft. Depth of completed well 48' ft. Date drilled May 70
All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 38 | Yellow Clay |
| 38 | 45 | Shale & Rock |
| 45 | 48 | Blue Shale |

9) Casing:
Type: Old New ✓ Steel Plastic Other
Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | | | |

10) SCREEN:
Type
Perforated Slotted ✓

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft.
below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS P.O. Box 576 (Street or RFD) Irving (City) Texas (State) 75060

(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4811300273

## Map ID 52: HIST - 1106 East Union Bower Road

| | | |
|---|---|---|
| **Map ID: 52** | | **Source: TCEQ** |
| **Grid Number: 33-09-5V** | **HIST - Historical Waterwell** | **Banks ID: 4811300277** |
| **Well Address: 1106 East Union Bower Road, Irving, TX** | | **Rel. Loc.: 2.59mi W** |
| **Completion Date: 1972-06-01** | | **Drill Depth: 40.0** |
| **Owner: Morris F. Taylor** | | **Elevation: 495.41 ft (+86.48 ft)** |

33095V GW 7

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State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 43-89-5V
Located on map 4e5
Received: 7?
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Morris F. Taylor (Name) Address 1106 Union Bower Irving Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from (Town).

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☑ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☑ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☐ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 3/4" in. Depth drilled 40 ft. Depth of completed well 40' ft. Date drilled 6/72

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 22 | Yellow Clay |
| 22 | 31 | Yellow Sand. |
| 31 | 38 | Sandy Gravel |
| 38 | 40 | Blue Shale |
| | | (Good Well) |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date
Artesian pressure ____ lbs. per square inch Date

9) CASING:
Type: old ☐ New ☑ Steel ☑ Plastic ☐ Other ☐
Cemented from ____ ft. to ____ ft.

10) SCREEN:
Type
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 6 1/4 | 0 | 40' | |

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name
Type ____ H.P. ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoip Kemmer (Type or Print) Water Well Drillers Registration No. 112

Address P.O Box 516 (Street or R/D) Irving (City) Texas 75060 (State)

(Signed) A. B. Hoip Kemmer (Water Well Driller) A. B. Hoip Kemmer Drlng Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300277

## Map ID 55: HIST

| | | |
|---|---|---|
| **Map ID: 55** | | **Source: TCEQ** |
| **Grid Number: 33-09-5F** | **HIST - Historical Waterwell** | **Banks ID: 4811300263** |
| **Well Address: TX** | | **Rel. Loc.: 2.62mi NW** |
| **Completion Date: 1969-07-04** | | **Drill Depth: 42.0** |
| **Owner: Alfred Piano** | | **Elevation: 501.97 ft (+93.04 ft)** |

33095F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

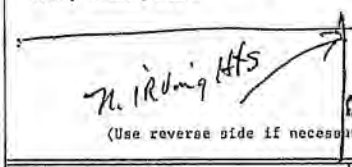
For TWDB use only
Well No. 33-07-51
Located on map 7 & 5
Received: 1-9-7
11

1) OWNER:
Person having well drilled Alfred Piano (Name) Address 1713 N. Irving Hts Irving Tex (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas 7 ½ Central miles in (N.E., S.W., etc.) direction from Irving (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other (Yard)

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 9 in. Depth drilled 42' ft. Depth of completed well 42' ft. Date drilled 7/4/69
All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 3' | Sandy Loam |
| 3' | 29' | Yellow Clay |
| 29 | 35' | Sand |
| 35 | 39 | Gravel & Clay |
| 39 | 42' | Shale Blue |

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| | | | |

10) SCREEN:
Type _____
Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|
| | | | |

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Haipkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS 4445 N. Hiway 183 Irving Texas (Street or RFD) (City) (State)

(Signed) A. B. Haipkemeier (Water Well Driller) Haipkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4811300263

## Map ID 57: HIST

| | | |
|---|---|---|
| **Map ID: 57** | | **Source: TCEQ** |
| **Grid Number: 33-09-3F** | **HIST - Historical Waterwell** | **Banks ID: 4811300243** |
| **Well Address: TX** | | **Rel. Loc.: 2.72mi N** |
| **Completion Date: 1974-02-23** | | **Drill Depth: 40.0** |
| **Owner: Mrs. W.W. Jones** | | **Elevation: 439.63 ft (+30.71 ft)** |

33-09-3F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

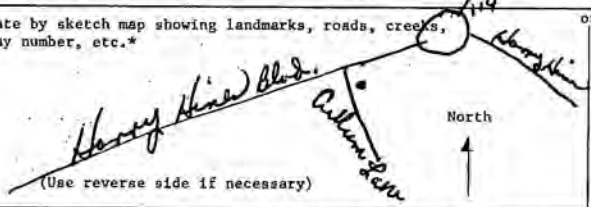
For TWDB use only
Well No. 33-09-3F
Located on map yes
Received: 7-1
dlb

1) OWNER:
Person having well drilled Mr W W Jones (Name) Address 2407 Cullum Lane (Street or RFD) Dallas (City) Texas (State)

Landowner Mr. Berry (Name) Address 2402 Cullum Lane (Street or RFD) Dallas (City) Texas (State)

2) LOCATION OF WELL:
County Dallas, 1/4 miles in (N.E., S.W., etc.) direction from ex Dallas (Town) Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
~~New~~ Well | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic | Industrial | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
~~Rotary~~ | Driven | Dug | Cable | Jetted | Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 40 ft. Depth of completed well 40 ft. Date drilled 2-23-74

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 3 | SURFACE |
| 3 | 10 | CLAY GRAY |
| 10 | 21 | Sand YELLOW |
| 21 | 35 | CLAY + Gravel |
| 35 | 40 | SHALE BLUE |

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other

Cemented from 0 ft. to 10 ft.

Diameter (inches) 4" Setting From (ft.) 0 To (ft.) 40 Gage #40

10) SCREEN:
Type _____

Perforated Slotted

Diameter (inches) 4" Setting From (ft.) 12 To (ft.) 40 Slot Size 5"

7) COMPLETION (Check):
Straight wall | ~~Gravel~~ packed | Other | Under reamed | Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test 6 gpm with 14 ft. drawdown after 1 hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Posey DRILLING CO (Type or Print) Water Well Drillers Registration No. 1331

ADDRESS 257 W Highland st (Street or RFD) Grapevine (City) Texas (State)

(Signed) Albert J Posey (Water Well Driller) Same (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-6

## Map ID 58: HIST - 6404 Denton Drive

| | | |
|---|---|---|
| **Map ID: 58** | | **Source: TCEQ** |
| **Grid Number: 33-10-4** | **HIST - Historical Waterwell** | **Banks ID: 4811300328** |
| **Well Address: 6404 Denton Drive, Dallas, TX** | | **Rel. Loc.: 2.77mi NE** |
| **Completion Date: 1971-11-03** | | **Drill Depth: 40.0** |
| **Owner: J.D. Brown** | | **Elevation: 469.16 ft (+60.24 ft)** |

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

1595

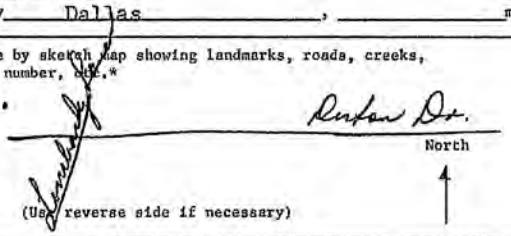
For TWDB use only
Well No.
Located on map ND
Received: 11-8-73

1) OWNER:
Person having well drilled J. D. Brown (Name) Address 6404 Denton Drive (Street or RFD) Dallas (City) Texas (State)

Landowner same (Name) Address same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, miles in direction from in Dallas (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well X; Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic X; Industrial; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary; Driven; Dug; Cable; Jetted; Bored X

6) WELL LOG:
Diameter of hole 36" in. Depth drilled 40 ft. Depth of completed well 40 ft. Date drilled 11/3/73

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 1 | 12 | Black Dirt |
| 12 | 20 | Dark brown clay |
| 20 | 32 | Light Brown Clay |
| 32 | 40 | Light Brown Sandy Clay |

(Use reverse side if necessary)

9) Casing:
Type: Old; New X; Steel; Plastic; Other

Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 31½" | 2" above G.L. | 40 | 2½ |

10) SCREEN:
Type

Perforated; Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check): Straight wall; Gravel packed; Other; Under reamed; Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date

Artesian pressure lbs. per square inch Date

Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes; No X If yes, by whom?

Yield: gpm with ft. drawdown after hrs.

Bailer test gpm with ft. drawdown after hrs.

Artesian flow gpm

Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes; No X

Did any strata contain undesirable water? Yes; No

Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Liberty Drilling Company (Type or Print) Water Well Drillers Registration No. 1142

ADDRESS P.O. Box 648 (Street or RFD) Mesquite, (City) Texas (State)

(Signed) C. S. Singleton (Water Well Driller) Liberty Drilling Company (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

## Map ID 59: HIST - 1410 Milner

| | | |
|---|---|---|
| **Map ID: 59** | | **Source: TCEQ** |
| **Grid Number: 33-09-5T** | **HIST - Historical Waterwell** | **Banks ID: 4811300275** |
| **Well Address: 1410 Milner, Irving, TX** | | **Rel. Loc.: 2.79mi NW** |
| **Completion Date: 1971-05-01** | | **Drill Depth: 35.0** |
| **Owner: Fred W. Miller** | | **Elevation: 495.41 ft (+86.48 ft)** |

33-09-5T

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-5T
Located on map
Received:

1) OWNER:
Person having well drilled: Fred W. Miller (Name) Address: 1410 Milwee Rd Irving, Tex (Street or RFD) (City) (State)

Landowner: Jones (Name) Address: (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Dallas, Irving City limits miles in direction from (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* (Use reverse side if necessary)

North

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial; Municipal; Irrigation ✓; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓; Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 8 3/4" in. Depth drilled 35' ft. Depth of completed well 35' ft. Date drilled May 71

All measurements made from ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 26 | yellow clay |
| 26 | 35 | sand & gravel |

(Use reverse side if necessary)

9) Casing:
Type: Old; New ✓; Steel ✓; Plastic; Other

Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| | | | |

10) SCREEN:
Type

Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|
| | | | |

7) COMPLETION (Check): Straight wall; Gravel packed ✓; Other; Under reamed; Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date

Artesian pressure lbs. per square inch Date

Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?

Yield: gpm with ft. drawdown after hrs.

Bailer test gpm with ft. drawdown after hrs.

Artesian flow gpm

Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 117

ADDRESS P.O. Box 516 (Street or RFD) Irving, (City) Texas (State) 75061

(Signed) A.B. Hoipkemeier (Water Well Driller) A.B. Hoipkemeier Drlg Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 61: HIST - 1207 Holly Street

| | | |
|---|---|---|
| **Map ID: 61** | | **Source: TCEQ** |
| **Grid Number: 33-09-8** | **HIST - Historical Waterwell** | **Banks ID: 4811301937** |
| **Well Address: 1207 Holly Street, TX** | | **Rel. Loc.: 2.84mi W** |
| **Completion Date: 2000-01-19** | | **Drill Depth: 48.0** |
| **Owner: Jack Yates** | | **Elevation: 498.69 ft (+89.76 ft)** |

Send original copy by certified return receipt requested to: TDLR, P.O. Box 12157, Austin, TX 78711

57

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

# State of Texas
# WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Jack Yates (Name) ADDRESS 1207 Holly Street (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Dallas Sane (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 33-09-8

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

(4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☑ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG:
Date Drilling:
Started 1-18 2000
Completed 1-19 2000

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8 1/2" | Surface | 48 |
| | | |
| | | |

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other ____

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | -35 | Yellow Clay |
| -35 | -36 | P Gravel |
| -36 | -39 | Yellow Clay |
| -39 | -43 | P Gravel |
| -43 | -46 | Clay |
| -46 | -48 | Grey Shale |

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval from -38 ft. to -48 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casting Screen |
|---|---|---|---|---|---|
| 4 | N | Plastic | +2 | -38 | |
| 4 | N | PVC Screen | -38 | -48 | .020 |
| | | | | | |
| | | | | | |

9) CEMENTING DATA
Cemented from +2 ft. to -38 ft. No. of sacks used 11
____ ft. to ____ ft. No. of sacks used ____
Method used funnel
Cemented by Jay Johnson
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance None in area

13) ☐ Well plugged within 48 hours

| Casing left in well: From (ft) | Casing left in well: To (ft) | Cement/bentonite placed in well: From (ft) | Cement/bentonite placed in well: To (ft) | Sacks used: |
|---|---|---|---|---|
| | | | | |
| | | | | |

14) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 43 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☑ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 20 gpm with 0 ft. drawdown after 1 hrs.

11) WATER LEVEL:
Static level 38 ft. below land surface Date 1-19-2000
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type Depth

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CCS (Type or print) WELL DRILLER'S LICENSE NO. 54375 IW

ADDRESS 2018 Sunny Circle (Street or RFD) Rockwall (City) TX (State) 75087 (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

FILE ID ____ SEQ # ____
EMP # ____
JUN 2 9 2000
COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

## Map ID 66: HIST - 908 N Britain Road

| | | |
|---|---|---|
| **Map ID: 66** | | **Source: TCEQ** |
| **Grid Number: 33-09-5S** | **HIST - Historical Waterwell** | **Banks ID: 4811300274** |
| **Well Address: 908 N Britain Road, Irving, TX 75061** | | **Rel. Loc.: 3.10mi W** |
| **Completion Date: 1978-12-08** | | **Drill Depth: 402.0** |
| **Owner: Yong Ho Pak** | | **Elevation: 495.41 ft (+86.48 ft)** |

DEC 11 1978 330955

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas WATER WELL REPORT

DEPT. OF WATER RESOURCES

For TDWR use only
Well No. 33-07-5..
Located on map
Received: 12-11-78

1) OWNER YONG HO PAK (Name) Address 908 N. BRITAIN Rd. (Street or RFD) IRVING (City) TX. (State) 75061 (Zip)

2) LOCATION OF WELL: County DALLAS . — miles in IRVING (N.E., S.W., etc.) direction from IRVING (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☑ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 12-8-78

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 6¼ | Surface | 402 |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☑ Other GUN PERFORATED
If Gravel Packed give interval . . . from — ft. to — ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 10 | TOP SOIL |
| 11 | 40 | GRAVEL |
| 41 | 258 | BLUE & GRAY SHALES |
| 259 | 272 | SAND |
| 273 | 350 | SHALE |
| 351 | 360 | SANDY SHALE |
| 361 | 370 | ~~SAND~~ SHALE |
| 371 | 380 | SAND |
| 381 | 388 | WHITE SHALE |
| 389 | 402 | LIME |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4½" | NEW | STEEL | 400 | SURF | .188 |

CEMENTING DATA
Cemented from 400 ft. to SURF. ft.
Method used PRESSURE CEMENTED
Cemented by GEYER DRILLING CO. (Company or Individual)

9) WATER LEVEL:
Static level 250 ft. below land surface Date 12-8-78
Artesian flow — gpm, Date _____

10) PACKERS: Type Depth
NONE

11) TYPE PUMP:
☐ Turbin ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☑ Bailer ☐ Jetted ☐ Estimated
Yield: 5 gpm with 100 ft. drawdown after 3 hrs.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME E. B. GEYER (Type or Print) Water Well Drillers Registration No. B 852

ADDRESS 107 WALNUT AVE. (Street or RFD) MANSFIELD (City) TEXAS (State) 76063 (Zip)

(Signed) E B Geyer (Water Well Driller) GEYER DRILLING CO. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

4811300274

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2 of the TDWR-0392 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.




908 N. BRITAIN RD.
IRVING TX.

33-09-55

33-09-55

RECEIVED
APR 23 '79
GR/TDWR

## Map ID 67: HIST - 700 S Delaware Street

| | | |
|---|---|---|
| **Map ID: 67** | | **Source: TCEQ** |
| **Grid Number: 33-09-5U** | **HIST - Historical Waterwell** | **Banks ID: 4811300276** |
| **Well Address: 700 S Delaware Street, Irving, TX** | | **Rel. Loc.: 3.14mi W** |
| **Completion Date: 1971-06-01** | | **Drill Depth: 32.0** |
| **Owner: Lucy C. McGee** | | **Elevation: 479.00 ft (+70.08 ft)** |

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-511
Located on map Yes
Received: 7/1

1) OWNER:
Person having well drilled Lucy C. McGee (Name) Address 705 S. Silveus (Street or RFD) Garland (City) Texas (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas in Garland City limits miles in (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check):
New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 33' ft. Depth of completed well 32' ft. Date drilled June 71

All measurements made from ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 20 | Yellow Clay |
| 20 | 29 | Sand & Gravel |
| 29 | 32 | Blue Shale |

(Use reverse side if necessary)

9) Casing:
Type: Old New Steel Plastic Other

Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| | | | |

10) SCREEN:
Type

Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|
| | | | |

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date

Artesian pressure lbs. per square inch Date

Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?

Yield: gpm with ft. drawdown after hrs.

Bailer test gpm with ft. drawdown after hrs.

Artesian flow gpm

Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME (Type or Print) Water Well Drillers Registration No.

ADDRESS (Street or RFD) (City) (State)

(Signed) (Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4811300276

## Map ID 69: HIST

| | | |
|---|---|---|
| **Map ID: 69** | | **Source: TCEQ** |
| **Grid Number: 33-09-3A** | **HIST - Historical Waterwell** | **Banks ID: 4811300239** |
| **Well Address: TX** | | **Rel. Loc.: 3.18mi N** |
| **Completion Date: 1966-05-17** | | **Drill Depth: 50.0** |
| **Owner: E. E. Riney** | | **Elevation: 433.07 ft (+24.15 ft)** |

33-09-3A

File original copy with
Texas Water Commission
P. O. Box 12311, Capitol Station
Austin, Texas 78711

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-3A
Located on map VES
By [illegible] Date 1966
Map no. 57-199

1) Well Owner: E. E. Rigsey (Name) 1013 South Garner Rd. (Street or RFD) - Dallas (City) (State)

2) Land Owner: Same (Name) (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other Watering Lawn

4) Location of well: County Dallas Labor _____ League _____ Abstract No. _____

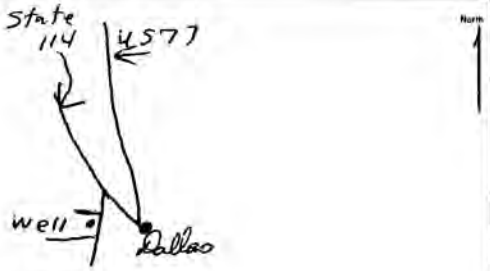
NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section _____ Block No. _____ Survey _____

_____ miles in _____ (NE, SW, etc.) direction

from _____ (Town)

Located 1½ Blocks S. of State 114 &

½ mi W. of US 77 intersection




Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 36 in. Date drilled 5-17-66

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 1 | 17 | White Sand | | 15 | Water |
| 17 | 50 | Blue Shale | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | (Use continuation sheets if necessary) |

## COMPLETION DATA

COMPLETION

Straight wall ☑
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other _____

Concrete CASING

Type: Old ☐ New ☑
Cemented from _____ ft.
to _____ ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 30ID | 1 | 17 |
| | | |
| | | |
| | | |

SCREEN

Type _____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

George Combs (Signature) Combs Drilling Service (Company Name) Reg. No. 58

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level _____
ft. below _____

Pumping level

| feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type _____
Designed pumping rate _____ gpm ☐ gph ☐
Type power unit _____
Horsepower _____
Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

## Map ID 74: HIST

| | | |
|---|---|---|
| **Map ID: 74** | | **Source: TCEQ** |
| **Grid Number: 33-10-7B** | **HIST - Historical Waterwell** | **Banks ID: 4811300331** |
| **Well Address: TX** | | **Rel. Loc.: 3.24mi S** |
| **Completion Date: 1978-02-12** | | **Drill Depth: 54.0** |
| **Owner: Southwest Ind. Gas Inc.** | | **Elevation: 518.37 ft (+109.45 ft)** |

7B

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

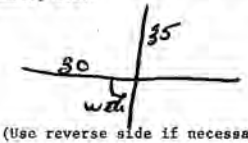
For TWDB use only
Well No. 33-10-7B
Located on map yes
Received: 7-8-78
dlb

1) OWNER:
Person having well drilled Southwest Ind. Gas Inc. Address 600 S. Industrial Dallas Texas
(Name) (Street or RFD) (City) (State)

Landowner SAME Address SAME
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County DALLAS, 3 miles in W direction from Dallas
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation ✓ Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 8 in. Depth drilled 57 ft. Depth of completed well 54 ft. Date drilled 2-12-78
All measurements made from / ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 4 | Black clay |
| 4 | 10 | yellow clay |
| 10 | 20 | Clay & SAND |
| 20 | 26 | Grey Shale |
| 26 | 52 | SAND & GRAVEL |
| 52 | 57 | Lime & Blue Shale |

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 0 ft. to 20 ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | 0 | 57 | 200lb. |

10) SCREEN:
Type _____
Perforated ✓ SAW Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|
| 4½ | 34 | 50 | SAW |

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 14 ft. below land surface Date 2-20-78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 35' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ No If yes, by whom? DRILLER
Yield: 12 gpm with 1 ft. drawdown after 3 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Millican Well Service Water Well Drillers Registration No. 1563
(Type or Print)

ADDRESS 2308 DALFORD Ft. Worth TEXAS 76111
(Street or RFD) (City) (State)

(Signed) Kenneth O. Millican Millican Well Service
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

## Map ID 76: HIST

| | | |
|---|---|---|
| **Map ID: 76** | | **Source: TCEQ** |
| **Grid Number: 33-09-8B** | **HIST - Historical Waterwell** | **Banks ID: 4811300309** |
| **Well Address: TX** | | **Rel. Loc.: 3.26mi SW** |
| **Completion Date: 1972-11-06** | | **Drill Depth: 30.0** |
| **Owner: Ray K. Neal** | | **Elevation: 419.95 ft (+11.02 ft)** |

8B

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

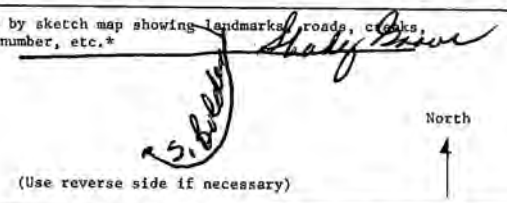
For TWDB use only
Well No. 33-09-8B
Located on map Yes
Received: 73
dlr

1) OWNER:
Person having well drilled Ray K. Neal (Name) Address 302 S. Bolden (Street or RFD) Irving (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, 3 miles in S (N.E., S.W., etc.) direction from Irving (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well X | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic | Industrial X | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
Rotary | Driven | Dug | Cable | Jetted | Bored X

6) WELL LOG:
Diameter of hole 36" in. Depth drilled 30' ft. Depth of completed well 30' ft. Date drilled 11/6/72

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 1 | 4 | Black Dirt |
| 4 | 10 | Light Brown Dirt |
| 10 | 20 | Sand, Gravel & Water |
| 20 | 30 | Rock |

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel | Plastic | Other X

Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 31½" | | 30' | 2½" |

10) SCREEN:
Type _____

Perforated | Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check):
Straight wall X | Gravel packed | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes | No X If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No X

Did any strata contain undesirable water? Yes | No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Liberty Drilling Company (Type or Print) Water Well Drillers Registration No. 1142

ADDRESS P.O. Box 648 (Street or RFD) Mesquite (City) Texas (State) 7549

(Signed) _____ (Water Well Driller)

Liberty Drilling Company (Company Name)

C. Singleton

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

## Map ID 77: HIST - 10100 Denton Dr

| | | |
|---|---|---|
| **Map ID: 77** | | **Source: TCEQ** |
| **Grid Number: 33-09-3** | **HIST - Historical Waterwell** | **Banks ID: 4811301968** |
| **Well Address: 10100 Denton Dr, Dallas, TX 75220** | | **Rel. Loc.: 3.30mi N** |
| **Completion Date: 1997-09-08** | | **Drill Depth: 410.0** |
| **Owner: John Richardson** | | **Elevation: 439.63 ft (+30.71 ft)** |

Send original copy by certified return receipt requested mail to TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

**ATTENTION OWNER:** *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

# State of Texas
# WELL REPORT


**Texas Water Well Drillers Advisory Council**
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530


1) **OWNER** JOHN RICHARDSON (Name) **ADDRESS** 10100 DENTON DR (Street or RFD) DALLAS (City) TX (State) 75220 (Zip)

2) **ADDRESS OF WELL:** County DALLAS 10100 DENTON DR (Street, RFD or other) DALLAS (City) TX (State) 75220 (Zip) **GRID #** 33 09 03

3) **TYPE OF WORK (Check):**
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) **WELL LOG:**
**Date Drilling:** Started 0830 19 97 Completed 0908 19 97

| DIAMETER OF HOLE | | |
|---|---|---|
| Dia. (in.) | From (ft.) | To (ft.) |
| | Surface | |
| 6 3/4 | 0 | 410 |

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 6 | YELLOW CLAY |
| 6 | 13 | BROWN CLAY |
| 13 | 21 | SAND AND GRAVEL |
| 21 | 215 | EAGLE FORD SHALE |
| 215 | 340 | SANDY SHALE |
| 340 | 345 | SAND |
| 345 | 366 | SHALE AND LIMESTONE |
| 366 | 398 | BROKEN SAND |
| 398 | 410 | LIMESTONE AND SHALE |

*(Use reverse side of Well Owner's copy, if necessary)*

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 340 ft. to 410 ft.

**CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casting Screen |
|---|---|---|---|---|---|
| 4 | N | PVC CASING | 0 | 365 | #40 |
| 4 | N | PVC SCREEN | 365 | 405 | .020 |
| 4 | N | PVC CASING | 405 | 410 | #40 |

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 90 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used PRESSURE
Cemented by DRILLER
Distance to septic system field lines or other concentrated contamination ft.
Method of verification of above distance CITY SEWER LINES

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 110 ft. below land surface Date 090897
Artesian flow gpm. Date

12) **PACKERS:** Type Depth

13) **TYPE PUMP:**
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 1800 ft.

14) **WELL TESTS:**
Type test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 10 gpm with 30 ft. drawdown after 10 hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☐ No

FILE ID EMP # SEQ # PERMIT NO OCT 07 1997 COMMENT WB

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

**COMPANY NAME** SEA-LITE DRILLING CO (Type or print) **WELL DRILLER'S LICENSE NO.** WPKL1820

**ADDRESS** 10634 CR#58 (Street or RFD) CELINA (City) TEXAS (State) 75009 (Zip)

**(Signed)** RE Nibo (Licensed Well Driller) **(Signed)** (Registered Driller Trainee)

**Please attach electric log, chemical analysis, and other pertinent information, if available.**

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

## Map ID 85: HIST - 1508 Upton Place

| | | |
|---|---|---|
| **Map ID: 85** | | **Source: TCEQ** |
| **Grid Number: 33-09-5** | **HIST - Historical Waterwell** | **Banks ID: 4811300282** |
| **Well Address: 1508 Upton Place, Irving, TX 75060** | | **Rel. Loc.: 3.45mi W** |
| **Completion Date: 1993-06-28** | | **Drill Depth: 60.0** |
| **Owner: Don Richter** | | **Elevation: 469.16 ft (+60.24 ft)** |

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

# State of Texas WELL REPORT

2,7,8,9,10,13,14.

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER DON RICHTER (Name) ADDRESS 1508 UPTON PLACE, IRVING, TX. 75060 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County DALLAS , 3 miles in S (NE, SW, etc.) direction from IRVING (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☑ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started JUNE 28 1993 Completed JUNE 28 1993

| DIAMETER OF HOLE | Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|---|
| | 7 7/8 | Surface | 60 |
| | | | |
| | | | |

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from 20 ft. to 60 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | TOP SOIL |
| 2 | 6 | RED SANDSTONE |
| 6 | 18 | RED SAND |
| 18 | 25 | SANDSTONE/SHALE |
| 25 | 40 | SAND & GRAVEL |
| 40 | 60 | GREY SHALE |

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4 | N | PVC BLANK | 0 | 20 | 220 PSI |
| 4 | N | PVC PERF. | 20 | 50 | .020 |
| 4 | N | PVC BLANK | 50 | 60 | 220 PSI |
| | | | | | |

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 8
_____ ft. to _____ ft. No. of Sacks Used _____
Method used HAND MIXED
Cemented by MIDDERMAN'S WELL SERVICE

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 70 ft. below land surface Date 6-28-93
Artesian flow _____ gpm. Date _____

12) PACKERS: Type N/A Depth

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 50 ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12 gpm with 10 ft. drawdown after 15 hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

TEXAS WATER COMMISSION JAN 1994 RECEIVED

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME MIDDERMAN'S WELL SERVICE (Type or print) WELL DRILLER'S LICENSE NO. 0022IOWP

ADDRESS 1632 E. PRICE STREET (Street or RFD) KELLER (City) TX. (State) 76248 (Zip)

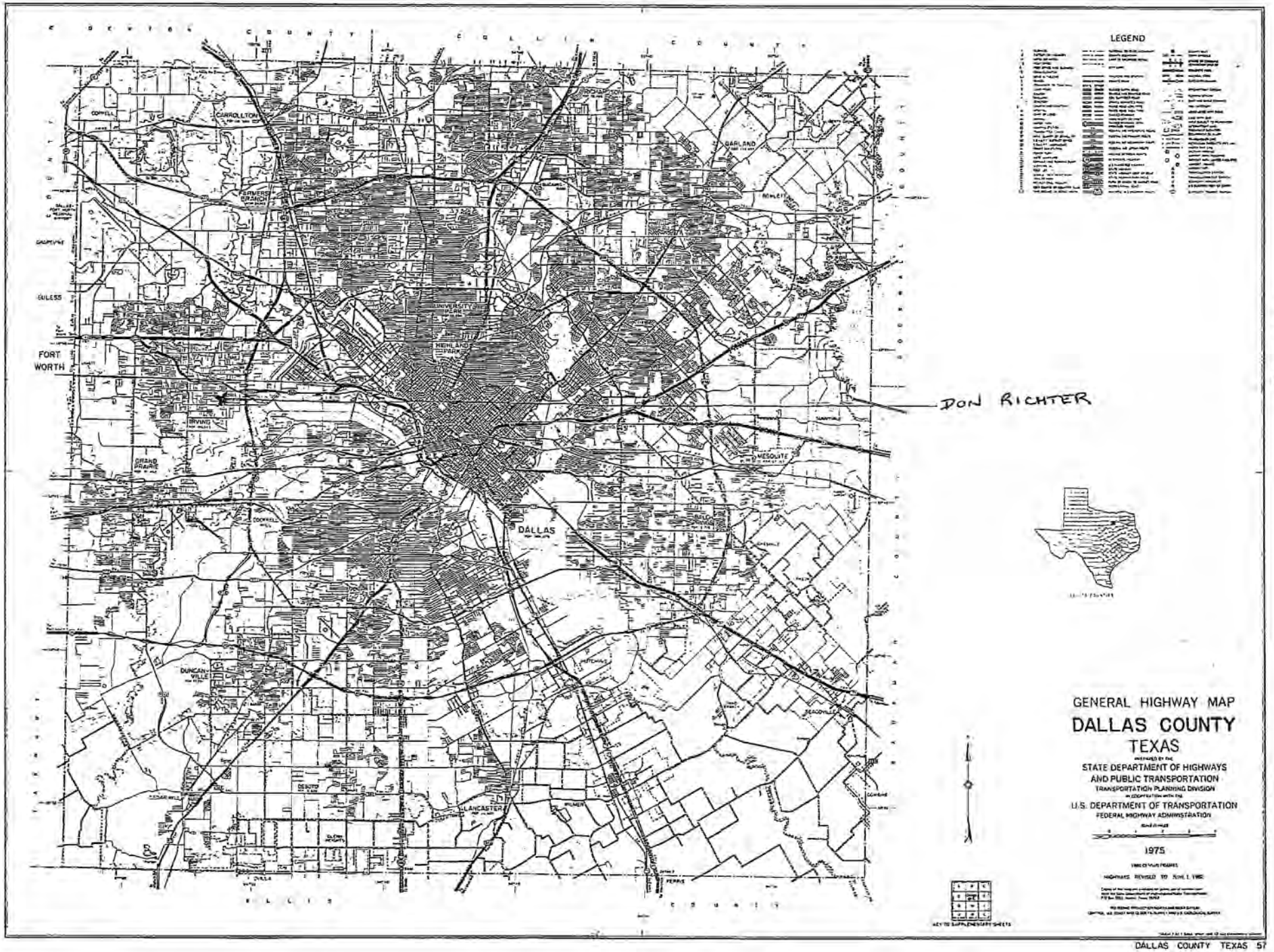
(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 33.09.5

WWD-012 (Rev. 09/21/88)

4811300282


LEGEND
DON RICHTER
Richter
GENERAL HIGHWAY MAP
DALLAS COUNTY
TEXAS
PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1975
HIGHWAYS REVISED TO JUNE 1, 1980
KEY TO SUPPLEMENTARY SHEETS
FORT WORTH
DALLAS
CARROLLTON
GARLAND
IRVING
GRAND PRAIRIE
MESQUITE
DUNCANVILLE
LANCASTER
DESOTO
COPPELL
FARMERS BRANCH
GLENN HEIGHTS
HUTCHINS
SEAGOVILLE
WILMER
FERRIS
ROWLETT
GRUVER
GULESS
COLLIN COUNTY
DENTON COUNTY
ELLIS COUNTY

## Map ID 86: HIST - 1508 Upton Place

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

| | | |
|---|---|---|
| **Map ID: 86** | | **Source: TCEQ** |
| **Grid Number: 32-16-6S** | **HIST - Historical Waterwell** | **Banks ID: 4811300284** |
| **Well Address: 1508 Upton Place, Irving, TX** | | **Rel. Loc.: 3.46mi W** |
| **Completion Date: 1970-08-01** | | **Drill Depth: 45.0** |
| **Owner: D.J. Richter** | | **Elevation: 469.16 ft (+60.24 ft)** |

65

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas

WATER WELL REPORT

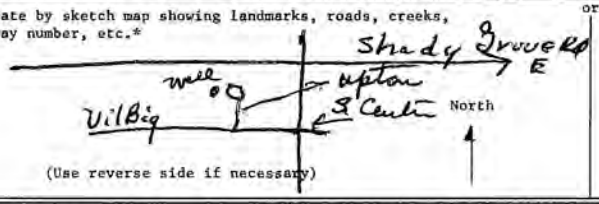
For TWDB use only
Well No. 32-16-65
Located on map yes
Received: 71
dd

1) OWNER:
Person having well drilled D.J. Richter (Name) Address 1508 Upton (Street or RFD) Irving (City), Texas (State)

Landowner SAME (Name) Address — (Street or RFD) — (City) — (State)

2) LOCATION OF WELL:
County Dallas, ____ miles in ____ direction from ____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic | Industrial | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
Rotary ✓ | Driven | Dug | Cable | Jetted | Bored

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 45' ft. Depth of completed well 43' ft. Date drilled 8-70

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0' | 2' | Surface soil |
| 2' | 32' | Clay |
| 32' | 41' | Sand |
| 41' | 45' | Gravel T.D. |

9) Casing:
Type: Old | New ✓ Steel | Plastic | Other

Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| | | | |

10) SCREEN:
Type ____

Perforated | Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|
| | | | |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ✓ | Gravel packed ✓ | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____

Artesian pressure ____ lbs. per square inch Date ____

Depth to pump bowls, cylinder, jet, etc., ____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No if yes, by whom? ____

Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.

Artesian flow ____ gpm

Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.B. Hoip Komeier Drilling (Type or Print) Water Well Drillers Registration No. 11n

ADDRESS P.O. Box 576 (Street or RFD) Irving (City) Texas (State)

(Signed) A.B. Hoipkemeier (Water Well Driller) A.B. Hoipkemeier Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 87: HIST - 1504 Upton Place

| | | |
|---|---|---|
| **Map ID: 87** | | **Source: TCEQ** |
| **Grid Number: 33-09-5D** | **HIST - Historical Waterwell** | **Banks ID: 4811300259** |
| **Well Address: 1504 Upton Place, Irving, TX** | | **Rel. Loc.: 3.46mi W** |
| **Completion Date: 1969-08-06** | | **Drill Depth: 50.0** |
| **Owner: C.A. Phillips** | | **Elevation: 469.16 ft (+60.24 ft)** |

5D

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 35-19-5D
Located on map
Received:

1) OWNER:
Person having well drilled C.A. Phillips (Name) Address 1504 upton St (Street or RFD) Irving (City) Texas (State)

Landowner Jones (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, South center (City & Nearest Intersection) miles (N.E., S.W., etc.) from Irving (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Shady Grove Rd
upton St
Jupiter
Belt St.
North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial; Municipal; Irrigation; Test Well; Other (Yard) ✓

5) TYPE OF WELL (Check): Rotary ✓ Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 50' ft. Depth of completed well 50' ft. Date drilled 8-6-69
All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | Loam |
| 2 | 20 | Yellow clay |
| 20 | 24 | Sand Yellow |
| 24 | 26 | Gravel |
| 26 | 45 | Clay yellow |
| 45 | 48 | Small Sea Gravel |
| 48 | 50 | Shale (Blue) |

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from _____ ft. to _____ ft.
Diameter (inches) 4½" Setting From (ft.) 0 To (ft.) 50' Gage 11#

10) SCREEN:
Type _____
Perforated Slotted
Diameter (inches) Setting From (ft.) To (ft.) Slot Size

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hopkinson (Type or Print) Water Well Drillers Registration No. 117

ADDRESS 445W Hiway 183 (Street or RFD) Irving (City) Texas (State)

(Signed) A. B. Hopkinson Jr (Water Well Driller) _____ (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBF-GW-S3

## Map ID 91: HIST - 1501 Upton Place

| | | |
|---|---|---|
| **Map ID: 91** | | **Source: TCEQ** |
| **Grid Number: 33-09-5R** | **HIST - Historical Waterwell** | **Banks ID: 4811300272** |
| **Well Address: 1501 Upton Place, Irving, TX** | | **Rel. Loc.: 3.50mi W** |
| **Completion Date: 1970-05-01** | | **Drill Depth: 50.0** |
| **Owner: T.O. Pritchett** | | **Elevation: 472.44 ft (+63.52 ft)** |

5R

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-5R
Located on map 405
Received: 1/11/71

1) OWNER:
Person having well drilled T. O. Pritchett (Name) Address 1501 Upton (Street or RFD) Irving (City) Texas (State)

Landowner Same (Name) Address — (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County DALLAS, — miles in — direction from — (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, Shady Oaks or hiway number, etc.* Well #18 Dead End Center West Upton 1/2 block St North

(Use reverse side if necessary)

Give legal location with distances and directions from adjacent sections or survey lines.

Labor — League —
Block — Survey —
Abstract No. —
(NW¼ NE¼ SW¼ SE¼) of Section —

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other Yard

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 50' ft. Depth of completed well 50' ft. Date drilled May 70
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 42 | Yellow Clay |
| 42 | 48 | Sand & Gravel |
| 48 | 50 | Blue Shale |

(Use reverse side if necessary)

9) Casing:
Type: Old — New ✓ Steel ✓ Plastic — Other —
Cemented from — ft. to — ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | 0 | 50' | 9# |

10) SCREEN:
Type —
Perforated — Slotted ✓

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check): Straight wall, Gravel packed ✓, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level — ft. below land surface Date —
Artesian pressure — lbs. per square inch Date —
Depth to pump bowls, cylinder, jet, etc., — ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? —
Yield: — gpm with — ft. drawdown after — hrs.
Bailer test — gpm with — ft. drawdown after — hrs.
Artesian flow — gpm
Temperature of water —

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? — depth of strata —

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS P. O. Box 516 (Street or RFD) Irving (City) Texas (State) 75060

(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drlg Contr (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

LG1170077

## Map ID 92: HIST - 1613 Upton Place

| | | |
|---|---|---|
| **Map ID: 92** | | **Source: TCEQ** |
| **Grid Number: 33-09-5** | **HIST - Historical Waterwell** | **Banks ID: 4811300283** |
| **Well Address: 1613 Upton Place, Irving, TX 75060** | | **Rel. Loc.: 3.51mi W** |
| **Completion Date: 1988-10-07** | | **Drill Depth: 60.0** |
| **Owner: Jerry Thorn** | | **Elevation: 469.16 ft (+60.24 ft)** |

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER JERRY THORN (Name) Address 1613 UPTON PLACE (Street or RFD) IRVING (City) TX (State) 75060 (Zip)

2) LOCATION OF WELL: County ~~TARRANT~~ DALLAS 2 miles in SSE (N.E., S.W., etc.) direction from IRVING (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 10 - 07 19 88 Completed 10 - 07 19 88

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 7 1/4 | Surface | 60 |
| | | |
| | | |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 10 ft. to 60 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | BROWN TOP SOIL |
| 2 | 15 | SANDY CLAY |
| 15 | 30 | SANDS. |
| 30 | 45 | GRAVEL + SAND |
| 45 | 50 | GRAVEL, SAND + SHALE |
| 50 | 60 | SHALE |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4" | N | PVC BLANK | 0 | 10 | 220 psi |
| 4 | N | PVC SLOTTED | 10 | 50 | SAW |
| 4 | N | PVC BLANK | 50 | 60 | 220 PSI |
| | | | | | |
| | | | | | |

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 5
_____ ft. to _____ ft. No. of Sacks Used _____
Method used HAND MIXED
Cemented by ROBERT BASS

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 30 ft. below land surface Date 10-07-88
Artesian flow _____ gpm. Date _____

12) PACKERS: Type N/A Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 40 ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 15 gpm with 5 ft. drawdown after 2 hrs.

RECEIVED
APR 18 1989
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME MINDERMAN'S WELL SERVICE (Type or Print) Water Well Driller's License No. 02210W

ADDRESS 1632 E. PRICE (Street or RFD) KELLER (City) TEXAS (State) 76248 (Zip)

(Signed) W L Minderman (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 33-09-5
Located on map _____

TWC-0392 (Rev. 06-10-86) TEXAS WATER COMMISSION COPY

4811300283

DALLAS COUNTY TEXAS
1975
IRVING
THORN

## Map ID 93: HIST - 309 S O' Connor Road

| | | |
|---|---|---|
| **Map ID: 93** | | **Source: TCEQ** |
| **Grid Number: 33-09-5** | **HIST - Historical Waterwell** | **Banks ID: 4811301935** |
| **Well Address: 309 S O' Connor Road, Irving, TX 75060** | | **Rel. Loc.: 3.53mi W** |
| **Completion Date: 1995-08-21** | | **Drill Depth: 63.0** |
| **Owner: Clay Gilbert** | | **Elevation: 482.28 ft (+73.36 ft)** |

Send original copy by certified mail to: TNRCC, P.O. Box ,7, Austin, TX 78711-3087 *Please use black ink.*

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

# State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** CLAY GILBERT (Name) **ADDRESS** 309 SOUTH O'CONNOR ROAD (Street or RFD) IRVING (City) TX (State) 75060 (Zip)

2) **ADDRESS OF WELL:** County DALLAS 309 SOUTH O'CONNOR ROAD (Street, RFD or other) IRVING (City) TX (State) 75060 (Zip) **GRID #** 33-09-05

(4)

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☑ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X N

6) **WELL LOG:**
Date Drilling: Started AUG 21 1995 Completed AUG 21 1995

**DIAMETER OF HOLE**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 7 1/4 | Surface | 63 |
| | | |
| | | |

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | TOP SOIL |
| 2 | 8 | SHALE & CLAY |
| 8 | 12 | GRAVEL & SANDS |
| 12 | 30 | SANDS |
| 30 | 35 | SAND & GRAVEL |
| 35 | 63 | GREY SHALE |

RECEIVED
AUG 28 1996
(Use reverse side if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 10 ft. to 63 ft.

**CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casting Screen |
|---|---|---|---|---|---|
| 4 | N | PVC BLANK | 0 | 10 | 220 PSI |
| 4 | N | PVC PERF | 10 | 50 | .020 |
| 4 | N | PVC BLANK | 50 | 60 | 220 PSI |
| | | | | | |

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 10 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used HAND MIXED
Cemented by MINDERMAN'S WELL SERVICE
Distance to septic system field lines or other concentrated contamination ft.
Method of verification of above distance

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☑ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 12 ft. below land surface Date 8-21-95
Artesian flow gpm. Date

12) **PACKERS:** Type: N/A Depth

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 50 ft.

14) **WELL TESTS:**
Type test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12 gpm with 20 ft. drawdown after 8 hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

**COMPANY NAME** MINDERMAN'S WELL SERVICE (Type or print) **WELL DRILLER'S LICENSE NO.** 2210WP

**ADDRESS** 1632 E. PRICE STREET (Street or RFD) KELLER (City) TX (State) 76248 (Zip)

**(Signed)** W J Minderman (Licensed Well Driller) **(Signed)** (Registered Driller Trainee)

**Please attach electric log, chemical analysis, and other pertinent information, if available.**

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

## Map ID 97: HIST - 309 W 16th Street

| | | |
|---|---|---|
| **Map ID: 97** | | **Source: TCEQ** |
| **Grid Number: 33-09-5Y** | **HIST - Historical Waterwell** | **Banks ID: 4811300280** |
| **Well Address: 309 W 16th Street, Irving, TX 75060** | | **Rel. Loc.: 3.61mi W** |
| **Completion Date: 1981-04-01** | | **Drill Depth: 57.0** |
| **Owner: W.H. Covington** | | **Elevation: 475.72 ft (+66.80 ft)** |

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 33-09-5Y
Located on map 465
Received: RWB

1) OWNER W. H. Covington (Name) Address 309 W 16th (Street or RFD) Irving Tx (City) 75060 (State) (Zip)

2) LOCATION OF WELL: County Dallas, 1 miles in S (N.E., S.W., etc.) direction from Irving (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 4-1-81

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 6 3/4 | Surface | 57 |
| | | |
| | | |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 10 ft. to 57 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 5 | Top Soil |
| 5 | 10 | Clay & Gravel |
| 10 | 45 | Sand & Gravel |
| 45 | 52 | Gravel & Shale |
| 52 | 57 | Shale |

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4 | N | P V C | 0 | 32 | sc40 |
| 4 | N | Slotted | 32 | 57 | 1/16 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CEMENTING DATA
Cemented from 0 ft. to 10 ft.
Method used Gravity
Cemented by C. K. Curtiss (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) C K Curtiss (Water Well Driller) Kentry Well Drilling (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4811300280

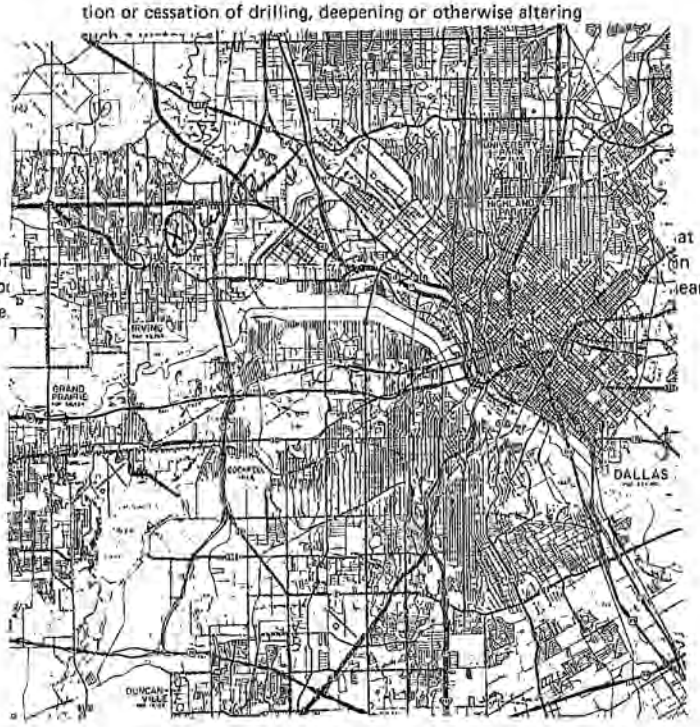
## HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering

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CR/TDWR

1981
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REC

## Map ID 99: HIST - 809 Rindie Street

| | | |
|---|---|---|
| **Map ID: 99** | | **Source: TCEQ** |
| **Grid Number: 33-09-5G** | **HIST - Historical Waterwell** | **Banks ID: 4811300266** |
| **Well Address: 809 Rindie Street, Irving, TX** | | **Rel. Loc.: 3.65mi W** |
| **Completion Date: 1972-04-01** | | **Drill Depth: 31.0** |
| **Owner: Bill Harris** | | **Elevation: 472.44 ft (+63.52 ft)** |

5G Dup GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-07-5G
Located on map Yes
Received: 7-1
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Bill Harris (Name) Address 809 Rindick Dr Irving Tex 60 (Street or RFD) (City) (State)

Landowner Same (Name) Address 809 Rindick (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

miles in ____ (NE, SW, etc.) direction from ____ (Town).

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☑ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Yard Well
Irrigation ☑ Test Well ☐ Other ☑

5) TYPE OF WELL (Check):
Rotary ☑ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 8" in. Depth drilled 31 ft. Depth of completed well 31 ft. Date drilled 4/62
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 25 | Clay |
| 25 | 28 | Gravel |
| 28 | 31' | Blue shale |
| | | (Yard Well) |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☑ Plastic ☐ Other ☐
Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4" | 0 | 31' | 9 1/2# |

10) SCREEN:
Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name ____
Type ____ H.P. ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

Address PO Box 516 (Street or RFD) Irving (City) Texas 75060 (State)

(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300266

## Map ID 106: HIST - 900 Nancy

| | | |
|---|---|---|
| **Map ID: 106** | | **Source: TCEQ** |
| **Grid Number: 33-09-5P** | **HIST - Historical Waterwell** | **Banks ID: 4811300269** |
| **Well Address: 900 Nancy, TX** | | **Rel. Loc.: 3.91mi W** |
| **Completion Date: 1968-06-15** | | **Drill Depth: 60.0** |
| **Owner: C.R. Niford** | | **Elevation: 479.00 ft (+70.08 ft)** |

5P GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-39-5P
Located on map yes
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Mr. C R Nifford. (Name) Address 900 NANCY DR. (Street or RFD) (City) (State)

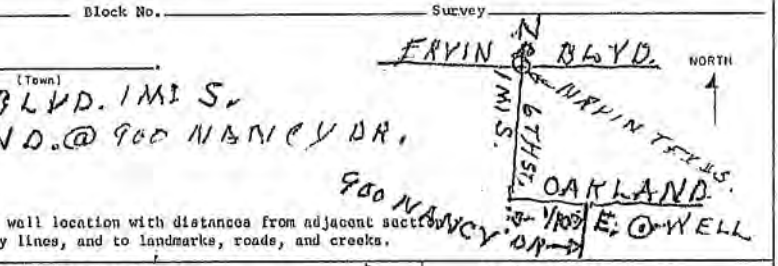
Landowner Mr. C. R. Nifford. (Name) Address Irwin Texas. (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County DALLAS Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from (Town).

STARTING @ ERVIN BLVD. 1MI S.
1/10 MI E. ON OAKAND. @ 900 NANCY DR.




Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well ☑ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☐ Driven ☐ Dug ☐ Cable ☑ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 8 in. Depth drilled 60 ft. Depth of completed well 60 ft. Date drilled 6-15-68

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 3 | 3' GRAY TOP SOIL |
| 3 | 12 | 9' YELLOW CLAY |
| 12 | 18 | 6' " SUGAR SAND. |
| 18 | 28 | 10' " SANDY CLAY |
| 28 | 46 | 18' " " GRAVEL |
| 46 | 51 | 5' WATER BARING GRAVEL |
| 51 | 60 | 9' HARD BLUE SHALE |

(Use reverse side if necessary)

7) COMPLETION (Check): Straight wall ☑ Gravel packed ☐ Other ☐ Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 25 ft. below land surface Date 6-15-68
Artesian pressure lbs. per square inch Date

9) CASING: USED BUT NOT OLD.
Type: old ☐ New ☐ Steel ☐ Plastic ☐ Other ☐
Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 7" O.D. | 0 | 51 | ¼ |

10) SCREEN:
Type
Perforated ☑ Slotted ☑

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | 45 | 51 | ¼ |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☑ No If yes by whom?
104 GAL BAILED IN 5 MIN
3' DRAW DOWN
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☑ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name
Type H.P.
Designed pumping rate gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.W. CAVE COAT (Type or Print) Water Well Drillers Registration No. 312

Address 315 Harwood Bldg. Dallas Texas 75217 (Street or RFD) (City) (State)

(Signed) C.W. Cavecoat (Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4811300269

## Map ID 107: HIST

| | | |
|---|---|---|
| **Map ID: 107** | | **Source: TCEQ** |
| **Grid Number: 33-09-3E** | **HIST - Historical Waterwell** | **Banks ID: 4811301969** |
| **Well Address: TX** | | **Rel. Loc.: 3.94mi N** |
| **Completion Date: 1965-03-01** | | **Drill Depth: 230.0** |
| **Owner: Winston White** | | **Elevation: 429.79 ft (+20.87 ft)** |

33 093E

File original copy with Texas Water Commission P. O. Box 12311, Capitol Station Austin, Texas 78711

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-3 E
Located on map Vol 5
By db Date 76
Map no.

1) Well Owner: Mr. Winston White (Name) Irving, Texas (Street or RFD / City / State)

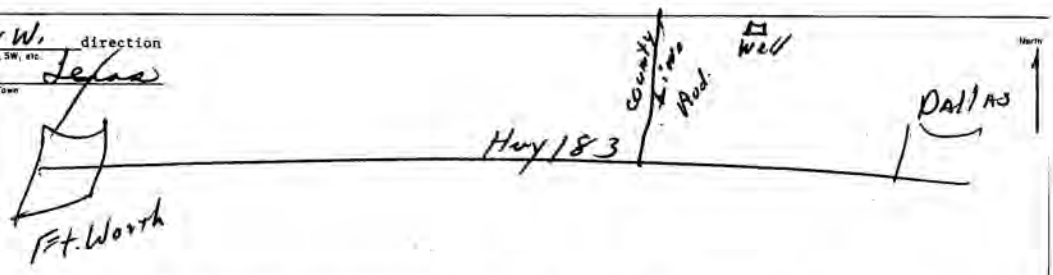
2) Land Owner: (Name / Street or RFD / City / State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Home

4) Location of well: County DALLAS Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ (Circle on many as are known) of Section Block No. Survey

3 miles in NW. (NE, SW, etc.) direction from Irving (Town) Texas




Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 6 3/4 in. Date drilled March, 1965

All measurements made from ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 0 | 31 | Black, brown & yellow clay | 185 | 205 | Gray shale & fine sand |
| 31 | 129 | Gray shale | 205 | 206 | Lime |
| 129 | 130 | White lime | 206 | 230 | Gray & yellow shale & fine sand |
| 130 | 145 | Gray & Blue shale | 230 | 231 | Lime |
| 145 | 146 | white lime | 231 | 295 | Gray, blue, yellow shale & aand |
| 146 | 165 | Gray & blue shale | 295 | 230 | Gray, blue & yellow shale |
| 165 | 175 | Gray shale & coal | | | |
| 175 | 185 | Gray shale & sand | | | (Use continuation sheets if necessary) |

## COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING

Type: Old ☐ New ☐
Cemented from 230 ft.
to 350 ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

SCREEN

Type
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Alfred L. Watts (Signature) Watts Drilling Company (Company Name) Reg. No. 177

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level 125'
ft. below ground level

Pumping level

| feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type Submega
Designed pumping rate 10 gpm ☒ gph ☐
Type power unit elect
Horsepower 1½
Depth to bowls, cylinder, jet, etc., 252 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

## Map ID 109: HIST

| | | |
|---|---|---|
| **Map ID: 109** | | **Source: TCEQ** |
| **Grid Number: 33-09-3E** | **HIST - Historical Waterwell** | **Banks ID: 4811300242** |
| **Well Address: TX** | | **Rel. Loc.: 3.95mi N** |
| **Completion Date: 1973-09-30** | | **Drill Depth: 402.0** |
| **Owner: Holloway Const. Co. #1** | | **Elevation: 429.79 ft (+20.87 ft)** |

330936 33-09-3E GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-3E
Located on map Yr S
Received: 74
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Holloway Const. Co #1 (Name) Address Hiway 114 at O'Connor Rd (Street or RFD) - IRVing, Tex (City) (State)

Landowner John Carpenter Estate (Name) Address Dallas Texas (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from City Limits, IRVing, Tex. (Town)

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☑

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 8 3/4 in. Depth drilled 402 ft. Depth of completed well 402' ft. Date drilled 9-30-73

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0' | 402' | Electric log, Copy attached (9-23-73) |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☑
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date
Artesian pressure ____ lbs. per square inch Date

9) CASING:
Type: old ☐ New ☑ Steel ☑ Plastic ☐ Other ☐
Cemented from 0 ft. to 402 ft.

10) SCREEN:
Type
Perforated ☑ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| | | | |

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name
Type H.P.
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

Address PO Box 516 (Street or RFD) IRVing (City) Texas 75060 (State)

(Signed) A. B. Hoipkemeier (Water Well Driller) Hoipkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

Q-80

## Map ID 110: HIST

| | | |
|---|---|---|
| **Map ID: 110** | | **Source: TCEQ** |
| **Grid Number: 33-09-8** | **HIST - Historical Waterwell** | **Banks ID: 4811300321** |
| **Well Address: TX** | | **Rel. Loc.: 3.96mi SW** |
| **Completion Date: 1986-09-01** | | **Drill Depth: 410.0** |
| **Owner: Arthur Broyles** | | **Elevation: 426.51 ft (+17.59 ft)** |

.4m: S/NL
.4m: E/WL

Please use blank ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Arthur Broyles (Name) Address 1624 Etain Rd. (Street or RFD) Irving (City) Tx. (State) 75060 (Zip)

2) LOCATION OF WELL:
County Dallas _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
2 ☑ See attached map. mapon 33-09-7

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 9-86

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| [redacted] | Surface | |
| 12¼ | 0 | 36 |
| 6½ | 36 | 410 |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 12 | Topsoil |
| 12 | 23 | Sand & Gravel |
| 23 | 40 | Blue Shell |
| 40 | 80 | Blue Shell |
| 80 | 100 | Blue Shell |
| 100 | 120 | Blue Shell |
| 120 | 140 | Blue Shell |
| 140 | 200 | Blue Shell |
| 200 | 207 | Blue Shell |
| 207 | 215 | Sand |
| 215 | 240 | Blue Shell & Sand streaks |
| 240 | 260 | Blue Shell & Sand Streaks |
| 260 | 323 | Sand |
| 323 | 340 | Blueshell & Sand streaks |
| 340 | 375 | Blue Shell & Sand |
| 370 | 385 | Blue Shell & sand streaks |
| 385 | 410 | Blue Shell |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 70 ft. to 410 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4½ | N | Plastic | +2½ | 410 | 40 |
| | | Perf | 220 | 410 | X16 |
| | | 7" Steel from 0 to 36' | | | |

9) CEMENTING DATA (Rule 319.44(b))
Cemented from +16" ft. to 70' ft.
_____ ft. to _____ ft.
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 180 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type none Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
OCT - 7 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Miller Drilling (Type or Print) Water Well Driller's License No. 2436

ADDRESS P. O. Box 7 (Street or RFD) Rhome (City) Tx (State) 76078 (Zip)

(Signed) Jimmy P. Miller (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 33-09-8
Located on map _____

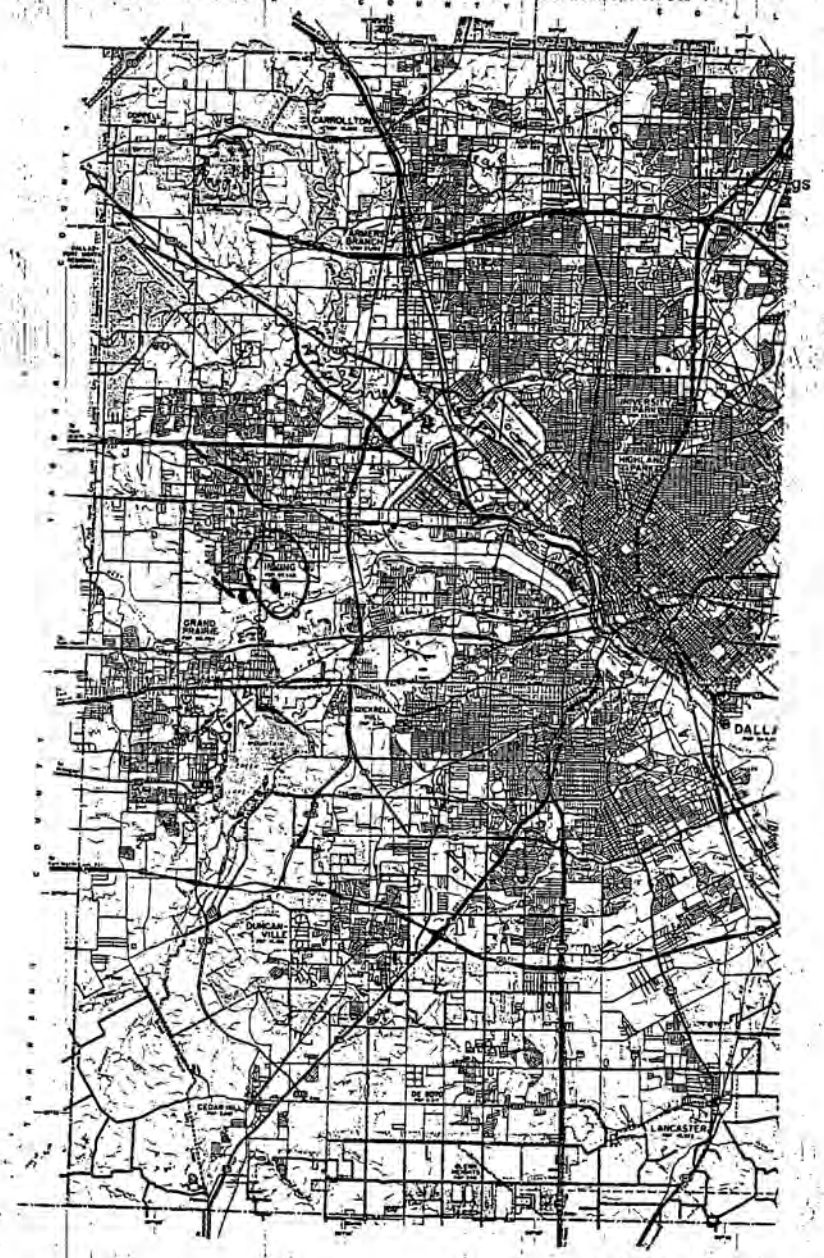
DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

## IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the department, and the owner thereof or the person having had



## Map ID 114: HIST

| | | |
|---|---|---|
| **Map ID: 114** | | **Source: TCEQ** |
| **Grid Number: 33-09-8A** | **HIST - Historical Waterwell** | **Banks ID: 4811300308** |
| **Well Address: TX** | | **Rel. Loc.: 4.05mi SW** |
| **Completion Date: 1966-11-14** | | **Drill Depth: 450.0** |
| **Owner: Herman H. Plattner** | | **Elevation: 426.51 ft (+17.59 ft)** |

8A nl GW 7

| Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711 | State of Texas<br>WATER WELL REPORT | For TWDB use only<br>Well No. 33-09-8A<br>Located on map Yes<br>Received: 66<br>Form GW 8 ____<br>Form GW 9 ____ |
|---|---|---|

1) OWNER:
Person having well drilled Dr. Herman H. Plattner (Name) Address 322 NE 8th. St. (Street or RFD) Grand Prairie (City) (State)

Landowner Same (Name) Address ____ (Street or RFD) ____ (City) ____ (State)

2) LOCATION OF WELL:
County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

1 miles in S (NE., SW., etc.) direction from Irving, Texas (Town)

NORTH ↑

See Attached Map

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☑ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☑ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☑ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 450 ft. Depth of completed well 450 ft. Date drilled 11-14-66

All measurements made from 1 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 3 | Top Soil |
| 3 | 25 | Brown Clay |
| 25 | 50 | Clay & Gravel Stks. |
| 50 | 66 | Sand & Gravel |
| 66 | 160 | Blue Shale |
| 160 | 167 | Shly Sand |
| 167 | 180 | Shale - Thin Sdy Stks. |
| 180 | 190 | Shly Sand - Fine Grain |
| 190 | 222 | Grey Shale |
| 222 | 243 | Broken Shly Sand |
| 243 | 326 | Grey Shale |
| 326 | 398 | Sand - Shly - Hard - Fine Grain |
| 398 | 404 | Sand - Med. Grain. - Soft. |
| 404 | 406 | Shale |
| 406 | 435 | Sand - Coarse Grain - Good |
| 435 | 450 | Shdy Sand |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☑

8) WATER LEVEL:
Static level 165 ft. below land surface Date 11-21-66
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☑ Plastic ☐ Other ☐
Cemented from 408 ft. to 0' ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½" | 0 | 408 | 9# |
| | | | |
| | | | |

10) SCREEN:
Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

11) WELL TESTS:
Was a pump test made? ☑ Yes ☐ No If yes by whom?
Myself

Yield: ____ gpm with ____ ft. drawdown after ____ hrs

Bailer test 12 gpm with 35 ft. drawdown after 2 hrs

Artesian flow ____ gpm Date 11-21-66

Temperature of water ____

Was a chemical analysis made? ☐ Yes ☑ No

Did any strata contain undesirable water? ☐ Yes ☑ No

Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name ____

Type ____ H.P. ____

Designed pumping rate ____ gpm ☐ gph ☐

Type power unit ____

Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

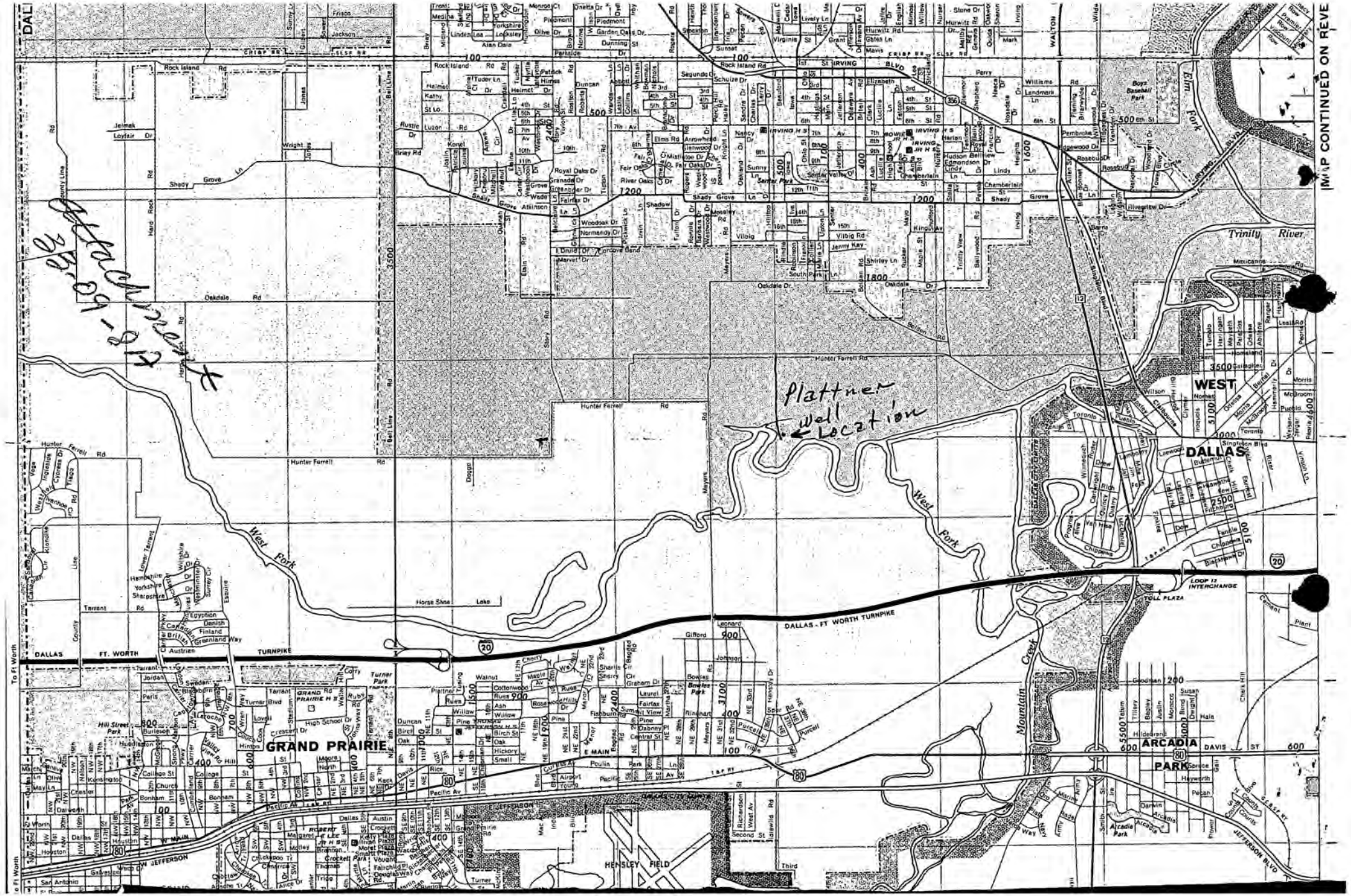
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME E. C. Stone (Type or Print) Water Well Drillers Registration No. 838

Address 306 N. Pecan St. (Street or RFD) Arlington (City) Texas (State)

(Signed) E. C. Stone (Water Well Driller) E. C. Stone Water Well Drlg. Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.




MAP CONTINUED ON REVE

## Map ID 119: HIST - 10709 Goodnight Lane

| | | |
|---|---|---|
| **Map ID: 119** | | **Source: TCEQ** |
| **Grid Number: 33-09-3B** | **HIST - Historical Waterwell** | **Banks ID: 4811300240** |
| **Well Address: 10709 Goodnight Lane, Dallas, TX** | | **Rel. Loc.: 4.11mi N** |
| **Completion Date: 1966-05-31** | | **Drill Depth: 20.0** |
| **Owner: A.J. Airoldi** | | **Elevation: 426.51 ft (+17.59 ft)** |

3B 1L GW 1

| Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711 | State of Texas<br>WATER WELL REPORT | For TWDB use only<br>Well No. 33-09-38<br>Located on map 10S<br>Received: 7-66<br>Form GW 8<br>Form GW 9 |
|---|---|---|

1) OWNER:
Person having well drilled A. J. Airoldi (Name) Address 8810 Harry Hines Blvd., Dallas, Tex. (Street or RFD) (City) (State)

Landowner A. J. Airoldi (Name) Address 8810 Harry Hines Blvd., Dallas, Tex. (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

miles in ____ (NE, SW, etc.) direction from ____ (Town).

10709 Goodnight Lane, Dallas, Texas

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6-1/4 in. Depth drilled 20 ft. Depth of completed well 20 ft. Date drilled 5-31-66
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 8 | Sandy Clay |
| 8 | 16 | Sand & gravel |
| 16 | 20 | Shale |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 5 ft. below land surface Date 5-31-66
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from — ft. to — ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ o.d. | 0 | 20 | 9# |

10) SCREEN:
Type None
Perforated ☒ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| 4½ o.d. | 15 | 16 | 1/8" |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test 5 gpm with 0 ft. drawdown after 1 hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name Deming-Div.Crane Co.
Type Shallow well centrifugal H.P. 1/2
Designed pumping rate 9-3/4 gpm ☒ 595gph ☒
Type power unit Electric motor
Depth to bowls, cylinder, jet, etc., 19 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME PIERCE PUMP COMPANY (Type or Print) Water Well Drillers Registration No. 401

Address 10715 Hines Blvd. (Street or RFD) Dallas (City) Texas (State)

(Signed) [signature] (Water Well Driller) PIERCE PUMP COMPANY (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

## Map ID 123: HIST - 714 N Justin Avenue

| | | |
|---|---|---|
| **Map ID: 123** | | **Source: TCEQ** |
| **Grid Number: 33-09-9** | **HIST - Historical Waterwell** | **Banks ID: 4811300323** |
| **Well Address: 714 N Justin Avenue, Dallas, TX 75211** | | **Rel. Loc.: 4.15mi S** |
| **Completion Date: 1990-05-01** | | **Drill Depth: 705.0** |
| **Owner: Dallas Calco Inc.** | | **Elevation: 521.65 ft (+112.73 ft)** |

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Dallas Calco Inc. (Name) Address 714 N. Justin (Street or RFD) Dallas (City) Tx. (State) 75211 (Zip)

2) LOCATION OF WELL:
County Dallas ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____
☑ See attached map.

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply
☑ Irrigation ☐ Test Well ☐ Injection ☐ Other ____

5) DRILLING METHOD (Check):
☐ Driven
☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored
☐ Air Rotary ☐ Cable Tool ☐ Other ____

6) WELL LOG:
Date Drilling: Started 5/1990 Completed 5/1990

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 7 7/8 | Surface | 705 |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 320 ft. to 705 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 4 | Black + Yellow Clay Topsoil |
| 4 | 8 | Yellow clay |
| 8 | 12 | Sandy yellow clay w/gravel |
| 12 | 20 | Yellow clay |
| 20 | 50 | Blue shale |
| 50 | 55 | Blue shale w/iron pyrite |
| 55 | 180 | Blue shale |
| 180 | 250 | Blue + gray shale |
| 250 | 265 | Blue shale w/lime Str. |
| 265 | 360 | Blue + gray shale |
| 360 | 380 | Sandy gray shale |
| 380 | 460 | gray shale |
| 460 | 500 | gray shale w/sand Str. |
| 500 | 520 | coarse sand |
| 520 | 550 | gray shale |
| 550 | 610 | gray shale w/sand Str. |
| 610 | 625 | coarse sand |
| 625 | 690 | gray shale w/sand Str. |
| 690 | 700 | coarse sand |
| 700 | 705 | gray shale |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 5½ | N | PVC | +2 | 705 | |
| | | Perf | 365 | 705 | 1/16 |

9) CEMENTING DATA (Rule 319.44(b))
Cemented from +1 ft. to 320 ft. No. of Sacks Used 40
____ ft. to ____ ft. No. of Sacks Used ____
Method used Trimmie Pipe
Cemented by T.E.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 360 ft. below land surface Date 5/90
Artesian flow ____ gpm. Date ____

12) PACKERS: Type ____ Depth NONE

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 460 ft.
5hp 3ph

14) WELL TESTS:
Type Test: ☐ Pump ☑ Bailer ☐ Jetted ☑ Estimated
Yield: 10 gpm with N.A ft. drawdown after 2 hrs.

RECEIVED
AUG 9 1990
TEXAS WATER COMMISSION
T.D.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Tom Evans Drilling (Type or Print) Water Well Driller's License No. 2483

ADDRESS Box 7 (Street or RFD) Rhome (City) Tx. (State) 76078 (Zip)

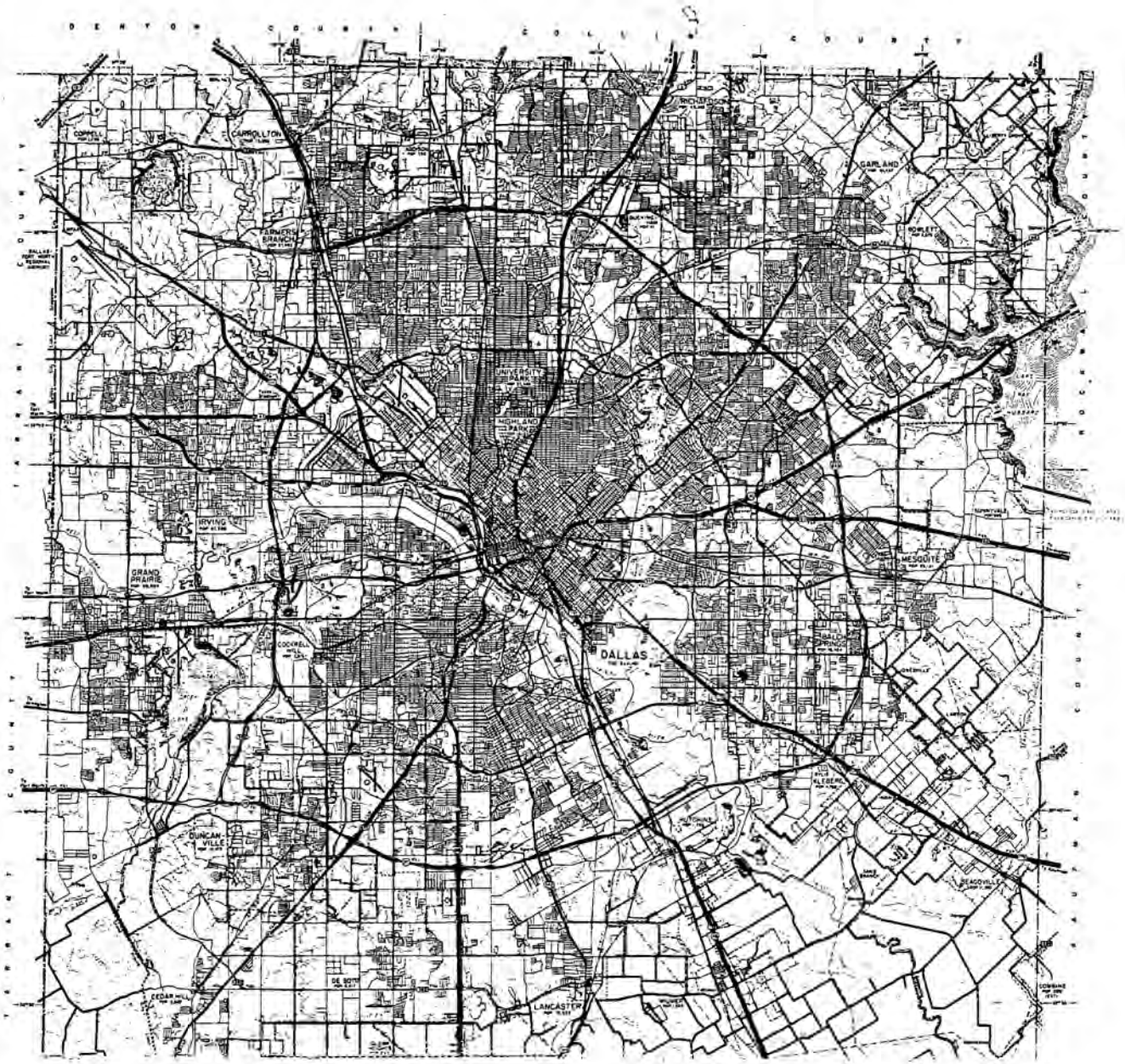
(Signed) Tom C. Evans (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 33-39-9
Located on map ____

WWD-012 (Rev.01-28-87)

TEXAS WATER COMMISSION COPY




LEGEND





KEY TO COUNTIES

GENERAL HIGHWAY MAP

# DALLAS COUNTY
# TEXAS

PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALES

1975

## Map ID 125: HIST - 1215 West Shady Grove Road

| | | |
|---|---|---|
| **Map ID: 125** | | **Source: TCEQ** |
| **Grid Number: 33-09-4** | **HIST - Historical Waterwell** | **Banks ID: 4811301934** |
| **Well Address: 1215 West Shady Grove Road, Irving, TX 75060** | | **Rel. Loc.: 4.17mi W** |
| **Completion Date: 2003-12-18** | | **Drill Depth: 40.0** |
| **Owner: Riaz Hassain** | | **Elevation: 479.00 ft (+70.08 ft)** |

**Attention Owner:** Confidentiality Privilege Notice on reverse side of owner's copy.

# Texas Department of Licensing and Regulation

*Water Well Driller/Pump Installer Section*
*P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616*
*Toll free (800)803-9202*
Email address: water.well@license.state.tx.us Web address: www.license.state.tx.us

This form must be completed and filed with the department and owner **within 60 days** upon completion of the well.

## WELL REPORT

### A. WELL IDENTIFICATION AND LOCATION DATA

**1) OWNER**

| Name: | Address: | City: | State: | Zip: |
|---|---|---|---|---|
| Riaz Hassain | 1215 Shady Grove Rd | Irving | TX | 75060 |

**2) WELL LOCATION**

| County: | Physical Address: | City: | State: | Zip: |
|---|---|---|---|---|
| Dallas 57 | 1215 Shady Grove Rd | Irving | TX | 75060 |

Lat. 32.8013 Long. 96.9629 Grid # 33 09 4

**3) Type of Work**
☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

**4) Proposed Use** (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply ☐ Stock or Livestock If Public Supply, were plans approved? ☐ Yes ☐ No

5) NT

**6) Drilling Date**
Started 12/18/03
Completed 12/18/03

**Diameter of Hole**

| Dia (in) | From (ft) | To (ft) |
|---|---|---|
| 8 1/4 | Surface | 40 |

**7) Drilling Method** (check)
☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☑ Hollow Stem Auger ☐ Reverse Circulation ☐ Other

| From (ft) | To (ft) | Description and color of formation material |
|---|---|---|
| 0 | 12' | Fill dirt |
| 12 | 25 | Brown Sandy Clay |
| 25 | 40 | Tan Sand |

RECEIVED
DEC 1 2004
TCEQ - CENTRAL FILE ROOM

(Use reverse side of Well Owner's copy, if necessary)

**8) Borehole Completion** ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other
Gravel packed interval from: 40 ft. to: 13 ft. Size: 20/40

**Casing, Blank Pipe, and Well Screen Data**

| Dia. (in.) | New Or Used | Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial | Setting (ft) From | Setting (ft) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 2 | New | PVC Screen | 40 | 15 | .010 |
| 2 | New | PVC Riser | 15 | 0 | 540 |

**9) Annular Seal Data:** i.e. *(from 0 ft to 100 ft #sacks & material 13 cement)*
from 40 ft. to 13 ft. #sacks & material 14 Sand
from 13 ft. to 2 ft. #sacks & material 4 Bentonite
from 2 ft. to 0 ft. #sacks & material 2 Concrete
Method Used Mix Performed By _____
Distance to septic field or other concentrated contamination _____ ft.
Distance to Property Line _____ ft Method Verified: _____

**10) Surface Completion** (If steel cased, leave blank)
☑ Surface Slab Installed ☐ Surface Sleeve Installed ☐ Pitless Adapter Used ☐ Alternative Procedure Used

**11) Water Level**
Static level _____ ft. Date: / /
Artesian Flow _____ gpm

**12) Packers:**

| Type | Depth | Type | Depth |
|---|---|---|---|
| | | | |

**13) Plugged** ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

| From (ft) | To (ft) | From (ft) | To (ft) | Material used & # Sacks |
|---|---|---|---|---|
| | | | | |

**14) Type Pump**
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet etc., _____ ft

**15) Water Test**
Type test ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft drawdown after _____ hrs.

**16) Water Quality**
Type of water _____ Depth of Strata: _____ Was a chemical analysis made? ☐ Yes ☐ No
Did you knowingly penetrate a strata which contains undesirable constituents? ☐ Yes ☑ No If yes, Continue:
**Check One:** ☐ Naturally poor-quality groundwater – type _____ ☐ Hydrocarbons (i.e. gas, oil, etc.) ☐ Hazardous material/waste contamination encountered ☐ Other (describe) _____

☐ *I certify that while drilling, deepening, or otherwise altering the above described well, undesirable water or constituents was encountered and the landowner was informed that such well must be completed or plugged in such a manner as to avoid injury or pollution.*

| Company & Individual's Name: (type or print) | SCF | Lic. No.: | |
|---|---|---|---|
| Address: 5524 Midway Rd #3 | City: Ft Worth | State: TX | Zip 76117 |

| Signature: Licensed Driller/Pump Installer | Date: / / | Signature: Apprentice | Apprentice Reg. Number |
|---|---|---|---|

TDLR FORM 001WWD / 9-03 *TDLR (Original)* *Landowner (copy)* *Driller/Pump Installer (copy)*

## Map ID 143: HIST - 1520 W 7th Street

| | | |
|---|---|---|
| **Map ID: 143** | | **Source: TCEQ** |
| **Grid Number: 33-09-4F** | **HIST - Historical Waterwell** | **Banks ID: 4811300251** |
| **Well Address: 1520 W 7th Street, Irving, TX** | | **Rel. Loc.: 4.44mi W** |
| **Completion Date: 1969-03-10** | | **Drill Depth: 48.0** |
| **Owner: F.D. Gilbreath** | | **Elevation: 469.16 ft (+60.24 ft)** |

4F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

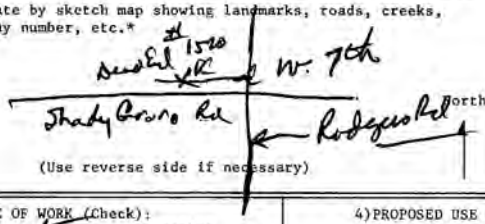
For TWDB use only
Well No. 33-09-4F
Located on map 4e. S.
Received: 6-9
DB

1) OWNER:
Person having well drilled F. D. Gilbreath (Name) Address 1520 W 7th (Street or RFD) Irving (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, ____ miles in Cutler (N.E., S.W., etc.) direction from Irving (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other (Yard)

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 48' ft. Depth of completed well 48' ft. Date drilled 3-10-69

All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 6' | Loam - |
| 6' | 21 | Yellow clay |
| 21 | 42 | - Sand |
| 42 | 46 | Large Gravel |
| 46 | 48 | Shale Blue |

9) Casing:
Type: Old New ✓ Steel Plastic Other

Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | To (ft.) | Gage |
|---|---|---|---|
| 0 | 48' | | 9# |

10) SCREEN:
Type ____

Perforated Slotted

| Diameter (inches) | Setting From (ft.) | To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____

Artesian pressure ____ lbs. per square inch Date ____

Depth to pump bowls, cylinder, jet, etc., ____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? ____

Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.

Artesian flow ____ gpm

Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hopkinson (Type or Print) Water Well Drillers Registration No. 11

ADDRESS 4445 N Hwy 183 (Street or RFD) Irving (City) Texas (State)

(Signed) A. B. Hopkinson (Water Well Driller) Hopkinson Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 144: HIST - 3731 La Joya

| | | |
|---|---|---|
| **Map ID: 144** | | **Source: TCEQ** |
| **Grid Number: 33-10-1A** | **HIST - Historical Waterwell** | **Banks ID: 4811300324** |
| **Well Address: 3731 La Joya, Dallas, TX 75220** | | **Rel. Loc.: 4.45mi NE** |
| **Completion Date: 1980-08-04** | | **Drill Depth: 41.0** |
| **Owner: Chas Tucker** | | **Elevation: 495.41 ft (+86.48 ft)** |

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

For TDWR use only
Well No. 33-10-1A
Located on map yes
Received: C.F.S.

1) OWNER Chas Tucker (Name) Address 3731 LaJoya (Street or RFD) Dallas (City) Texas (State) 75220 (Zip)

2) LOCATION OF WELL:
County Dallas, 7 miles in N (N.E., S.W., etc.) direction from Courthouse (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 8-4-80

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8 3/4 | Surface | 41 |
| | | |
| | | |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 18 ft. to 41 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 13 | Black Clay |
| 13 | 37 | Chalk Rock & Clay |
| 37 | 41 | Blue Shale |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Use reverse side if necessary)

CEMENTING DATA
Cemented from 0 ft. to 18 ft.
Method used Gravity
Cemented by C. K. Curtiss (Company or Individual)

9) WATER LEVEL:
Static level 16 ft. below land surface Date 8-4-80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

RECEIVED
JUL 10 1981
CR/TDWR

ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) C. K. Curtiss (Water Well Driller) Kentry Waterwells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

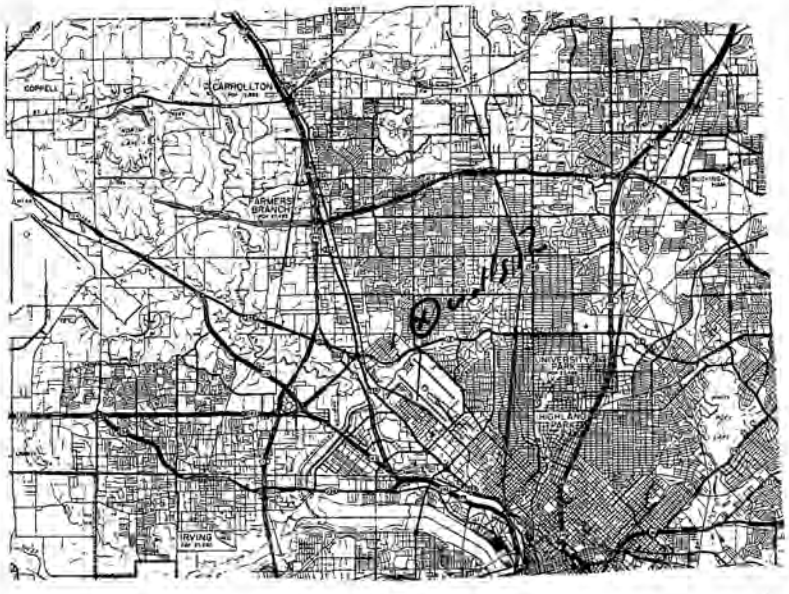
2) **LOCATION OF WELL:**

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2 of the TDWR-0392 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



## Map ID 145: HIST - 10737 Spangler Road

| | | |
|---|---|---|
| **Map ID: 145** | | **Source: TCEQ** |
| **Grid Number: 33-09-3C** | **HIST - Historical Waterwell** | **Banks ID: 4811301967** |
| **Well Address: 10737 Spangler Road, Dallas, TX** | | **Rel. Loc.: 4.45mi N** |
| **Completion Date: 1970-06-09** | | **Drill Depth: 523.0** |
| **Owner: Technical Chemical Co.** | | **Elevation: 426.51 ft (+17.59 ft)** |

33093C ~~33094C~~ GW 7

| Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711 | State of Texas<br>WATER WELL REPORT | For TWDB use only<br>Well No. 33-09-33<br>Located on map<br>Received:<br>Form GW 8<br>Form GW 9 |
|---|---|---|

1) OWNER:
Person having well drilled Techanical Chemical Co. (Name) Address 10737 Spangler Road, Dallas, Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

10 miles in N.W. (NE, SW, etc.) direction from center of City of Dallas (Town)

10737 Spangler Road, Dallas, Texas, which is approximately 1/2 mile north of Highway 114 and approximately 1 mile west of Highway 35E

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6-7/8" in. Depth drilled 523 ft. Depth of completed well 523 ft. Date drilled 6-9-70
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 16 | Sand and gravel streaks |
| 16 | 224 | Shale |
| 224 | 263 | Sand and rock streaks |
| 263 | 296 | Shale |
| 296 | 311 | Sand with shale streaks |
| 311 | 429 | Shale |
| 429 | 509 | Sand with some sandy shale |
| 509 | 513 | Rock |
| 513 | 523 | Shale |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☒ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 84 ft. below land surface Date 6-9-70
Artesian pressure ___ lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 451 ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½" o.d. | 0 | 451 | 9# |

10) SCREEN:
Type ~~Stainless steel~~ Underbar well screen
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| 1½" | 453 | 459 | |
| 1½" | 489 | 502 | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: ___ gpm with ___ ft. drawdown after ___ hrs
Bailer test ___ gpm with ___ ft. drawdown after ___ hrs
Artesian flow ___ gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? Woodbine depth of strata

12) PUMP DATA:
Manufacturer's Name Crane-Deming
Type Submersible H.P. 1½
Designed pumping rate 15 gpm ☒ gph ☐
Type power unit 230 volt, 1 phase
Depth to bowls, cylinder, jet, etc., 252 ft.
below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME J. W. Pierce (Type or Print) Water Well Drillers Registration No. 401

Address 10715 Hines Blvd., Dallas (Street or RFD) Dallas (City) Texas (State)

(Signed) J. W. Pierce (Water Well Driller) Pierce Pump Company, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

33-01-903

## Map ID 147: HIST

| | | |
|---|---|---|
| **Map ID: 147** | | **Source: TCEQ** |
| **Grid Number: 33-09-7C** | **HIST - Historical Waterwell** | **Banks ID: 4811300291** |
| **Well Address: TX** | | **Rel. Loc.: 4.48mi W** |
| **Completion Date: 1966-07-18** | | **Drill Depth: 315.0** |
| **Owner: Jack Gazin** | | **Elevation: 436.35 ft (+27.43 ft)** |

7C GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

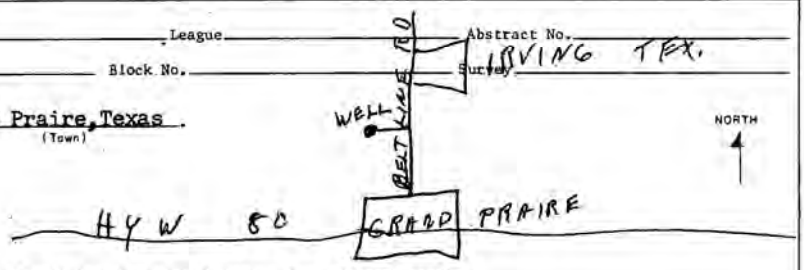
WATER WELL REPORT

For TWDB use only
Well No. 33-09-7C
Located on map yes
Received: 6 7
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Jack Gazin (Name) Address Grand Praire, Texas (Street or RFD) (City) (State)

Landowner ~~Bittle~~ (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.
NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey IRVING TEX.
(Circle as many as are known)
4 miles in N. (NE., SW., etc.) direction from Grand Praire, Texas (Town).




Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well ☒ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☒ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☒ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 315 ft. Depth of completed well 315 ft. Date drilled 7/18/66
All measurements made from 3 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 18 | Sand |
| 18 | 55 | Blue Shale |
| 55 | 63 | Iron Water Sand |
| 63 | 64 | Blue Shale |
| 64 | 295 | Black Shale |
| 295 | 304 | Rock |
| 304 | 315 | Woodbine Water Sand |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☒

8) WATER LEVEL:
Static level ____ ft. below land surface Date
Artesian pressure ____ lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 304 ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | 0 | 304 | |

10) SCREEN:
Type
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date
Temperature of water 70
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☒ Yes ☐ No
Type of water? Iron depth of strata 8

12) PUMP DATA:
Manufacturer's Name Reda
Type Submergible H.P. 3/4
Designed pumping rate 10 gpm ☒ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 168 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME V.O. Ward (Type or Print) Water Well Drillers Registration No. 471

Address P.O. Box 8291 (Street or RFD) Ft. Worth (City) Texas (State)

(Signed) V.O. Ward (Water Well Driller) Ward & Ward Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

## Map ID 149: HIST - 709 Bowmen

| | | |
|---|---|---|
| **Map ID: 149** | | **Source: TCEQ** |
| **Grid Number: 33-09-4J** | **HIST - Historical Waterwell** | **Banks ID: 5bf56a84-dbc5-41f9-945c-9627eae10c33** |
| **Well Address: 709 Bowmen, Irving, TX** | | **Rel. Loc.: 4.51mi W** |
| **Completion Date: 1970-05-01** | | **Drill Depth: 50.0** |
| **Owner: F.C. Warming** | | **Elevation: 475.72 ft (+66.80 ft)** |

4J

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

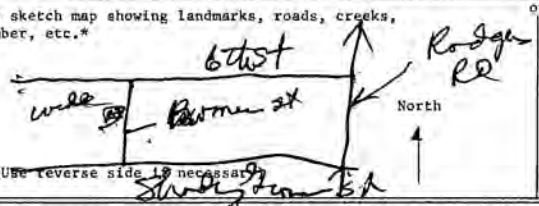
For TWDB use only
Well No. 33-09-4J
Located on map Yes
Received: 70
clir

1) OWNER:
Person having well drilled F.C. Warming (Name) Address 709 Bowmen (Street or RFD) (City) (State)

Landowner Fred C. Warming (Name) Address 709 Bowmen Rd Irving, TEX (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, miles in SW. (N.E., S.W., etc.) direction from City Hall (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 9" in. Depth drilled 50 ft. Depth of completed well 50' ft. Date drilled May 70

All measurements made from 0' ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 42 | yellow clay |
| 42 | 50 | Sand & Gravel to Shale |

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other

Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 6 5/8 | 0 | 50' | 13# |

10) SCREEN:
Type _____

Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall Gravel packed ✓ Other
Under reamed Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS PO Box 516 (Street or RFD) Irving (City) Texas (State) 75060

(Signed) A. B. Hoipkemier (Water Well Driller) A. B. Hoipkemier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 152: HIST

| | | |
|---|---|---|
| **Map ID: 152** | | **Source: TCEQ** |
| **Grid Number: 33-01-9C** | **HIST - Historical Waterwell** | **Banks ID: 4811300073** |
| **Well Address: TX** | | **Rel. Loc.: 4.52mi N** |
| **Completion Date: 1974-03-30** | | **Drill Depth: 40.0** |
| **Owner: Forest Lawn Cemetary** | | **Elevation: 446.19 ft (+37.27 ft)** |

33-01-9C 9C

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

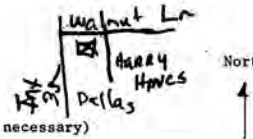
For TWDB use only
Well No. 33-01-9C
Located on map
Received: 7-1-74
ab

1) OWNER:
Person having well drilled Forest Lawn Cemetary (Name) Address 10715 Harry Hines (Street or RFD) Dallas (City) Texas (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, miles in in city limits (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well X; Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial; Municipal; Irrigation X; Test Well; Other

5) TYPE OF WELL (Check): Rotary; Driven; Dug; Cable; Jetted; Bored X

6) WELL LOG:
Diameter of hole 36" in. Depth drilled 40 ft. Depth of completed well 40' ft. Date drilled 3/30/74

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 1 | 15 | Black Dirt |
| 15 | 20 | Dark Brown Clay |
| 15 | 22 | Dark brown clay, lighter with depth |
| 22 | 40 | White Rock |

(Use reverse side if necessary)

9) Casing:
Type: Old; New X; Steel; Plastic; Other X
Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 30" ID | | | |

10) SCREEN:
Type
Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check):
Straight wall X; Gravel packed; Other
Under reamed; Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes; No X If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes; No X
Did any strata contain undesirable water? Yes; No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Liberty Drilling Company (Type or Print) Water Well Drillers Registration No. 1142

ADDRESS P.O. Box 648 (Street or RFD) Mesquite (City) Texas (State)

(Signed) Mike Leighton (Water Well Driller) Liberty Drilling Company (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDSE-WO-8

## Map ID 154: HIST

| | | |
|---|---|---|
| **Map ID: 154** | | **Source: TCEQ** |
| **Grid Number: 33-01-9A** | **HIST - Historical Waterwell** | **Banks ID: 4811301961** |
| **Well Address: TX** | | **Rel. Loc.: 4.53mi N** |
| **Completion Date:** | | **Drill Depth:** |
| **Owner: Forest Lawn Cemetary** | | **Elevation: 446.19 ft (+37.27 ft)** |

33-01-9A DUP

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-01-9A
Located on map YES
Received: TH

1) OWNER:
Person having well drilled Forest Lawn Cemetery (Name) Address 10977 HarryHinesBlvd, Dallas, Tx 75220 (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Harry Hines

Walnut Hill

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well X | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic | Industrial | Municipal | Irrigation X | Test Well | Other

5) TYPE OF WELL (Check):
Rotary X | Driven | Dug | Cable | Jetted | Bored

6) WELL LOG:
Diameter of hole ____ in. Depth drilled ____ ft. Depth of completed well ____ ft. Date drilled ____

All measurements made from ____ ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| See attached | | |

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel X | Plastic | Other

Cemented from 0 ft. to 503 ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| See attached | | | |

10) SCREEN:
Type ____

Perforated | Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|
| | | | |

7) COMPLETION (Check):
Straight wall | Gravel packed X | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____

Artesian pressure ____ lbs. per square inch Date ____

Depth to pump bowls, cylinder, jet, etc., ____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? ____

Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.

Artesian flow ____ gpm

Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME K. D. Watson (Kenneth Doyle) (Type or Print) Water Well Drillers Registration No. 1324

ADDRESS 5306 Harry Hines Blvd., Dallas (Street or RFD) (City) Texas 75235 (State)

(Signed) K D Watson (Water Well Driller) J. L. Myers Company, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

## Map ID 155: HIST

| | | |
|---|---|---|
| **Map ID: 155** | | **Source: TCEQ** |
| **Grid Number: 33-01-9A** | **HIST - Historical Waterwell** | **Banks ID: 4811301962** |
| **Well Address: TX** | | **Rel. Loc.: 4.53mi N** |
| **Completion Date: 1963-05-23** | | **Drill Depth: 40.0** |
| **Owner: Forest Lawn Cemetary** | | **Elevation: 446.19 ft (+37.27 ft)** |

33-01-9A

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-01-9A
Located on map [illegible]
By [illegible] Date 5-18-63
Map no. 57-199

1) Well Owner: Forest Lawn Cemetery (Name) 10977 Hines Blvd. (Street or RFD) Dallas (City) (State)

2) Land Owner: Same (Name) (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other Office; Some Sprinkling

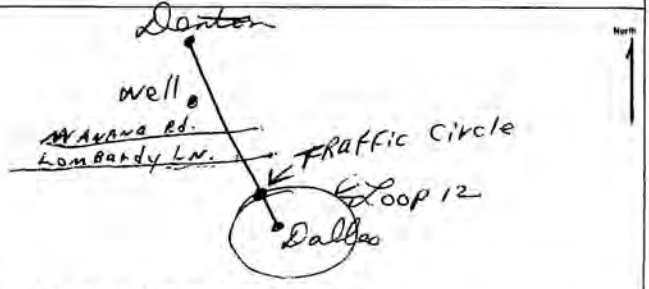
4) Location of well: County Dallas Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section _____ Block No. _____ Survey _____

_____ miles in _____ (NE, SW, etc) direction

from _____ (Town)

N. on US 77 from Loop 12 past ~~Loop~~ Manana Rd to Cemetery on left




Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 36 in. Date drilled 5-23

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 1 | 6 | Black Topsoil | | | |
| 6 | 17 | yellow and grey clay | | | |
| 17 | 21 | Sand & Gravel | | | |
| 21 | 40 | Blue Shale | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Use continuation sheets if necessary)

## COMPLETION DATA

### COMPLETION

Straight wall ☑
Under reamed ☐
Gravel packed ☑
Open hole ☐
Other _____

### CASING

Type: Old ☐ New ☑
Cemented from _____ ft.
to _____ ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 30 FD | 1 | 30 |
| | | |
| | | |
| | | |

### SCREEN

Type _____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

George Combs BYEE (Signature) COMBS DRILLING SERVICE (Company Name) Reg. No. _____

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level _____
ft. below _____

Pumping level

| feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type _____
Designed pumping rate _____ gpm ☐ gph ☐
Type power unit _____
Horsepower _____
Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

## Map ID 156: HIST - 2502 Glen Lea Dr.

| | | |
|---|---|---|
| **Map ID: 156** | | **Source: TCEQ** |
| **Grid Number: 33-09-1D** | **HIST - Historical Waterwell** | **Banks ID: 4811300229** |
| **Well Address: 2502 Glen Lea Dr., Irving, TX 75062** | | **Rel. Loc.: 4.53mi NW** |
| **Completion Date: 1981-04-03** | | **Drill Depth: 50.0** |
| **Owner: Harvy Oaks** | | **Elevation: 521.65 ft (+112.73 ft)** |

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 33-09-10
Located on map
Received:

1) **OWNER** Harvy Oaks (Name) Address 2502 Glen Lea Dr (2502 Glen Lea Dr.) Irving (City) Texas (State) 75062 (Zip)

2) **LOCATION OF WELL:** County Dallas 2 miles in N E (N.E., S.W., etc.) direction from Irving (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) **TYPE OF WORK** (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE** (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) **DRILLING METHOD** (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) **WELL LOG:**

Date drilled 4-3-81

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8 3/4 | Surface | 50 |
| | | |
| | | |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 10 | Red Clay |
| 10 | 20 | Sand & Clay |
| 20 | 28 | Clay & Gravel |
| 28 | 33 | Gravel |
| 33 | 37 | Gravel & Clay |
| 37 | 42 | Gravel |
| 42 | 45 | Shale & Gravel |
| 45 | 50 | Shale |

(Use reverse side if necessary)

7) **BOREHOLE COMPLETION:**
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 3 ft. to 50 ft.

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 6 | N | Plastic | 0 | 30 | Sc40 |
| 6 | N | Slotted | 30 | 50 | 1/16 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**CEMENTING DATA**
Cemented from 0 ft. to 3 ft.
Method used Gravity
Cemented by C. K. Curtiss (Company or Individual)

9) **WATER LEVEL:**
Static level 35 ft. below land surface Date 4-3-81
Artesian flow _____ gpm. Date _____

10) **PACKERS:** Type Depth

11) **TYPE PUMP:**
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) **WELL TESTS:**
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) _____ (Water Well Driller) Kentry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

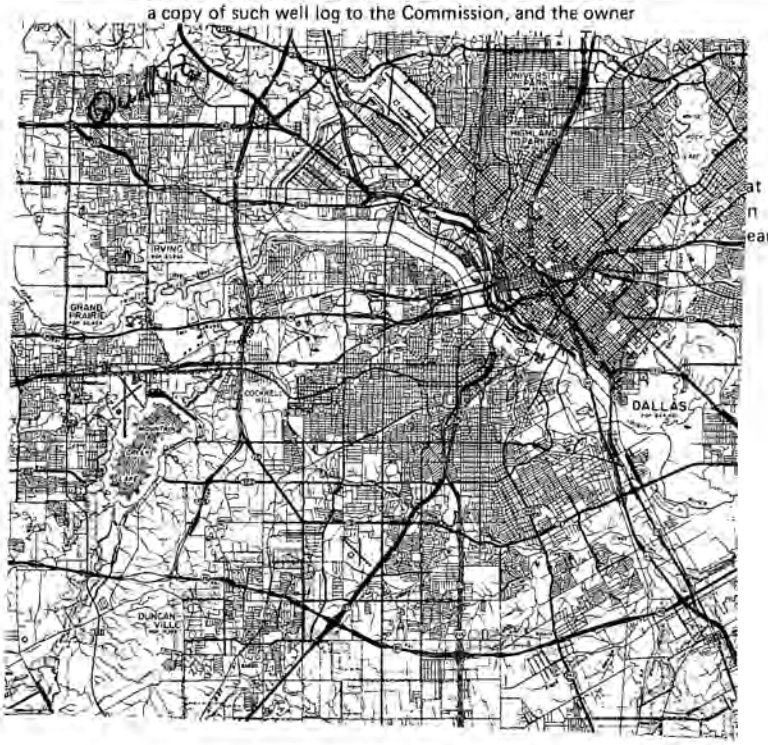
TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner




at
n
eans

RECEIVED
JUN 17 1982
CR/TDWR

## Map ID 158: HIST - 10977 Hines Blvd.

| | | |
|---|---|---|
| **Map ID: 158** | | **Source: TCEQ** |
| **Grid Number: 33-09-3H** | **HIST - Historical Waterwell** | **Banks ID: 4811300245** |
| **Well Address: 10977 Hines Blvd., Dallas, TX** | | **Rel. Loc.: 4.53mi N** |
| **Completion Date: 1971-04-01** | | **Drill Depth: 31.0** |
| **Owner: Charles S. Peeple** | | **Elevation: 446.19 ft (+37.27 ft)** |

33093H

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-3H
Located on map yes
Received: 71
dlf

1) OWNER:
Person having well drilled: Charles S. Peeple (Name) Address: 10977 Hines Blvd., Dallas, Texas (Street or RFD) (City) (State)

Landowner: Same (Name) Address: P. O. Box 900, Dallas, Texas (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Dallas, _____ miles in _____ (N.E., S.W., etc.) direction from in Dallas City limits (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

In Forest Lawn Cemetery
10977 Hines Blvd., Dallas, Texas

North ↑

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well X | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic | Industrial | Municipal | Irrigation X | Test Well | Other

5) TYPE OF WELL (Check):
Rotary | Driven | Dug | Cable | Jetted | Bored X

6) WELL LOG:
Diameter of hole 38 in. Depth drilled 31 ft. Depth of completed well 31 ft. Date drilled 4-1-71
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | Top soil |
| 2 | 14 | Gray clay |
| 14 | 18 | Sandy clay |
| 18 | 31 | Blue shale |

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel | Plastic | Other X concrete
Cemented from _____ ft. to _____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 34 | 0 | 32½ | |

10) SCREEN:
Type _____
Perforated | Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check):
Straight wall X | Gravel packed X | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level 12 ft. below land surface Date 4-2-71
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 25 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes X No If yes, by whom? Pierce Pump Co.
Yield: 15 gpm with 8 ft. drawdown after 2 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No X
Did any strata contain undesirable water? Yes | No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME J. W. Pierce (Type or Print) Water Well Drillers Registration No. 401

ADDRESS 10715 Hines Blvd. (Street or RFD) Dallas (City) Texas (State) 75220

(Signed) J. W. Pierce (Water Well Driller) Pierce Pump Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 160: HIST - 1301 Irvin Road

| | | |
|---|---|---|
| **Map ID: 160** | | **Source: TCEQ** |
| **Grid Number: 33-09-6** | **HIST - Historical Waterwell** | **Banks ID: 4811300257** |
| **Well Address: 1301 Irvin Road, Irving, TX 75060** | | **Rel. Loc.: 4.57mi W** |
| **Completion Date: 1994-01-28** | | **Drill Depth: 295.0** |
| **Owner: Rex Faulkner** | | **Elevation: 482.28 ft (+73.36 ft)** |

Send original by certified mail to: Texas Water Commission P.O. Box 13087, Austin, Texas 78711 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

# State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** REX FAULKNER (Name) **ADDRESS** 1301 IRVIN RD (Street or RFD) IRVING (City) TEXAS (State) 75060 (Zip)

2) **LOCATION OF WELL:** County DALLAS . 1 miles in SOUTH (NE, SW, etc.) direction from IRVING (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☒ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☒ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**

Date Drilling: Started JAN 3 19 94 Completed JAN 28 19 94

| DIAMETER OF HOLE | | |
|---|---|---|
| Dia. (in.) | From (ft.) | To (ft.) |
| 9½ | Surface | 50 |
| 7 7/8 | 50 | 160 |
| 6 3/4 | 160 | 295 |

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from 100 ft. to 295 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 2 | TOP SOIL |
| 2 | 8 | GRAY CLAY |
| 8 | 21 | SAND |
| 21 | 49 | SAND/GRAVEL |
| 49 | 225 | DARK GRAY SHALE |
| 225 | 285 | BROKEN SAND |
| 285 | 295 | SHALE |
| | 295 | T.D. |

*(Use reverse side if necessary)*

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casting Screen |
|---|---|---|---|---|---|
| 4 | N | PVC CASING | 0 | 235 | #40 |
| 4 | N | PVC SCREEN | 235 | 295 | .020 |

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from 0 ft. to 50 ft. No. of Sacks Used 5

_____ ft. to _____ ft. No. of Sacks Used _____

Method used PRESSURE

Cemented by DRILLER

RECEIVED
FEB 14 1994
TEXAS WATER COMMISSION

10) **SURFACE COMPLETION**

☒ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**

Static level 90 ft. below land surface Date JAN 1994

Artesian flow _____ gpm. Date _____

12) **PACKERS:**

| Type | Depth |
|---|---|
| BENTONITE PLUG SET | 95 to 100 |

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 200

14) **WELL TESTS:**

Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: 18 gpm with 50 ft. drawdown after 3 hrs.

15) **WATER QUALITY:**

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

**COMPANY NAME** SEA-LITE DRILLING CO (Type or print) **WELL DRILLER'S LICENSE NO.** W1820PKL

**ADDRESS** RR#2 BOX 416 (Street or RFD) CELINA (City) TEXAS (State) 75009 (Zip)

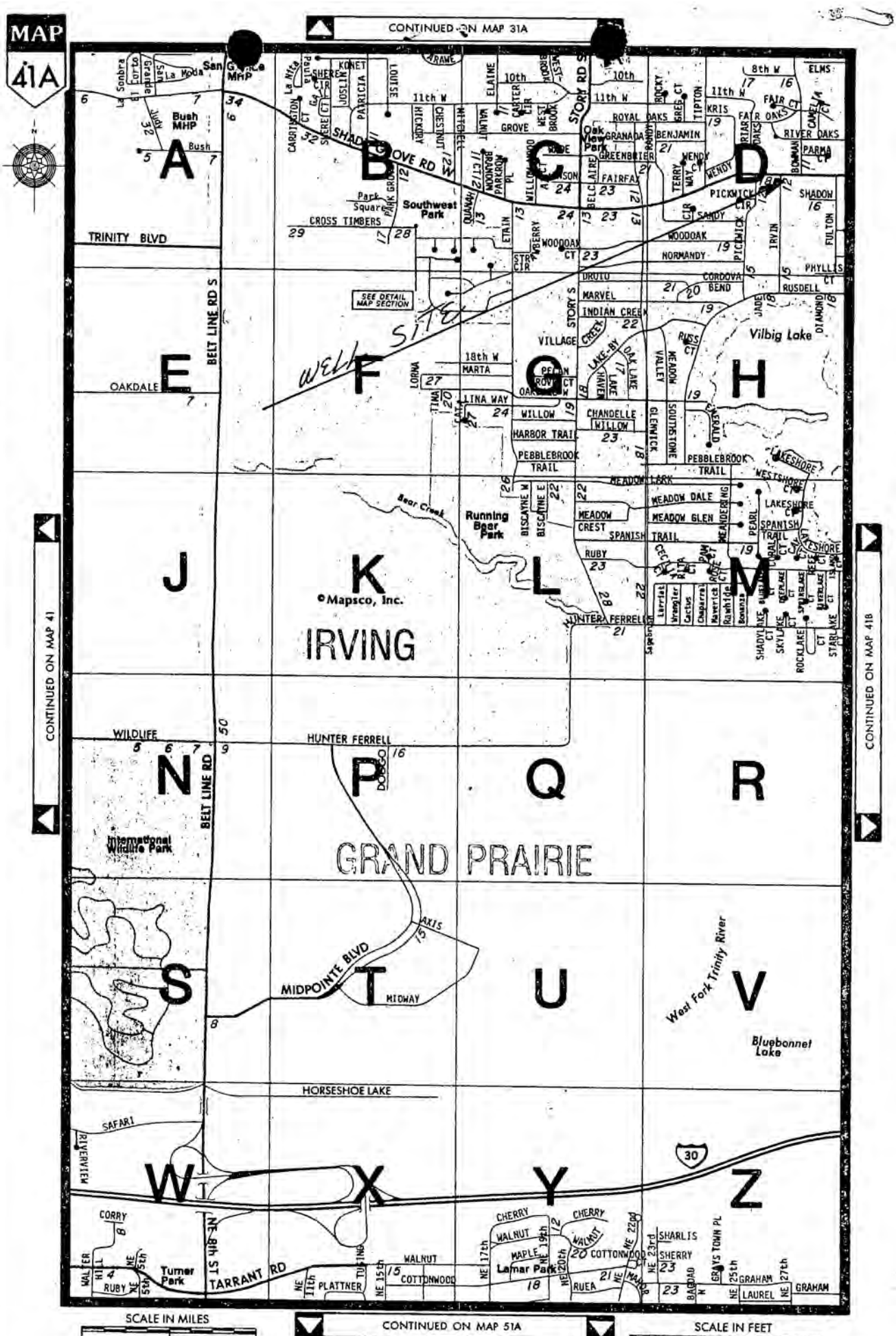
(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 33.09.6

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


MAP 41A
CONTINUED ON MAP 31A
CONTINUED ON MAP 41
CONTINUED ON MAP 41B
CONTINUED ON MAP 51A
©Mapsco, Inc.
IRVING
GRAND PRAIRIE
A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T
U
V
W
X
Y
Z
TRINITY BLVD
BELT LINE RD S
BELT LINE RD
OAKDALE
SHADY GROVE RD
Southwest Park
Running Bear Park
Vilbig Lake
West Fork Trinity River
Bluebonnet Lake
Lamar Park
Turner Park
International Wildlife Park
MIDPOINTE BLVD
HUNTER FERRELL
HORSESHOE LAKE
TARRANT RD
NE 8th ST
SEE DETAIL MAP SECTION
Bear Creek
SCALE IN MILES
0 1/8 1/4 3/8 1/2
SCALE IN FEET
0 1000 2000 3000
BOOK PAGE 1070
DETAIL MAP SECTION
STARTS ON INDEX PAGE 187

## Map ID 161: HIST - 1616 Canyon Oaks Drive

| | | |
|---|---|---|
| **Map ID: 161** | | **Source: TCEQ** |
| **Grid Number: 33-09-4K** | **HIST - Historical Waterwell** | **Banks ID: 4811300253** |
| **Well Address: 1616 Canyon Oaks Drive, Irving, TX** | | **Rel. Loc.: 4.59mi W** |
| **Completion Date: 1971-06-01** | | **Drill Depth: 33.0** |
| **Owner: Carroll McNeal** | | **Elevation: 501.97 ft (+93.04 ft)** |

4K

33-09-4K

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-4K
Located on map yes
Received: 7/1

1) OWNER:
Person having well drilled Carroll McNeal (Name) Address 1666 Canyon Creek Rd. Irving (Street or RFD) (City) Texas (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas in Irving city limits miles in (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

1660

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation ✓, Test Well, Other

5) TYPE OF WELL (Check): Rotary ✓, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 33 ft. Depth of completed well 33 ft. Date drilled 6/71

All measurements made from ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 28 | Clay |
| 28 | 33 | Sand & Gravel |

9) Casing:
Type: Old, New —, Steel, Plastic, Other

Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | | | 9 ga |

10) SCREEN:
Type

Perforated Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall, Gravel packed, Other
Under reamed, Open Hole

8) WATER LEVEL:
Static level ft. below land surface Date

Artesian pressure lbs. per square inch Date

Depth to pump bowls, cylinder, jet, etc., ft.

below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?

Yield: gpm with ft. drawdown after hrs.

Bailer test gpm with ft. drawdown after hrs.

Artesian flow gpm

Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112

ADDRESS P. O. Box 576 (Street or RFD) Irving (City) Texas (State)

(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

## Map ID 163: HIST - 321 Steeplchase

| | | |
|---|---|---|
| **Map ID: 163** | | **Source: TCEQ** |
| **Grid Number: 33-09-2E** | **HIST - Historical Waterwell** | **Banks ID: 4811300236** |
| **Well Address: 321 Steeplchase, Irving, TX 75262** | | **Rel. Loc.: 4.62mi NW** |
| **Completion Date: 1980-06-05** | | **Drill Depth: 350.0** |
| **Owner: Ray Glover** | | **Elevation: 508.53 ft (+99.61 ft)** |

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 33-09-2E
Located on map YES
Received: TH

1) **OWNER** Ray Glover (Name) Address 321 Steeplchase (Street or RFD) Irving (City) Texas (State) 75262 (Zip)

2) **LOCATION OF WELL:** County Dallas 12 1/2 miles in N W (N.E., S.W., etc.) direction from Dallas (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) **TYPE OF WORK** (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE** (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) **DRILLING METHOD** (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) **WELL LOG:**

Date drilled 6-5-80

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 6 3/4 | Surface | 350 |
| | | |
| | | |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 17 | Yellow Clay |
| 17 | 21 | Shale |
| 21 | 109 | Gray Clay |
| 109 | 111 | Sand |
| 111 | 123 | Clay |
| 123 | 126 | Sand |
| 126 | 217 | Clay |
| 217 | 221 | Sand |
| 221 | 233 | Clay |
| 233 | 247 | Sand & Clay |
| 247 | 259 | Rock |
| 259 | 320 | Shale |
| 320 | 345 | Sand |
| 345 | 350 | Shale |

(Use reverse side if necessary)

7) **BOREHOLE COMPLETION:**
☒ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 270 ft. to 350 ft.

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4 | N | P V C | 0 | 300 | sc40 |
| 4 | N | P V C Slotted | 300 | 350 | 1/16 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CEMENTING DATA
Cemented from 0 ft. to 20 ft.
Method used Gravity
Cemented by C. K. Curtiss (Company or Individual)

9) **WATER LEVEL:**
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) **PACKERS:** Type Depth

11) **TYPE PUMP:**
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) **WELL TESTS:**
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
MUDDY SEDIMENT

13) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) C. K. Curtiss (Water Well Driller) Kentry Waterwells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering
> [illegible] deliver or transmit by certified mail




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RECEIVED
JUN 9 1980
DEPT. OF
WATER RESOURCES

RECEIVED
SEP 22 1980
CR/TD

## Map ID 164: HIST

| | | |
|---|---|---|
| **Map ID: 164** | | **Source: TCEQ** |
| **Grid Number: 33-17-2B** | **HIST - Historical Waterwell** | **Banks ID: 4811302049** |
| **Well Address: TX** | | **Rel. Loc.: 4.63mi SW** |
| **Completion Date: 1970-03-30** | | **Drill Depth: 464.0** |
| **Owner: Ben Parks** | | **Elevation: 469.16 ft (+60.24 ft)** |

Dup
28

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas

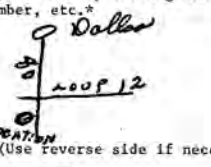
WATER WELL REPORT

For TWDB use only
Well No. 33-17-28
Located on map Ye S
Received: 76
DS

1) OWNER:
Person having well drilled Ben Parks (Name) Address P.O. Box 34410 (Street or RFD) Dallas (City), Texas (State)
Landowner Ben Parks (Name) Address P.O Box 34410 (Street or RFD) Dallas (City), Texas (State)

2) LOCATION OF WELL:
County Dallas, 1/4 miles in W (N.E., S.W., etc.) direction from Loop 12 ON Jefferson St. (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening / Reconditioning / Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial / Municipal / Irrigation / Test Well / Other

5) TYPE OF WELL (Check): Rotary ✓ Driven / Dug / Cable / Jetted / Bored

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 464 ft. Depth of completed well 464 ft. Date drilled 3-30-70
All measurements made from 3 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 60 | yellow Shale |
| 60 | 100 | Blue Shale |
| 100 | 175 | Grey Shale & lime Shale |
| 175 | 224 | Brown Shale & lime Shale |
| 224 | 226 | Blue Shale |
| 226 | 228 | lime |
| 228 | 245 | Broken Sand & Shale |
| 245 | 256 | Sand |
| 256 | 259 | lime |
| 259 | 273 | Shale & lime Strips |
| 273 | 283 | Sand |
| 283 | 444 | Brown Shale & lime Shale |
| 444 | 455 | Sand |

(Use reverse side if necessary)

9) Casing:
Type: Old / New ✓ Steel ✓ Plastic / Other
Cemented from 0 ft. to 464 ft.
Diameter (inches) 4½ Setting From (ft.) 0 To (ft.) 464 Gage 7.5 lb

10) SCREEN:
Type _____
Perforated ✓ / Slotted
Diameter (inches) / Setting From (ft.) / To (ft.) / Slot Size

7) COMPLETION (Check):
Straight wall / Gravel packed / Other ✓ Cemented & Perforated
Under reamed / Open Hole

8) WATER LEVEL:
Static level 320 ft. below land surface Date 3-30-70
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 400 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ No If yes, by whom? Operator
Yield: 20 gpm with 40 ft. drawdown after 1 hrs.
Bailer test 20 gpm with 40 ft. drawdown after 1 hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes / No ✓
Did any strata contain undesirable water? Yes / No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Gene M. Grumbles (Type or Print) Water Well Drillers Registration No. 1275
ADDRESS P.O. Box 151 (Street or RFD) MANSFIELD (City) TEXAS 76063 (State)
(Signed) Gene Grumbles (Water Well Driller) Swain & Son Well Service & Drilling (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

GW 9

File original with
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas
WATER WELL
COMPLETION AND PLUGGING REPORT

For TWDB use only
Well No.
Form GW 7 received
Form GW 8 received

1) Well Owner: Ben Parks. P.O. Box 34410 Dallas Tex.
Name Street or RFD City State

2) Landowner: " " " "
Name Street or RFD City State

3) Intended Use: Industrial ☐; Municipal ☐; Irrigation ☐; Domestic ☑; Stock ☐; Other

4) Location Of Well: County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as known)

½ miles in W direction from Loop 12. on Jefferson St.
(NE, SW, etc.) Town

from adjacent section or survey lines, or to landmarks, roads, and creeks.

COMPLETION AND PLUGGING DATA

5) Driller E.B. Geyer. Registration Number 852 Address Mansfield

6) Party Completing Or Plugging Well E.B. Geyer. Registration Number 852 Address "

7) Drilled 3-30 1970 Dug ☐; Cable Tool ☐; Rotary ☑; Other Owners Well Number 1

8) Diameter Of Hole 6¼ inches, from 0 to 444 feet, and inches, from to feet; Total depth feet.

9) Casing and Cement:

| Diameter (inches) | Set in Well | | Left in Well | | Cement Baskets or | Cement | |
|---|---|---|---|---|---|---|---|
| | From (feet) | To (feet) | From (feet) | To (feet) | Packers, Depth (feet) | From (feet) | To (feet) |
| 4½ | 0 | 470 | | | | 0 | 470 |
| | | | | | | | |
| | | | | | | | |

10) Well Log: All measurments made from 3 feet above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 60 | Yellow Clay |
| 60 | 100 | Blue Shale |
| 100 | 175 | Gray Shale Lime |
| 175 | 224 | Brn Shale Lime |
| 224 | 226 | Blue Shale |
| 226 | 228 | Lime |
| 228 | 245 | Brn Sand Shale |
| 245 | 256 | Sand |
| 256 | 259 | Lime |
| 259 | 273 | Shale Lime Stks |
| 273 | 283 | Sand |
| 283 | 444 | Lt Brn Shale |
| 444 | 455 | Sand |
| 455 | 465 | Shale |

11) Sketch Of Well: Show method of completion and/or plugging including all casing and cemented intervals.

12) Fresh Water-Bearing Zone(s): Depth in feet to top of 444-455, Thickness 11 feet.

13) Undesirable Water-Bearing Zone(s): Depth in feet to top of , Thickness feet.

14) Static Water Level(s) 320 feet below land surface. Was the water level measured after penetrating the first water-bearing zone ☐, or after drilling to total depth ☑? Check applicable box(s).

15) Describe in detail the type, volume and manner of placement of all cement. Indicate depth to top of cement behind each casing string. Describe and give percent of all cement additives: Well was cemented at from Bottom of Casing To Top of Surface.

16) Was undesirable water exclusion or retention or plugging program checked for adequacy?
If so describe method(s) used.

17) Attach electrical, gamma ray or other mechanical log(s), water analyses, and other pertinent data if available.

VALIDATION

18) We, the party performing the undesirable water exclusion ☐ retention ☐ plugging ☐ (Check applicable box) operations,
, and the landowner or party having well drilled, deepened or otherwise altered,
, certify that the undesirable water exclusion or retention or plugging operations were performed in the manner described above.

## Map ID 165: HIST

| | | |
|---|---|---|
| **Map ID: 165** | | **Source: TCEQ** |
| **Grid Number: 33-17-2B** | **HIST - Historical Waterwell** | **Banks ID: 4811300517** |
| **Well Address: TX** | | **Rel. Loc.: 4.63mi SW** |
| **Completion Date: 1969-03-01** | | **Drill Depth: 534.0** |
| **Owner: Hill Pet Shop** | | **Elevation: 469.16 ft (+60.24 ft)** |

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-17-3
Located on map
By Date
Map no.

1) Well Owner: Hill Pet Shop (Name) Hiway US 80 (Street or RFD) Dallas (City) Texas (State)

2) Land Owner: C-O. Eckland (Name) (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other

4) Location of well: County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section Block No. Survey

5 miles in E (NE, SW, etc.) direction from Grand Prairie (Town), Tex.

North

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 6¼ in. Date drilled March 1969

All measurements made from ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material |
|---|---|---|
| 0 | 21' | yellow Clay |
| 21' | 60' | Blokey chalk |
| 60 | 235 | Blue Gray shale |
| 235 | 252 | Sandy Hole |
| 252 | 317 | Broken shale & sand streaks |
| 317 | 350 | Gray shale |
| 350 | 381 | Sand & shale |
| 381 | 498 | Hd Limey shale |
| 498 | 502 | Hard lime rock |
| 502 | 534 | Sand |

(Use continuation sheets if necessary)

## COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other Gun Perforated

CASING

Type: Old ☐ New ☑
Cemented from 0 ft.
to 534 ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 4½ OD | 0 | 534 |
| | | |
| | | |
| | | |

SCREEN

Type
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

A. B. Hopkins (Signature) Hopkins Drilling Co. (Company Name) Reg. No. 112

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level
ft. below

Pumping level

| feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

Q-53

C-34 (62-4)

## Map ID 166: HIST - 4906 E Main Street

| | | |
|---|---|---|
| **Map ID: 166** | | **Source: TCEQ** |
| **Grid Number: 33-09-8** | **HIST - Historical Waterwell** | **Banks ID: 4811300320** |
| **Well Address: 4906 E Main Street, Grand Prairie, TX 75050** | | **Rel. Loc.: 4.63mi SW** |
| **Completion Date: 1986-05-01** | | **Drill Depth: 515.0** |
| **Owner: Marie Mims** | | **Elevation: 429.79 ft (+20.87 ft)** |

1 mi N/SL
12 mi W/EL

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Marie Mims (Name) Address 4906 East Grand Prairie (Street or RFD) (City) Tex (State) 75050 (Zip)

2) LOCATION OF WELL: County Dallas ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____
☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled May 1986

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 12" | Surface | 60 |
| 6 1/4 | 60 | 515 |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 3 | Black topsoil clay |
| 3 | 20 | Yellow clay |
| 20 | 43 | [redacted] Blue shale |
| 43 | 49 | Sand + gravel |
| 49 | 250 | Blue shale |
| 250 | 270 | Blue shale + sand streaks |
| 270 | 320 | Blue shale w/lime streaks |
| 320 | 380 | Blue shale + sand streaks |
| 380 | 480 | Blue shale w/lime + sand streak |
| 480 | 505 | coarse sand |
| 505 | 515 | Blue shale |

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 70 ft. to 515 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 8 5/8 | | Steel Surface | +9" | 60' | |
| 4 1/2 | | Sch 40 PVC | +2 | 515 | |
| | | Perf | 255 | 515 | 1/16 |

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 70 ft. to +1 ft.
____ ft. to ____ ft.
Method used ____
Cemented by ____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 270 ft. below land surface Date May 1986
Artesian flow ____ gpm. Date ____

12) PACKERS: Type ____ Depth
None

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 440' ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 10 gpm with N.A ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED
JUN 10 86
Texas Water Commission

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Tom Evans Drilling (Type or Print) Water Well Driller's License No. 2483

ADDRESS P.O. Box 401 (Street or RFD) Rhome (City) Tex (State) 76078 (Zip)

(Signed) Tom C. Evans (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 33-09-8
Located on map ____

DEPARTMENT OF WATER RESOURCES COPY

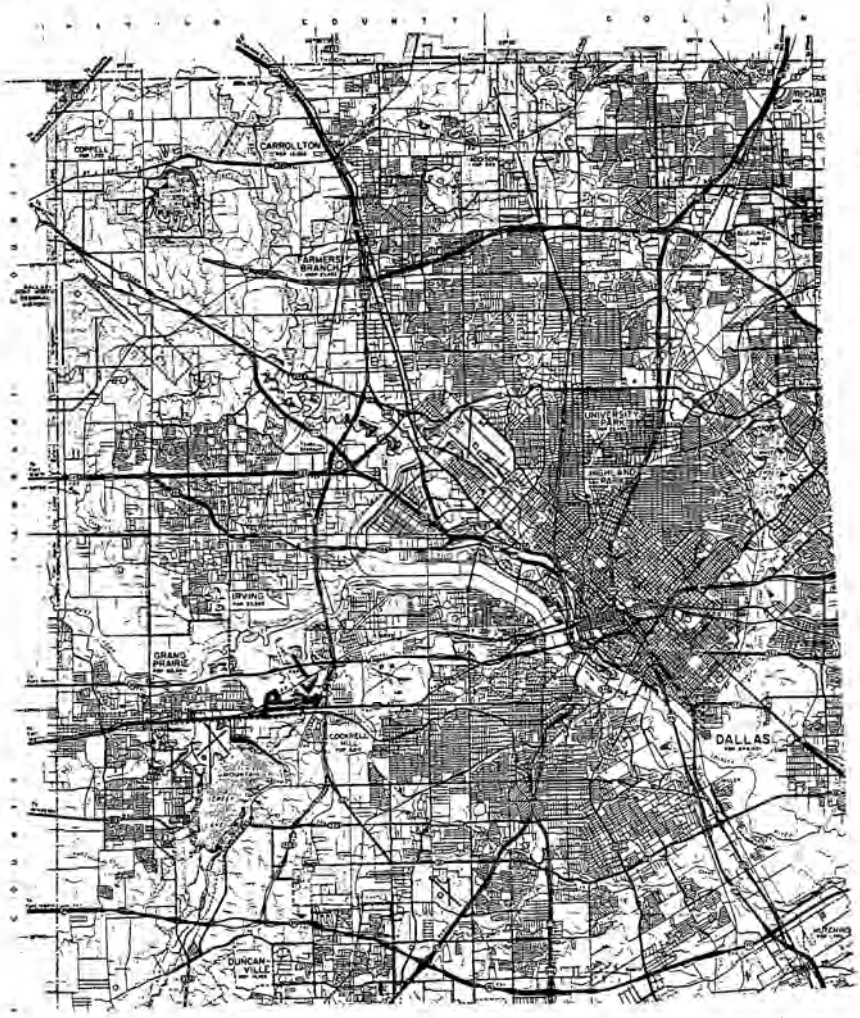
TDWR-0392 (12/29/83)

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the department, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a department copy, shall include the name, mailing address, and telephone number of the Board and the department. The well log required herein shall at the request in writing to the department, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.



## Map ID 167: HIST - 4906 E Main Street

| | | |
|---|---|---|
| **Map ID: 167** | | **Source: TCEQ** |
| **Grid Number: 33-09-8** | **HIST - Historical Waterwell** | **Banks ID: 4811300318** |
| **Well Address: 4906 E Main Street, Grand Prairie, TX 75050** | | **Rel. Loc.: 4.63mi SW** |
| **Completion Date: 1986-04-01** | | **Drill Depth: 506.0** |
| **Owner: Marie Mims** | | **Elevation: 429.79 ft (+20.87 ft)** |

11mi N/SL
12mi W/EL

*Please use black ink.*
Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Marie Mims (Name) Address 4906 East Grand Prairie (Street or RFD) (City) Tx. (State) 75050 (Zip)

2) LOCATION OF WELL: County Dallas ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____
☑ See attached map.

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:
Date drilled 4/86

DIAMETER OF HOLE

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 11½ | Surface | 45 |
| 6½ | 0 | 500 |

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 500 ft. to 200 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 20 | Yellow & black clay |
| 20 | 43 | Blue Shale |
| 43 | 46 | Gravel |
| 46 | 60 | Blue Shale & lime str. |
| 60 | 90 | Blue Shale |
| 90 | 120 | Shale & lime str. |
| 120 | 150 | Blue Shale |
| 150 | 190 | Shale & lime |
| 190 | 220 | Shale & lime str. |
| 220 | 250 | Sandy Shale |
| 250 | 290 | Blue Shale |
| 290 | 320 | Shale & lime str |
| 320 | 350 | lime |
| 350 | 380 | Sandy Shale |
| 380 | 400 | Coarse Sand |
| 400 | 430 | Blue Shale |
| 430 | 460 | Shale & lime str. |
| 460 | 480 | Sandy Shale |
| 480 | 500 | Sand & Shale str. |
| 500 | 506 | Shale & lime str. |

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfgr., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4" | New | Sch 40, perf. | ±2 | 500 | |
| | | | 300 | 500 | 1/16 |

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 200 ft. to +1 ft.
____ ft. to ____ ft.
Method used ____
Cemented by ____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 230 ft. below land surface Date ____
Artesian flow ____ gpm. Date ____

12) PACKERS: Type ____ Depth ____

RECEIVED
MAY 2 1986
TEXAS WATER COMMISSION
(Use reverse side if necessary)

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 10 gpm with 20 ft. drawdown after 1 hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Miles Drill. Co. (Type or Print) Water Well Driller's License No. 2156

ADDRESS Box 617 (Street or RFD) Rhome (City) Tx. (State) 76078 (Zip)

(Signed) Joe Miles (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 33-09-8
Located on map ____

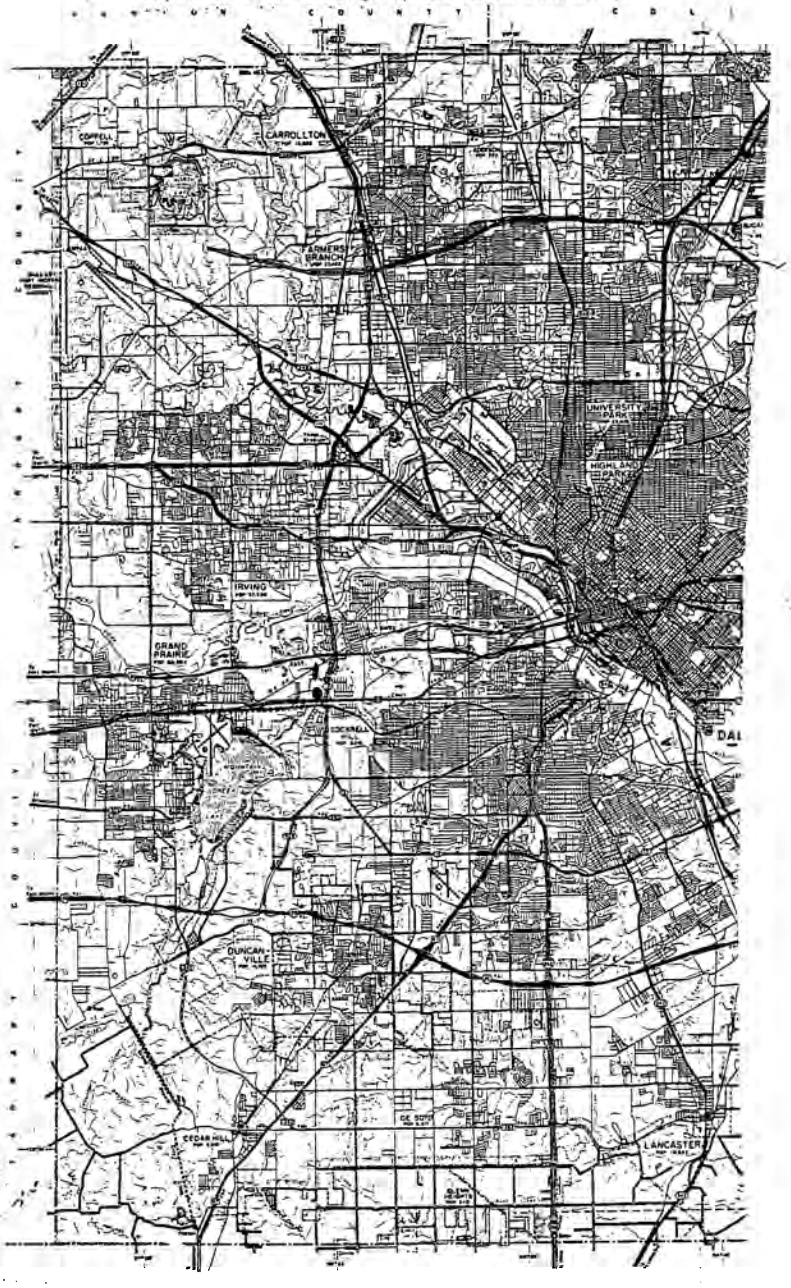
DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the department, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a department copy, shall include the name, mailing address, and telephone number of the Board and the department. The well log required herein shall at the



## Map ID 172: HIST

| | | |
|---|---|---|
| **Map ID: 172** | | **Source: TCEQ** |
| **Grid Number: 33-17-3A** | **HIST - Historical Waterwell** | **Banks ID: 4811300519** |
| **Well Address: TX** | | **Rel. Loc.: 4.71mi S** |
| **Completion Date: 1972-12-22** | | **Drill Depth: 50.0** |
| **Owner: Texas Auto Salvage** | | **Elevation: 593.83 ft (+184.91 ft)** |

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-17-3A
Located on map 1 x 2 S
Received: 73
dlr

1) OWNER:
Person having well drilled Texas Auto Salvage (Name) Address 6852 W. Jefferson (Street or RFD) Dallas (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas, ____ miles in in Dallas City Limits direction from ____ (Town)
(N.E., S.W., etc.)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*




(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____
Block ____ Survey ____
Abstract No. ____
(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well x | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic x | Industrial | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
Rotary | Driven | Dug | Cable | Jetted | Bored x

6) WELL LOG:
Diameter of hole 36": in. Depth drilled 50' ft. Depth of completed well 50' ft. Date drilled 12/22/72

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 1 | 15 | Dark Dirt |
| 15 | 22 | Dark Brown Dirt |
| 22 | 32 | Dark Brown Clay |
| 32 | 50 | Light Brown Clay |

(Use reverse side if necessary)

9) Casing:
Type: Old | New x | Steel | Plastic | Other x
Cemented from ____ ft. to ____ ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 32½" | | 50' | 2½" |

10) SCREEN:
Type ____
Perforated | Slotted

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot Size |
|---|---|---|---|

7) COMPLETION (Check):
Straight wall x | Gravel packed | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., ____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes | No x If yes, by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No x
Did any strata contain undesirable water? Yes | No
Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Liberty Drilling Company (Type or Print) Water Well Drillers Registration No. 1142

ADDRESS P.O. Box 648 (Street or RFD) Mesquite, (City) Texas 75149 (State)

(Signed) Harold Clark (Water Well Driller) Liberty Drilling Company (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

## Map ID 174: HIST - 10008 Goodyear

| | | |
|---|---|---|
| **Map ID: 174** | | **Source: TCEQ** |
| **Grid Number: 33-01-9B** | **HIST - Historical Waterwell** | **Banks ID: 4811300072** |
| **Well Address: 10008 Goodyear, Dallas, TX** | | **Rel. Loc.: 4.73mi N** |
| **Completion Date: 1966-05-31** | | **Drill Depth: 38.0** |
| **Owner: C.W. Cave** | | **Elevation: 462.60 ft (+53.67 ft)** |

33-01-9B GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-01-9B
Located on map YCS
Received: 7-66
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled C. W. Cave (Name) Address 10008 Goodyear (Street or RFD) Dallas (City) Texas (State)

Landowner C. W. Cave (Name) Address 10008 Goodyear (Street or RFD) Dallas (City) Texas (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE., SW., etc.) direction from (Town).

NORTH

10008 Goodyear, Dallas, Texas

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6-1/4 in. Depth drilled 38 ft. Depth of completed well 38 ft. Date drilled 5-31-66
All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 8 | Black dirt |
| 8 | 18 | Clay |
| 18 | 34 | Sand |
| 34 | 38 | Shale |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☒ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 20 ft. below land surface Date 5-31-66
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from NONE ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ o.d. | 0 | 38 | 9# |

10) SCREEN:
Type copper
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| 4½ o.d. | 31 | 34 | .050 |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: gpm with ft. drawdown after hrs
Bailer test 10 gpm with 3 ft. drawdown after 1 hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name Rapidayton
Type Centrifugal jet H.P. 1/3
Designed pumping rate 550 gpm ☐ gph ☒
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 37 ft.
below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME PIERCE PUMP COMPANY (Type or Print) Water Well Drillers Registration No. 401

Address 10715 Kines Blvd. (Type or Print) Dallas (City) Texas (State)

(Signed) (Water Well Driller) PIERCE PUMP COMPANY (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

23 K

## Map ID 176: HIST

| | | |
|---|---|---|
| **Map ID: 176** | | **Source: TCEQ** |
| **Grid Number: 33-09-7D** | **HIST - Historical Waterwell** | **Banks ID: 4811300292** |
| **Well Address: TX** | | **Rel. Loc.: 4.77mi SW** |
| **Completion Date: 1967-09-18** | | **Drill Depth: 220.0** |
| **Owner: C.B. Drinnan** | | **Elevation: 426.51 ft (+17.59 ft)** |

7D

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

# State of Texas

## WATER WELL REPORT

db

For TWDB use only
Well No. 71-34-7D
Located on map yes
Received: 67
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled C. B. Drinnan (Name) Address Rt. 2 Box 7 (Street or RFD) Grand Prairie, Tex. (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

1 miles in NW (NE, SW, etc.) direction from Grand Prairie, Tex. (Town)

NORTH

See Map on Back

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☑ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☑ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☑ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 386 ft. Depth of completed well 220 ft. Date drilled 9-18-67

All measurements made from 1 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 3 | Top Soil |
| 3 | 6 | Yellow Clay |
| 6 | 18 | Sand-Gravel |
| 18 | 92 | Blue Shale |
| 92 | 115 | Sand |
| 115 | 145 | Blue & Grey Shale |
| 145 | 214 | Grey Shale - Rkn Sdy Stks |
| 214 | 217 | Hd. Lmy Sand |
| 217 | 378 | Blue Shale - Thin Sdy Stks |
| 378 | 386 | Sdy Lime |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐ Logged + Perforated

8) WATER LEVEL:
Static level 60 ft. below land surface Date 9-20-67
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☑ Steel ☑ Plastic ☐ Other ☐
Cemented from 0 ft. to 220 ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | 0 | 220 | 9# |

10) SCREEN:
Type
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|

11) WELL TESTS:
Was a pump test made? ☐ Yes ☑ No If yes by whom?

Yield: gpm with ft. drawdown after hrs
Bailer test 24 gpm with 10 ft. drawdown after 1 hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☑ No
Did any strata contain undesirable water? ☐ Yes ☑ No
Type of water? depth of strata

12) PUMP DATA: Pump Installed By Ed Swaim Serv. Co.
Manufacturer's Name
Type H.P.
Designed pumping rate gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., ft.
below land surface.
E-LOG & GAMMA Ray

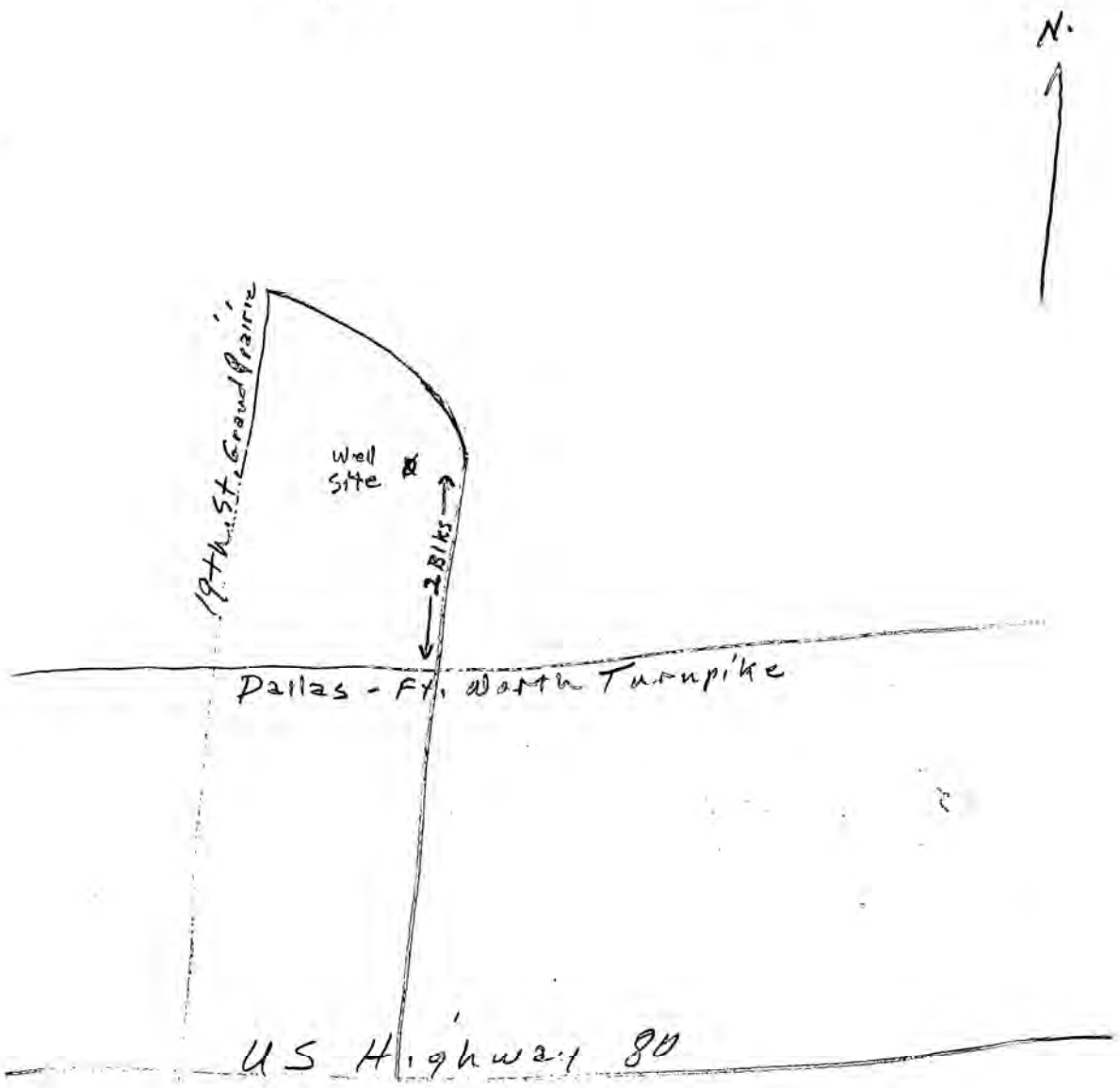
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME E. C. Stone (Type or Print) Water Well Drillers Registration No. 838

Address Rt. 1 Box 175 E. (Street or RFD) Mansfield (City) Tex. (State)

(Signed) E. C. Stone (Water Well Driller) Stone Water Well Drlg. Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.




RECEIVED
DEC -1 1967
Central Records
Texas Water Development Board

DEVELOPMENT BOARD
WATER
NOV 29 1967
RECEIVED

## Map ID 177: HIST - 3030 Ellen St.

| | | |
|---|---|---|
| **Map ID: 177** | | **Source: TCEQ** |
| **Grid Number: 33-09-2C** | **HIST - Historical Waterwell** | **Banks ID: 4811302026** |
| **Well Address: 3030 Ellen St., Irving, TX** | | **Rel. Loc.: 4.78mi NW** |
| **Completion Date: 1976-11-12** | | **Drill Depth: 50.0** |
| **Owner: Jim Haynes** | | **Elevation: 538.06 ft (+129.13 ft)** |

2C

File original copy with
Texas Water Commission
P. O. Box 12311, Capitol Station
Austin, Texas 78711

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-2C
Located on map 465
By LL Date 76
Map no.

1) Well Owner: Jim Haynes (Name) – 3030 Ellen St. (Street or RFD) – Irving (City) Tex. (State)

2) Land Owner: Same (Name) (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Lawn Sprinkling

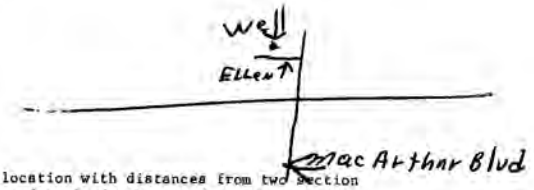
4) Location of well: County Dallas Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section ____ Block No. ____ Survey ____

____ miles in ____ (NE, SW, etc.) direction

from ____ (Town)

In Irving city limits (NW)




Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 36 in. Date drilled 11-12

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 1 | 5 | Black Topsoil | | | |
| 5 | 15 | Yellow Dirt | | | |
| 15 | 25 | Yellow Clay | | | |
| 25 | 50 | Blue Shale | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Use continuation sheets if necessary)

## COMPLETION DATA

COMPLETION

Straight wall ☑
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other ____

CASING

Type: Old ☐ New ☑
Cemented from ____ ft.
to ____ ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 30 ID | 1 | 50 |
| | | |
| | | |
| | | |

SCREEN

Type ____
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

George Comba (Signature) BYEE Comba Drilling Service (Company Name) Reg. No. 49

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level ____
ft. below ____

Pumping level

| feet | hours | gpm |
|---|---|---|
| | | |
| | | |
| | | |

Pump type ____
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit ____
Horsepower ____
Depth to bowls, cylinder, jet, etc., ____ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

C-34 (62-4)

## Map ID 178: HIST - 4402 E Jefferson

| | | |
|---|---|---|
| **Map ID: 178** | | **Source: TCEQ** |
| **Grid Number: 33-17-2C** | **HIST - Historical Waterwell** | **Banks ID: 4811300518** |
| **Well Address: 4402 E Jefferson, Grand Prairie, TX** | | **Rel. Loc.: 4.78mi SW** |
| **Completion Date: 1980-09-17** | | **Drill Depth: 60.0** |
| **Owner: Cecil Farris** | | **Elevation: 433.07 ft (+24.15 ft)** |

2C

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 33-89-2C
Located on map Yes
Received: C.F.S.

1) **OWNER** Cecil Ferris (Name) Address 4402 E. Jefferson (Street or RFD) Grand Prairie (City) Tx (State) (Zip)

2) **LOCATION OF WELL:** County Dallas 2 miles in E (N.E., S.W., etc.) direction from Grand Prairie (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) **TYPE OF WORK** (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE** (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) **DRILLING METHOD** (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) **WELL LOG:**

Date drilled 9-17-80

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8 3/4 | Surface | 60 |
| | | |
| | | |

7) **BOREHOLE COMPLETION:**
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 40 ft. to 60 ft.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 50 | Clay |
| 50 | 55 | Sand |
| 55 | 60 | Blue Clay |

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 6 | N | Plastic | 0 | 40 | 222 |
| 6 | N | Slotted | 40 | 60 | 1/16 |

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used Drilling Mud
Cemented by _____ (Company or Individual)

9) **WATER LEVEL:**
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) **PACKERS:** Type Depth

11) **TYPE PUMP:**
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

13) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) **WELL TESTS:**
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
MAR 10 1982
C.K./TDWR

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.K. Curtiss (Type or Print) Water Well Drillers Registration No. 1875

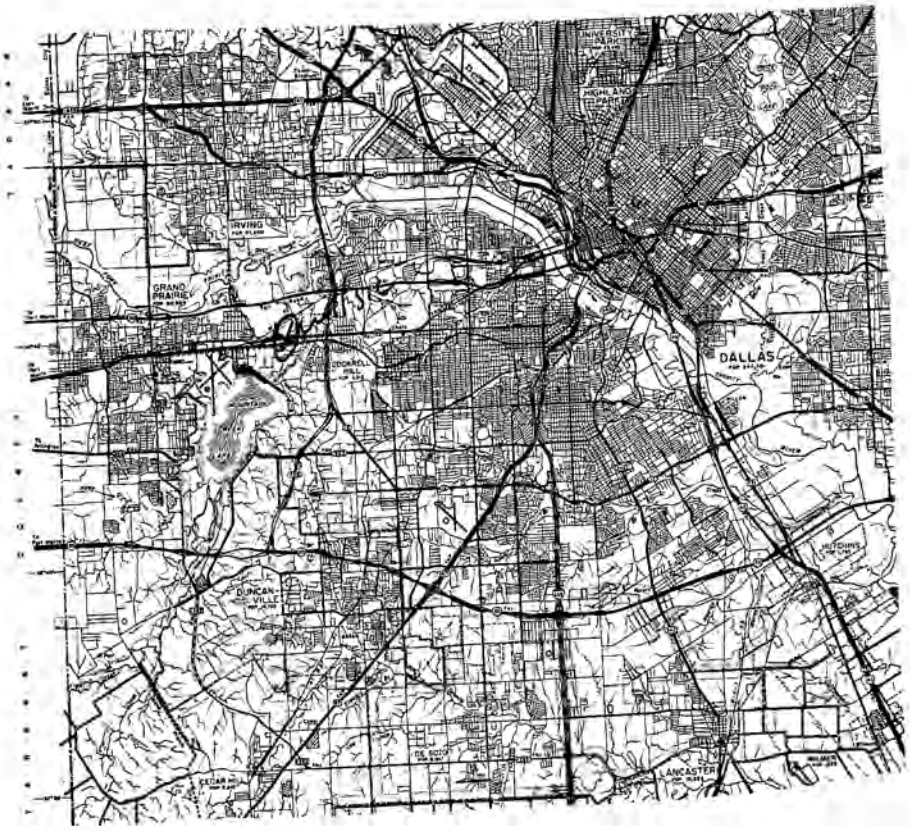
ADDRESS 520 North Haskell (Street or RFD) Dallas (City) Texas (State) 75246 (Zip)

(Signed) _____ (Water Well Driller) Kentry Waterwells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY




RECEIVED
OCT 28 1920
TEXAS DEPT.
OF
WATER RESOURCES

## Map ID 180: HIST

| | | |
|---|---|---|
| **Map ID: 180** | | **Source: TCEQ** |
| **Grid Number: 33-01-8E** | **HIST - Historical Waterwell** | **Banks ID: 4811300066** |
| **Well Address: TX** | | **Rel. Loc.: 4.79mi N** |
| **Completion Date: 1978-05-01** | | **Drill Depth: 420.0** |
| **Owner: Joe Canterbury** | | **Elevation: 426.51 ft (+17.59 ft)** |

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-01-8E
Located on map yes
Received: 7-81
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Joe Canterbury (Name) Address dlb Dallas (Street or RFD) (City) Tx (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from (Town)

NORTH

#1 on Dallas County map

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☑ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☑ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☑ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 420 ft. Depth of completed well 426 ft. Date drilled 5-78

All measurements made from 0 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 20 | Top soil & Brown Clay |
| 20 | 180 | Brely Shall |
| 180 | 192 | Med Sandy |
| 192 | 310 | Lime & Shale Streaks |
| 310 | 420 | Sandy Shall & Med Sand |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| | | (Use reverse side if necessary) |

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ____ ft. below land surface Date
Artesian pressure ____ lbs. per square inch Date

9) CASING:
Type: old ☐ New ☑ Steel ☐ Plastic ☑ Other ☐
Cemented from 215 ft. to 0 ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| 4½ | +1 | 420 | Sch 40 |

10) SCREEN:
Type
Perforated ☑ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| 4½ | 360 | 420 | 1/16" |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs

Bailer test ____ gpm with ____ ft. drawdown after ____ hrs

Artesian flow ____ gpm Date

Temperature of water

Was a chemical analysis made? ☐ Yes ☐ No

Did any strata contain undesirable water? ☐ Yes ☐ No

Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name

Type H.P.

Designed pumping rate gpm ☐ gph ☐

Type power unit

Depth to bowls, cylinder, jet, etc., ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

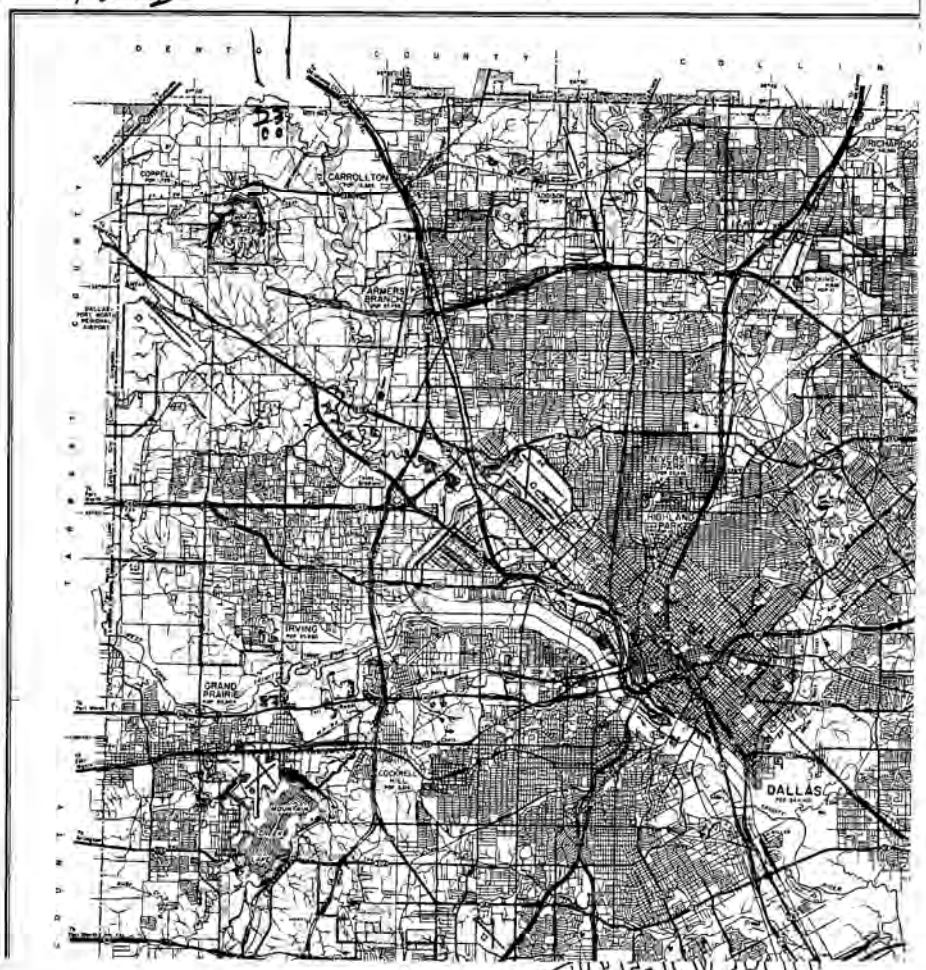
NAME Richard Young (Type or Print) Water Well Drillers Registration No. 1499

Address Box 97 (Street or RFD) Rhome (City) Tx (State)

(Signed) Richard Young (Water Well Driller) Young Drlg Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

123




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Texas Dept. of Water Resources

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DEPT. OF
WATER RESOURCES

## Map ID 185: HIST

| | | |
|---|---|---|
| **Map ID: 185** | | **Source: TCEQ** |
| **Grid Number: 33-09-2A** | **HIST - Historical Waterwell** | **Banks ID: 4811300233** |
| **Well Address: TX** | | **Rel. Loc.: 4.86mi NW** |
| **Completion Date: 1965-12-07** | | **Drill Depth: 391.0** |
| **Owner: J.E. Miller** | | **Elevation: 485.56 ft (+76.64 ft)** |

(1) (5)

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas

# DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 33-09-2A
Located on map NW
By [illegible] Date 66
Map no. 57

1) Well Owner: Dr. J. E. Miller, 6407 Forest Lane, Dallas, Texas 75230
(Name / Street or RFD / City / State)

2) Land Owner: Same
(Name / Street or RFD / City / State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other Farm

4) Location of well: County Dallas Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section _____ Block No. _____ Survey _____

5 miles in north (NE, SW, etc.) direction from Irving, Texas (Town) and on east side of O'Connor Road, 1/2 mile south of Royal Lane

North

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

## DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 6-3/4 in. Date drilled 12-7-65

All measurements made from 0 ft. above ground level.

| From (ft) | To (ft) | Description and color of formation material | From (ft) | To (ft) | Description and color of formation material |
|---|---|---|---|---|---|
| 0 | 33 | Clay | 337 | 368 | Sand |
| 33 | 180 | Shale | 368 | 374 | Sand with shale streaks |
| 180 | 202 | Sand with rock streaks | 374 | 386 | Sand |
| 202 | 209 | Shale | 386 | 391 | Shale |
| 209 | 246 | Sand with some sandy shale | | | |
| 246 | 279 | Shale | | | |
| 279 | 314 | Sand | | | |
| 314 | 337 | Shale | | | (Use continuation sheets if necessary) |

## COMPLETION DATA

### COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☒
Open hole ☐
Other _____

### CASING

Type: Old ☐ New ☒
Cemented from 0 ft.
to 349 ft.

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 4½" o.d. | +1' | 349' |
| | | |
| | | |
| | | |

### SCREEN

Type Stainless steel Underbar
Perforated ☐ Slotted ☒

| Diameter (inches) | Setting from (ft) | Setting to (ft) |
|---|---|---|
| 1½" I.D. | 351 | 366 |
| 1½" I.D. | 375 | 385 |
| | | |
| | | |

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

J. Pierce (Signature) PIERCE PUMP COMPANY (Company Name) Reg. No. 401

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

## WATER LEVEL AND PUMP DATA

Static water level 145'
ft. below ground line

Pumping level

| feet | hours | gpm |
|---|---|---|
| 169 | 1 | 40 |
| | | |
| | | |

Pump type Deming Fig. 6700 submersible pump
Designed pumping rate 580 gpm ☐ gph ☒
Type power unit Electric motor
Horsepower 1 HP
Depth to bowls, cylinder, jet, etc., 274 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: Well tested by and pump furnished and installed by Pierce Pump Company

C-34 (62-4)

## Map ID 187: HIST - 2021 Cordova Bend

| | | |
|---|---|---|
| **Map ID: 187** | | **Source: TCEQ** |
| **Grid Number: 33-09-4L** | **HIST - Historical Waterwell** | **Banks ID: 4811300254** |
| **Well Address: 2021 Cordova Bend, Irving, TX** | | **Rel. Loc.: 4.87mi W** |
| **Completion Date: 1976-08-20** | | **Drill Depth: 16.0** |
| **Owner: Robert U. Trocke** | | **Elevation: 439.63 ft (+30.71 ft)** |

4L

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

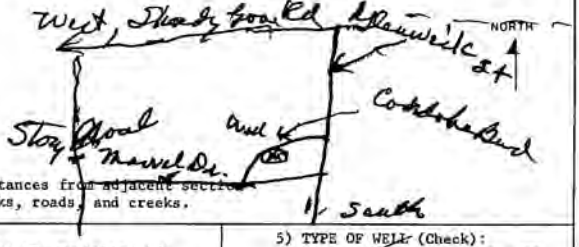
State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 33-09-4L
Located on map 4 E S
Received: 77
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Robt W. Trocke (Name) Address 2021 Condora Bend (Street or RFD) (City) (State)
Landowner Same (Name) Address Irving, Texas (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Dallas Labor League Abstract No.
NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)
miles in (NE., SW., etc.) direction from South Irving. (Town)




Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☐ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☑ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 8 3/4 in. Depth drilled 16 ft. Depth of completed well 16 ft. Date drilled 8-20-76
All measurements made from ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 12 | Surface Clay |
| 12 | 15 | Sdy Gravel |
| 15 | 16 | Shale |
| | | Yard Well |

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☑ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level ft. below land surface Date
Artesian pressure lbs. per square inch Date 8-

9) CASING:
Type: old ☐ New ☑ Steel ☐ Plastic ☐ Other ☐
Cemented from ft. to ft.

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Gage |
|---|---|---|---|
| | | | |

10) SCREEN:
Type
Perforated ☐ Slotted ☐

| Diameter (inches) | Setting From (ft.) | Setting To (ft.) | Slot size |
|---|---|---|---|
| | | | |

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name
Type H.P.
Designed pumping rate gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. B. Hoipkemeier (Type or Print) Water Well Drillers Registration No. 112
Address 3345 Ha Rock Rd. (Street or RFD) Grand Prairie (City) Texas (State)
(Signed) A. B. Hoipkemeier (Water Well Driller) A. B. Hoipkemeier Drlg Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

## Map ID 190: HIST

| | | |
|---|---|---|
| **Map ID: 190** | | **Source: TCEQ** |
| **Grid Number: 33-09-7** | **HIST - Historical Waterwell** | **Banks ID: 4811300299** |
| **Well Address: TX** | | **Rel. Loc.: 4.90mi W** |
| **Completion Date: 1986-09-01** | | **Drill Depth: 420.0** |
| **Owner: Westland Corp.** | | **Elevation: 433.07 ft (+24.15 ft)** |

# End of HIST Section

·8m: SINL
·5m: WIEL

*Please use black ink.*
Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

# State of Texas
# WATER WELL REPORT

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Westland Corp. (Name) Address 2901 Sandy Ln. G. Prairie (Street or RFD) (City) TX (State) 75050 (Zip)

2) LOCATION OF WELL: County Dallas ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____
☑ See attached map.

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled 4-86

| DIAMETER OF HOLE Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 12¼ | Surface | 36' |
| 6¼ | 36 | 420 |

| From (ft.) | To (ft.) | Description and color of formation material |
|---|---|---|
| 0 | 12 | Topsoil → sand & gravel |
| 12 | 20 | Blue Shell |
| 20 | 40 | Blue Shell |
| 40 | 60 | Blue Shell |
| 60 | 65 | Sand |
| 65 | 100 | Blue Shell |
| 100 | 108 | Blue Shell |
| 108 | 111 | Coal |
| 111 | 140 | Blue Shell |
| 140 | 180 | Blue Shell |
| 180 | 200 | Blue Shell & Lime streaks |
| 200 | 222 | Blue Shell |
| 222 | 240 | Blue Shell & Sand streaks |
| 240 | 260 | Blue Shell |
| 260 | 280 | Blue Shell & Sand streaks |
| 280 | 300 | Blue Shell & Sand |
| 300 | 320 | Sand |
| 320 | 340 | Sand & Blue Shell |
| 340 | 360 | Sandy Shell |
| 360 | 400 | Blue Shell |
| 400 | 420 | Blue Shell |

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(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 120 ft. to 420 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc., Perf., Slotted, etc. Screen Mgf., if commercial | Setting (ft.) From | Setting (ft.) To | Gage Casing Screen |
|---|---|---|---|---|---|
| 4½ | N | Plastic Perf | +8 | 420 | 40 |
| | | | 220 | 420 | X6 |
| | | Surface Casing | +2 | 40 | 7" |

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from +7 ft. to 47 ft.
____ ft. to ____ ft.
Method used ____
Cemented by ____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 160 ft. below land surface Date ____
Artesian flow ____ gpm. Date ____

12) PACKERS: Type Depth
Formation

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 215 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 10 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Miller Drilling (Type or Print) Water Well Driller's License No. 2436

ADDRESS P.O. Box 7 (Street or RFD) Rhome (City) TX (State) 76078 (Zip)

(Signed) Jimmy L. Miller (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 33-09-7
Located on map ____

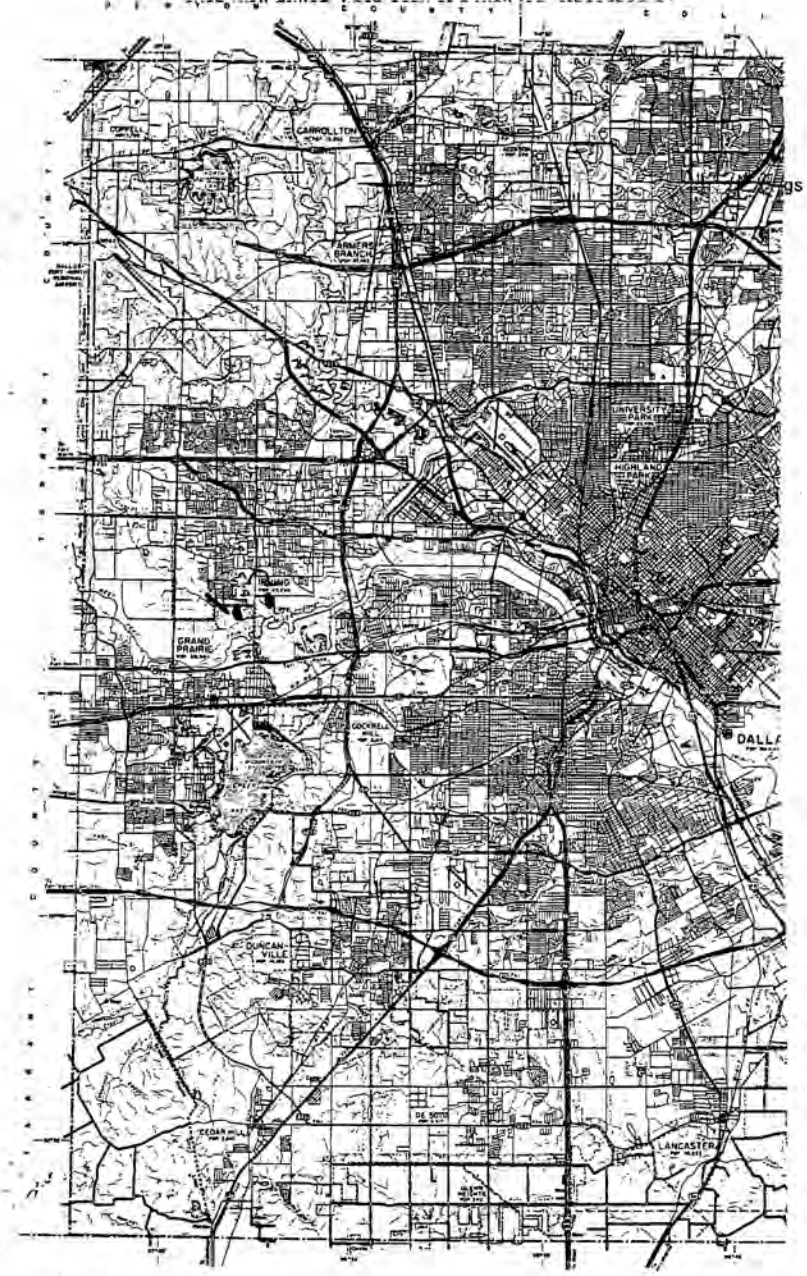
DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the department, and the owner thereof or the person having had



## Map ID 24: PWS

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

## PWS - Public Water Supply

| | | |
|---|---|---|
| **Map ID: 24** | | **Source: TCEQ** |
| **Water Source ID: S0570078A** | **PWS - Public Water Supply** | **Banks ID: S0570078A** |
| **Well Address: TX** | | **Rel. Loc.: 2.21mi N** |
| **Completion Date:** | | **Drill Depth:** |
| **Owner: DALLAS COUNTY PARK CITIES MUD** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570078 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | ACTIVE |
| **Source Status:** | OPERATIONAL |
| **Responsible Party:** | JOHN F STULL |
| **Responseible Party Address:** | 1811 REGAL ROW |
| **Responseible Party City:** | DALLAS |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 752352301 |
| **Phone:** | 2146528639 |
| **Tinwsys Number:** | 1264 |

## Map ID 32: PWS

| | | |
|---|---|---|
| **Map ID: 32** | | **Source: TCEQ** |
| **Water Source ID: S0570004C** | **PWS - Public Water Supply** | **Banks ID: S0570004C** |
| **Well Address: TX** | | **Rel. Loc.: 2.35mi N** |
| **Completion Date:** | | **Drill Depth:** |
| **Owner: DALLAS WATER UTILITY** | | **Elevation: 410.11 ft (+1.18 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570004 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | P0001 |
| **System Status:** | ACTIVE |
| **Source Status:** | OPERATIONAL |
| **Responsible Party:** | ERIC JOHNSON |
| **Responseible Party Address:** | 1500 MARILLA ST STE 5EN |
| **Responseible Party City:** | DALLAS |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 752016318 |
| **Phone:** | 2146703301 |
| **Tinwsys Number:** | 1237 |

## Map ID 51: PWS

| | | |
|---|---|---|
| **Map ID: 51** | | **Source: TCEQ** |
| **Water Source ID: G0570050A** | **PWS - Public Water Supply** | **Banks ID: G0570050A** |
| **Well Address: TX** | | **Rel. Loc.: 2.59mi W** |
| **Completion Date: 1972-07-07** | | **Drill Depth: 2250.0** |
| **Owner: CITY OF IRVING** | | **Elevation: 492.13 ft (+83.20 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570050 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | 12299 |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | RICK STOPFER |
| **Responseible Party Address:** | 825 W IRVING BLVD |
| **Responseible Party City:** | IRVING |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750602845 |
| **Phone:** | 9727212600 |
| **Tinwsys Number:** | 1258 |

## Map ID 117: PWS

| | | |
|---|---|---|
| **Map ID: 117** | | **Source: TCEQ** |
| **Water Source ID: G0570050B** | **PWS - Public Water Supply** | **Banks ID: G0570050B** |
| **Well Address: TX** | | **Rel. Loc.: 4.09mi W** |
| **Completion Date: 1971-09-29** | | **Drill Depth: 2170.0** |
| **Owner: CITY OF IRVING** | | **Elevation: 498.69 ft (+89.76 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570050 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | 12299 |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | RICK STOPFER |
| **Responseible Party Address:** | 825 W IRVING BLVD |
| **Responseible Party City:** | IRVING |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750602845 |
| **Phone:** | 9727212600 |
| **Tinwsys Number:** | 1258 |

## Map ID 168: PWS

| | | |
|---|---|---|
| **Map ID: 168** | | **Source: TCEQ** |
| **Water Source ID: G0570180A** | **PWS - Public Water Supply** | **Banks ID: G0570180A** |
| **Well Address: TX** | | **Rel. Loc.: 4.65mi SW** |
| **Completion Date:** | | **Drill Depth:** |
| **Owner: TEXAS SPORTS COMPLEX** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570180 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | INACTIVE |
| **Source Status:** | PUBLIC WATER SYSTEM: INACTIVE |
| **Responsible Party:** | |
| **Responseible Party Address:** | |
| **Responseible Party City:** | |
| **Responseible Party State:** | |
| **Responseible Party Zip:** | |
| **Phone:** | |
| **Tinwsys Number:** | 12601 |

## Map ID 192: PWS

| | | |
|---|---|---|
| **Map ID: 192** | | **Source: TCEQ** |
| **Water Source ID: G0570166B** | **PWS - Public Water Supply** | **Banks ID: G0570166B** |
| **Well Address: TX** | | **Rel. Loc.: 4.92mi SW** |
| **Completion Date: 1955-06-08** | | **Drill Depth: 950.0** |
| **Owner: FORTERRA PRESSURE PIPE GRAND PRAIRIE** | | **Elevation: 433.07 ft (+24.15 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570166 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | DARREN W DUNKER |
| **Responseible Party Address:** | 1003 MACARTHUR BLVD |
| **Responseible Party City:** | GRAND PRAIRIE |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750507943 |
| **Phone:** | 9722663600 |
| **Tinwsys Number:** | 1275 |

## Map ID 194: PWS

| | | |
|---|---|---|
| **Map ID: 194** | | **Source: TCEQ** |
| **Water Source ID: G0570166D** | **PWS - Public Water Supply** | **Banks ID: G0570166D** |
| **Well Address: TX** | | **Rel. Loc.: 4.93mi SW** |
| **Completion Date: 2020-12-29** | | **Drill Depth: 450.0** |
| **Owner: FORTERRA PRESSURE PIPE GRAND PRAIRIE** | | **Elevation: 433.07 ft (+24.15 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570166 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | |
| **System Status:** | ACTIVE |
| **Source Status:** | OPERATIONAL |
| **Responsible Party:** | DARREN W DUNKER |
| **Responseible Party Address:** | 1003 MACARTHUR BLVD |
| **Responseible Party City:** | GRAND PRAIRIE |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750507943 |
| **Phone:** | 9722663600 |
| **Tinwsys Number:** | 1275 |

## Sites in Map ID 194 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | TX | 571 |
| SDR | Thompson Pipe Group | 1004 MacArthur Blvd, Grand Prarie, TX 75050 | 720 |

## Map ID 196: PWS

| | | |
|---|---|---|
| **Map ID: 196** | | **Source: TCEQ** |
| **Water Source ID: G0570050C** | **PWS - Public Water Supply** | **Banks ID: G0570050C** |
| **Well Address: TX** | | **Rel. Loc.: 4.96mi W** |
| **Completion Date: 1972-01-06** | | **Drill Depth: 2117.0** |
| **Owner: CITY OF IRVING** | | **Elevation: 492.13 ft (+83.20 ft)** |

| | |
|---|---|
| **Pws Id:** | 0570050 |
| **Hyperlink:** | Go to webpage |
| **Fips Cd:** | 113 |
| **Ccn:** | 12299 |
| **System Status:** | ACTIVE |
| **Source Status:** | PLUGGED |
| **Responsible Party:** | RICK STOPFER |
| **Responseible Party Address:** | 825 W IRVING BLVD |
| **Responseible Party City:** | IRVING |
| **Responseible Party State:** | TX |
| **Responseible Party Zip:** | 750602845 |
| **Phone:** | 9727212600 |
| **Tinwsys Number:** | 1258 |

# End of PWS Section

## Map ID 3: SDR - 1308 West Mockingbird Lane

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

## SDR - Submitted Drillers Report

**Map ID: 3**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 151902**

**SDR - Submitted Drillers Report**

**Banks ID: 151902**

**Well Address: 1308 West Mockingbird Lane, Dallas, TX**

**Rel. Loc.: 1.43mi NE**

**Completion Date: 2008-08-25**

**Drill Depth: 750.0**

**Owner: Comerica Bank**

**Elevation: 413.39 ft (+4.46 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | 420 |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2008-08-20 |
| **Company Name:** | Sweet-Water Well Service |
| **Driller Name:** | Travis Hazlewood |
| **Commentary:** | |

### Bore Hole Completion

| Well Report Tracking Number | Bore Hole Completion | Bore Hole Completion Other Desc |
|---|---|---|
| 151902 | Filter Packed | |
| 151902 | Straight Wall | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 151902 |
| **Diameter:** | 8.75 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 750 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 151902 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 151902 |
| **Measurement:** | 279 |

# STATE OF TEXAS WELL REPORT for Tracking #151902

| | | | |
|---|---|---|---|
| Owner: | **Comerica Bank** | Owner Well #: | **1** |
| Address: | **1308 West Mockingbird Lane Dallas, TX** | Grid #: | **33-10-4** |
| Well Location: | **1308 West Mockingbird Lane Dallas, TX** | Latitude: | **32° 49' 18" N** |
| | | Longitude: | **096° 51' 41" W** |
| Well County: | **Dallas** | Elevation: | **420 ft. above sea level** |
| Type of Work: | **New Well** | Proposed Use: | **Industrial** |

Drilling Start Date: **8/20/2008** Drilling End Date: **8/25/2008**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.75** | **0** | **750** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed; Straight Wall**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **640** | **750** | **Gravel** | **8 - 16** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **3** |
| **2** | **215** | **40 sx portland** |
| **625** | **640** | **11 sx holeplug** |

Seal Method: **tremie and mix and pour**

Sealed By: **SWWS**

Distance to Property Line (ft.): **60**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **visual**

Surface Completion: **Surface Slab Installed**

Water Level: **279 ft.** below land surface on **2008-08-27** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **483**

Well Tests: **Jetted** **Yield: 150+ GPM with 0 ft. drawdown after unspecified hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **690** | **clear** |

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: **Sweet-Water Well Service**

**P O Box 584**
**Keller, TX 76244**

Driller Name: **Travis Hazlewood** License Number: **54244**

Apprentice Name: **Brian Kelley** Apprentice Number: **58062**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **10** | **surface fill** |
| **10** | **438** | **grey shale** |
| **438** | **680** | **limey shale** |
| **680** | **745** | **sand grey with white streaks** |
| **745** | **750** | **hard sandy shale grey** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) New/Used Type Setting From/To (ft.) |
|---|
| **4 new steel +1 to 750** |
| **4 new stainless screen 695 740 .020"** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**Texas Department of Licensing and Regulation**
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## Map ID 19: SDR - 5323 Harry Hines Blvd.

**Map ID: 19**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 631383**

**SDR - Submitted Drillers Report**

**Banks ID: 631383**

**Well Address: 5323 Harry Hines Blvd., Dallas, TX**

**Rel. Loc.: 2.11mi E**

**Completion Date: 2022-12-14**

**Drill Depth: 62.0**

**Owner: Pediatric Health Management Services**

**Elevation: 452.76 ft (+43.83 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2022-12-14 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Brent L Thomason |
| **Commentary:** | Geotechnical soil boring and 2" piezometer installed for water observation reading. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 631383 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 631383 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 62 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 631383 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 631383 |
| **Measurement:** | 27 |

# STATE OF TEXAS WELL REPORT for Tracking #631383

| | | | |
|---|---|---|---|
| Owner: | **Pediatric Health Management Services** | Owner Well #: | **B-2** |
| Address: | **1935 Medical District Dr Dallas, TX 75235** | Grid #: | **33-10-4** |
| Well Location: | **5323 Harry Hines Blvd. Dallas, TX** | Latitude: | **32° 49' 19.92" N** |
| | **Piezometer is located on the pavement in the parking lot.** | Longitude: | **096° 50' 56.04" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **Geotechnical Piezometer** Proposed Use: **Geotechnical Piezometer**

Drilling Start Date: **12/14/2022** Drilling End Date: **12/14/2022**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **62** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **40** | **62** | **Sand** | **20-40** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 3 Bags/Sacks** |
| **2** | **40** | **Bentonite Chips 11 Bags/Sacks** |

Seal Method: **Gravity**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **27 ft.** below land surface on **2022-12-14** Measurement Method: **Steel Tape**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thomason** License Number: **2967**

Apprentice Name: **Cody Sadler**

Comments: **Geotechnical soil boring and 2" piezometer installed for water observation reading.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **1** | **6" asphalt flexbase & sand fill** |
| **1** | **18** | **Sand, clay layers, reddish brown** |
| **18** | **28** | **Clay, sandy, reddish brown** |
| **28** | **35** | **Clay, grayish tan, shaley** |
| **35** | **40** | **Clay, sandy, grayish tan** |
| **40** | **50** | **Clay, gray** |
| **50** | **58** | **Sand, clayey & gravel, light brown** |
| **58** | **62** | **Shale, gray** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **42** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **42** | **62** |

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# Map ID 22: SDR - Harry Hines at Brook Hollow

| | | |
|---|---|---|
| **Map ID: 22** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 537668** | **SDR - Submitted Drillers Report** | **Banks ID: 537668** |
| **Well Address: Harry Hines at Brook Hollow, Dallas, TX** | | **Rel. Loc.: 2.18mi E** |
| **Completion Date: 2020-01-14** | | **Drill Depth: 60.0** |
| **Owner: DWU** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | 431 |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2020-01-14 |
| **Company Name:** | Fugro |
| **Driller Name:** | Donald Ray Ives |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 537668 |
| **Bore Hole Completion:** | Perforated or Slotted |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 537668 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 60 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 537668 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 537668 |
| **Measurement:** | 19 |

# STATE OF TEXAS WELL REPORT for Tracking #537668

| | | | |
|---|---|---|---|
| Owner: | **DWU** | Owner Well #: | **BH-9** |
| Address: | **1500 Marilla St<br>Dallas, TX 75220** | Grid #: | **33-10-4** |
| Well Location: | **Harry Hines at Brook Hollow<br>Dallas, TX** | Latitude: | **32° 49' 09.36" N** |
| | | Longitude: | **096° 50' 46.92" W** |
| Well County: | **Dallas** | Elevation: | **431 ft. above sea level** |

Type of Work: **New Well** Proposed Use: **Piezometer - water level measurements**

Drilling Start Date: **1/14/2020** Drilling End Date: **1/14/2020**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **60** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Perforated or Slotted**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Cement 2 Bags/Sacks** |
| **2** | **19** | **Bentonite 9 Bags/Sacks** |
| **19** | **40** | **Sand 12 Bags/Sacks** |

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **N/A**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **N/A**

Method of Verification: **N/A**

Surface Completion: **Flush Mount-Vault** **Surface Completion by Driller**

Water Level: **19 ft.** below land surface on **2020-01-15** Measurement Method: **Electric Line**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **Bentonite** | **40** | **60** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Fugro**

**2880 Virgo Lane**
**Dallas, TX 75229**

Driller Name: **Donald R Ives** License Number: **54846**

Comments: **None**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **19** | **Brown sand; soft moist** |
| **19** | **25** | **Gravel/Water** |
| **25** | **60** | **Grey Shale;hard, laminated, moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | | **0** | **19** |
| **2** | **Perforated or Slotted** | **New Plastic (PVC)** | **0.010** | **19** | **40** |

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## Map ID 23: SDR - Harry Hines at Shorecrest

| | | |
|---|---|---|
| **Map ID: 23** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 537670** | **SDR - Submitted Drillers Report** | **Banks ID: 537670** |
| **Well Address: Harry Hines at Shorecrest, Dallas, TX** | | **Rel. Loc.: 2.20mi N** |
| **Completion Date: 2020-01-13** | | **Drill Depth: 40.0** |
| **Owner: DWU** | | **Elevation: 426.51 ft (+17.59 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | 426 |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2020-01-13 |
| **Company Name:** | Fugro |
| **Driller Name:** | Donald Ray Ives |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 537670 |
| **Bore Hole Completion:** | Perforated or Slotted |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 537670 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 40 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 537670 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 537670 |
| **Measurement:** | 28 |

# STATE OF TEXAS WELL REPORT for Tracking #537670

| | | | |
|---|---|---|---|
| Owner: | **DWU** | Owner Well #: | **No Data** |
| Address: | **1500 Marilla St<br>Dallas, TX 75220** | Grid #: | **33-10-1** |
| Well Location: | **Harry Hines at Shorecrest<br>Dallas, TX** | Latitude: | **32° 50' 36.24" N** |
| | | Longitude: | **096° 52' 22.8" W** |
| Well County: | **Dallas** | Elevation: | **426 ft. above sea level** |
| Type of Work: | **New Well** | Proposed Use: | **Piezometer - Water Level Measurements** |

Drilling Start Date: **1/13/2020** Drilling End Date: **1/13/2020**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **40** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Perforated or Slotted**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Cement 2 Bags/Sacks** |
| **2** | **20** | **Bentonite 12 Bags/Sacks** |
| **20** | **30** | **Sand 6 Bags/Sacks** |
| **30** | **40** | **Bentonite 6 Bags/Sacks** |

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **N/A**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **N/A**

Method of Verification: **N/A**

Surface Completion: **Flush Mount-Vault** **Surface Completion by Driller**

Water Level: **28 ft.** below land surface on **2020-01-13** Measurement Method: **Electric Line**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Fugro**

**2880 Virgo Lane**
**Dallas, TX 75229**

Driller Name: **Donald R Ives**

License Number: **54846**

Comments: **None**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **22** | **Brown/Grey clay, soft most, (gravel and organics near surface)** |
| **22** | **26** | **Grey clay** |
| **26** | **28** | **Brown/Grey Sandy Clay, soft, wet** |
| **28** | **40** | **Grey/Brown Fat Clay, soft, moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New** | | **0** | **20** |
| **2** | **Perforated or Slotted** | **New** | **0.010** | **20** | **30** |
| **2** | **Blank** | **New** | | **30** | **40** |

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## Map ID 25: SDR - 5323 Harry Hines Blvd.

**Map ID: 25**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 631385**

**SDR - Submitted Drillers Report**

**Banks ID: 631385**

**Well Address: 5323 Harry Hines Blvd., Dallas, TX**

**Rel. Loc.: 2.25mi NE**

**Completion Date: 2022-12-18**

**Drill Depth: 67.0**

**Owner: Pediatric Health Management Services**

**Elevation: 456.04 ft (+47.11 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2022-12-18 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Brent L Thomason |
| **Commentary:** | Geotechnical soil boring and 2" piezometer installed for water observation reading. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 631385 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 631385 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 67 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 631385 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 631385 |
| **Measurement:** | 48 |

# STATE OF TEXAS WELL REPORT for Tracking #631385

| | | | |
|---|---|---|---|
| Owner: | **Pediatric Health Management Services** | Owner Well #: | **B-6** |
| Address: | **1935 Medical District Dr Dallas, TX 75235** | Grid #: | **33-10-4** |
| Well Location: | **5323 Harry Hines Blvd. Dallas, TX** | Latitude: | **32° 49' 24.6" N** |
| | **Piezometer is located on the pavement in the parking lot.** | Longitude: | **096° 50' 49.2" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **Geotechnical Piezometer** Proposed Use: **Geotechnical Piezometer**

Drilling Start Date: **12/18/2022** Drilling End Date: **12/18/2022**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **67** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **45** | **67** | **Sand** | **20-40** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 3 Bags/Sacks** |
| **2** | **45** | **Bentonite Chips 16 Bags/Sacks** |

Seal Method: **Gravity**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **48 ft.** below land surface on **2022-12-18** Measurement Method: **Steel Tape**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thomason** License Number: **2967**

Apprentice Name: **Cody Sadler**

Comments: **Geotechnical soil boring and 2" piezometer installed for water observation reading.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **0.5** | **6" asphalt flexbase & sand fill** |
| **0.5** | **4** | **Clay, reddish brown** |
| **4** | **6** | **Clay, sandy, reddish brown** |
| **6** | **8** | **Clay, reddish brown** |
| **8** | **14** | **Clay, sandy, reddish brown** |
| **14** | **18** | **Sand, Clayey, reddish brown** |
| **18** | **25** | **Clay, reddish brown** |
| **25** | **35** | **Clay, reddish brown** |
| **35** | **40** | **Clay, reddish brown tan, sand seams** |
| **40** | **45** | **Clay, shaley, gray** |
| **45** | **50** | **Clay, gray** |
| **50** | **60** | **Sand, clayey with gravel, tan gray** |
| **60** | **67** | **Shale, gray** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **47** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **47** | **67** |

**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**

## Map ID 36: SDR - 5323 Harry Hines Blvd.

**Map ID: 36**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 631389**

**SDR - Submitted Drillers Report**

**Banks ID: 631389**

**Well Address: 5323 Harry Hines Blvd., Dallas, TX**

**Rel. Loc.: 2.37mi NE**

**Completion Date: 2022-12-12**

**Drill Depth: 42.0**

**Owner: Pediatric Health Management Services**

**Elevation: 449.48 ft (+40.55 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2022-12-12 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Brent L Thomason |
| **Commentary:** | Geotechnical soil boring and 2" piezometer installed for water observation reading. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 631389 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 631389 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 42 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 631389 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 631389 |
| **Measurement:** | 18 |

# STATE OF TEXAS WELL REPORT for Tracking #631389

| | | | |
|---|---|---|---|
| Owner: | **Pediatric Health Management Services** | Owner Well #: | **B-8** |
| Address: | **1935 Medical District Dr Dallas, TX 75235** | Grid #: | **33-10-4** |
| Well Location: | **5323 Harry Hines Blvd. Dallas, TX** | Latitude: | **32° 49' 29.64" N** |
| | **Piezometer is located on the pavement in the parking lot.** | Longitude: | **096° 50' 43.8" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **Geotechnical Piezometer** Proposed Use: **Geotechnical Piezometer**

Drilling Start Date: **12/12/2022** Drilling End Date: **12/12/2022**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **42** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **20** | **42** | **Sand** | **20-40** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **2** | **Concrete 3 Bags/Sacks** |
| | **2** | **20** | **Bentonite Chips 7 Bags/Sacks** |

Seal Method: **Gravity**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **18 ft.** below land surface on **2022-12-12** Measurement Method: **Steel Tape**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thomason** License Number: **2967**

Apprentice Name: **Cody Sadler**

Comments: **Geotechnical soil boring and 2" piezometer installed for water observation reading.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **0.5** | **6" asphalt flexbase & sand fill** |
| **0.5** | **6** | **Fill, Clay, sandy with gravel, brown tan** |
| **6** | **12** | **Clay, reddish brown** |
| **12** | **18** | **Sand, clayey with gravel, reddish brown** |
| **18** | **23.5** | **Sand, clayey tan "water bearing"** |
| **23.5** | **25** | **Clay, tan light brown** |
| **25** | **32** | **Clay, gray dark gray** |
| **32** | **40** | **Sand, clayey gray dark gray** |
| **40** | **42** | **Shale, weathered, dark gray** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **22** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **22** | **42** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

# Map ID 39: SDR - 4900 SINGLETON AVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 39**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 539409**

**SDR - Submitted Drillers Report**

**Banks ID: 539409**

**Well Address: 4900 SINGLETON AVE, DALLAS, TX 75212**

**Rel. Loc.: 2.39mi S**

**Completion Date: 2020-02-06**

**Drill Depth: 5.0**

**Owner: SINGLETON VENTURES**

**Elevation: 429.79 ft (+20.87 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 18 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2020-02-06 |
| **Company Name:** | RIOMAR DRILLING INC |
| **Driller Name:** | Darrin S Stark Sr |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 539409 |
| **Bore Hole Completion:** | Plugged |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 539409 |
| **Diameter:** | 2 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 5 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 539409 |
| **Drilling Method:** | Direct Push |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #539409

| | | | |
|---|---|---|---|
| Owner: | **SINGLETON VENTURES** | Owner Well #: | **SGMP-1 TO 18** |
| Address: | **4900 SINGLETON AVE DALLAS, TX 75212** | Grid #: | **33-09-9** |
| Well Location: | **4900 SINGLETON AVE DALLAS, TX 75212** | Latitude: | **32° 46' 30.13" N** |
| | | Longitude: | **096° 54' 03.38" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Number of Wells Drilled: | **18** | | |

Type of Work: **SOIL BORING** Proposed Use: **SOIL GAS VAPOR POINT**

Drilling Start Date: **2/6/2020** Drilling End Date: **2/6/2020**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **2** | **0** | **5** |

Drilling Method: **Direct Push**

Borehole Completion: **Plugged**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

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: **No Data**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **Bentonite** | **0** | **5** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **RIOMAR DRILLING INC**

**9213 MONTANA STREET**
**JOSHAU, TX 76058**

Driller Name: **DARRIN S. STARK SR.** License Number: **54891**

Apprentice Name: **JORDAN STARK**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **5** | **TOP SOIL,CLAY** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **No Data** | | | |

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**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

## Map ID 42: SDR

| | | |
|---|---|---|
| **Map ID: 42** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 131008** | **SDR - Submitted Drillers Report** | **Banks ID: 131008** |
| **Well Address: TX** | | **Rel. Loc.: 2.46mi W** |
| **Completion Date: 2007-10-30** | | **Drill Depth: 160.0** |
| **Owner: Bischofhausen, Richard** | | **Elevation: 485.56 ft (+76.64 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2007-10-30 |
| **Company Name:** | Ledger Drilling Co. |
| **Driller Name:** | Priestly Ledger |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 131008 |
| **Bore Hole Completion:** | Unknown |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 131008 |
| **Diameter:** | 7.875 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 160 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 131008 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 131008 |
| **Measurement:** | 160 |

# STATE OF TEXAS WELL REPORT for Tracking #131008

| | | | |
|---|---|---|---|
| Owner: | **Bischofhausen, Richard** | Owner Well #: | **No Data** |
| Address: | **1809 Williams Rd.<br>Irving, TX 75061** | Grid #: | **33-09-5** |
| Well Location: | **No Data** | Latitude: | **32° 48' 58" N** |
| | | Longitude: | **096° 55' 54" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **10/30/2007** Drilling End Date: **10/30/2007**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.875** | **0** | **160** |

Drilling Method: **Air Rotary**

Borehole Completion: **Unknown**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

Distance to Property Line (ft.): **55+**

Distance to Septic Field or other concentrated contamination (ft.): **150+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Unknown**

Water Level: **160 ft.** below land surface on **2007-12-04** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **0'-20' 6 bags cement** | | |
| **20'-160' backfill w/cuttings** | | |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Ledger Drilling Co.**

**PO Box 7**
**Rhone, TX 76078**

Driller Name: **Preistly Ledger** License Number: **54848**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| From (ft) | To (ft) | Description |
|---|---|---|
| **0** | **10** | **topsoil** |
| **10** | **25** | **clay** |
| **25** | **45** | **lime** |
| **45** | **115** | **blue shale** |
| **115** | **125** | **lime** |
| **125** | **160** | **blue shale** |
| **Dry Hole** | | |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **No Data** | | | |

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**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

# Map ID 47: SDR - SEC of Inwood & Redfield Street

**Map ID: 47**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 427902**

**SDR - Submitted Drillers Report**

**Banks ID: 427902**

**Well Address: SEC of Inwood & Redfield Street, Dallas, Texas, TX**

**Rel. Loc.: 2.53mi E**

**Completion Date: 2016-07-01**

**Drill Depth: 40.0**

**Owner: UT Southwestern Medical Center**

**Elevation: 446.19 ft (+37.27 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2016-07-01 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Brent L Thomason |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 427902 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 427902 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 40 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 427902 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 427902 |
| **Measurement:** | 29 |

# STATE OF TEXAS WELL REPORT for Tracking #427902

| | | | |
|---|---|---|---|
| Owner: | **UT Southwestern Medical Center** | Owner Well #: | **OW-1** |
| Address: | **5323 Harry Hines Blvd. MC 9028 Dallas, TX 75390** | Grid #: | **33-10-4** |
| Well Location: | **SEC of Inwood & Redfield Street Dallas, Texas, TX** | Latitude: | **32° 49' 03.63" N** |
| | **Locations in parking lot** | Longitude: | **096° 50' 22.92" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **Geotechnical Piezometer**

Proposed Use: **Ground Water Observation**

Drilling Start Date: **7/1/2016** Drilling End Date: **7/1/2016**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **40** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **4** | **40** | **Sand** | **16-30** |

Annular Seal Data: **No Data**

Seal Method: **Gravity**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **29 ft.** below land surface on **2016-07-01** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thoimason** License Number: **2967**

Apprentice Name: **Sean Killgore**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **0.5** | **Asphalt** |
| **0.5** | **12** | **Clay, dark brown** |
| **12** | **35** | **Clay, sandy, brown/tan** |
| **35** | **40** | **Sand, with gravel, tan** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **5** | **40** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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Please include the report's Tracking Number on your written request.

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**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

# Map ID 49: SDR - SEC of Inwood & Redfield Street

**Map ID: 49**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 427911**

**SDR - Submitted Drillers Report**

**Banks ID: 427911**

**Well Address: SEC of Inwood & Redfield Street, Dallas, Texas, TX**

**Rel. Loc.: 2.55mi E**

**Completion Date: 2016-07-05**

**Drill Depth: 64.0**

**Owner: UT Southwestern Medical Center**

**Elevation: 456.04 ft (+47.11 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2016-07-05 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Brent L Thomason |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 427911 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 427911 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 64 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 427911 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 427911 |
| **Measurement:** | 42 |

# STATE OF TEXAS WELL REPORT for Tracking #427911

| | | | |
|---|---|---|---|
| Owner: | **UT Southwestern Medical Center** | Owner Well #: | **OW-2** |
| Address: | **5323 Harry Hines Blvd. MC 9028 Dallas, TX 75390** | Grid #: | **33-10-4** |
| Well Location: | **SEC of Inwood & Redfield Street Dallas, Texas, TX** | Latitude: | **32° 49' 01.54" N** |
| | **Locations in parking lot** | Longitude: | **096° 50' 20.99" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **Geotechnical Piezometer** Proposed Use: **Ground Water Observation**

Drilling Start Date: **7/5/2016** Drilling End Date: **7/5/2016**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **64** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **4** | **62** | **Sand** | **16-30** |

Annular Seal Data: **No Data**

Seal Method: **Gravity**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **42 ft.** below land surface on **2016-07-05** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thomason** License Number: **2967**

Apprentice Name: **Sean Killgore**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **0.5** | **Asphalt** |
| **0.5** | **12** | **Clay, brown** |
| **12** | **32** | **Clay, sandy, tan** |
| **32** | **45** | **Clay, sandy, gravel, tan** |
| **45** | **56** | **Sand, tan** |
| **56** | **62** | **Shale, clay, sand, gray/brown** |
| **62** | **64** | **Shale, gray** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **4.5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **4.5** | **62** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**Texas Department of Licensing and Regulation**
**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

# Map ID 63: SDR - 2895 West Commerce Street

**Map ID: 63**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 439600**

**SDR - Submitted Drillers Report**

**Banks ID: 439600**

**Well Address: 2895 West Commerce Street, Dallas, TX 75212**

**Rel. Loc.: 3.01mi S**

**Completion Date: 2016-12-13**

**Drill Depth: 860.0**

**Owner: Anchor Construction**

**Elevation: 534.78 ft (+125.85 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2016-12-09 |
| **Company Name:** | Barco Well Service, LP |
| **Driller Name:** | Jason M Flynt |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 439600 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 439600 |
| **Diameter:** | 12.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 860 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 439600 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 439600 |
| **Measurement:** | 519 |

# STATE OF TEXAS WELL REPORT for Tracking #439600

| | | | |
|---|---|---|---|
| Owner: | **Anchor Construction** | Owner Well #: | **No Data** |
| Address: | **7121 Grape Rd.<br>Granger, IN 46530** | Grid #: | **33-10-7** |
| Well Location: | **2895 West Commerce Street<br>Dallas, TX 75212** | Latitude: | **32° 46' 00.53" N** |
| | | Longitude: | **096° 52' 00.24" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **12/9/2016** Drilling End Date: **12/13/2016**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **12.25** | **0** | **860** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **390** | **860** | **Gravel** | **12/20** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **210** | **Cement 36 Bags/Sacks** |
| | **320** | **390** | **Bentonite 13 Bags/Sacks** |

Seal Method: **Pumped**

Sealed By: **Quasar**

Distance to Property Line (ft.): **Over 50**

Distance to Septic Field or other concentrated contamination (ft.): **Over 50**

Distance to Septic Tank (ft.): **Over 50**

Method of Verification: **Tape**

Surface Completion: **Steel Cased** **Surface Completion by Driller**

Water Level: **519 ft.** below land surface on **2016-12-20** Measurement Method: **Air Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **693**

Well Tests: **Yield: 250 GPM with 90 ft. drawdown after 2 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **580 - 700** | **Paluxy** |

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: **Barco Well Service, LP**

**PO Box 2406**
**Keller, TX 76424**

Driller Name: **Jason M. Flynt** License Number: **59359**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **20** | **Fill Dirt / Gray Shale** |
| **20** | **60** | **Gray Shale / Rock** |
| **60** | **400** | **Gray shale** |
| **400** | **420** | **Sandy Gray Shale** |
| **420** | **480** | **Sand / Gray Shale / Lime Streaks** |
| **480** | **500** | **Sand** |
| **500** | **600** | **Sand / Brown Shale** |
| **600** | **640** | **Brown Shale / Green Shale** |
| **640** | **680** | **Sand** |
| **680** | **700** | **Sand / Lime Streaks** |
| **700** | **720** | **Gray Shale / lime** |
| **720** | **740** | **Gray Shale / Tan Shale** |
| **740** | **860** | **Gray Shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **6.625** | **Blank** | **New Steel** | | **0** | **609** |
| **6.625** | **Screen** | **New Stainless Steel** | **0.020** | **609** | **672** |
| **6.625** | **Blank** | **New Steel** | | **672** | **714** |
| **6.625** | **Screen** | **New Stainless Steel** | **0.020** | **714** | **735** |
| **6.625** | **Blank** | **New Steel** | | **735** | **860** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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## Map ID 68: SDR - 2425 W Northwest Hwy

**Map ID: 68**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 537666**

**SDR - Submitted Drillers Report**

**Banks ID: 537666**

**Well Address: 2425 W Northwest Hwy, Dallas, TX 75220**

**Rel. Loc.: 3.17mi N**

**Completion Date: 2020-01-13**

**Drill Depth: 35.0**

**Owner: DWU**

**Elevation: 423.23 ft (+14.30 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | 425 |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2020-01-13 |
| **Company Name:** | Fugro |
| **Driller Name:** | Donald Ray Ives |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 537666 |
| **Bore Hole Completion:** | Perforated or Slotted |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 537666 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 35 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 537666 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 537666 |
| **Measurement:** | 16 |

# STATE OF TEXAS WELL REPORT for Tracking #537666

| | | | |
|---|---|---|---|
| Owner: | **DWU** | Owner Well #: | **JC5** |
| Address: | **1500 Marilla St<br>Dallas, TX 75201** | Grid #: | **33-09-3** |
| Well Location: | **2425 W Northwest Hwy<br>Dallas, TX 75220** | Latitude: | **32° 51' 33.2" N** |
| | | Longitude: | **096° 53' 00.45" W** |
| | **Northwest Hwy at Joe's Creek** | Elevation: | **425 ft. above sea level** |
| Well County: | **Dallas** | | |

Type of Work: **New Well** Proposed Use: **Piezometer - water level measurements**

Drilling Start Date: **1/13/2020** Drilling End Date: **1/13/2020**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **35** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Perforated or Slotted**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Cement 2 Bags/Sacks** |
| **2** | **15** | **Bentonite 6 Bags/Sacks** |
| **15** | **25** | **Sand 6 Bags/Sacks** |
| **25** | **35** | **Bentonite 9 Bags/Sacks** |

Seal Method: **Poured**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **N/A**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **N/A**

Method of Verification: **N/A**

Surface Completion: **Flush Mount - Vault** **Surface Completion by Driller**

Water Level: **16 ft.** below land surface on **2020-01-15** Measurement Method: **Electric Line**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Fugro**

**2880 Virgo Lane**
**Dallas, TX 75229**

Driller Name: **Donald R Ives** License Number: **54846**

Comments: **None**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **8** | **Brown Sand w/gravel (moist/soft)** |
| **8** | **24** | **Lt Brown/ Grey Sandy Clay (spft)** |
| **24** | **40** | **Brown/Grey Clay (some shale at 28') soft to stiff** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | | **0** | **15** |
| **2** | **Perforated or Slotted** | **New Plastic (PVC)** | **0.010** | **15** | **25** |
| **2** | **Blank** | **New Plastic (PVC)** | | **25** | **35** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 70: SDR - 110 Hunter Ferrell Road

**Map ID: 70**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 526252**

**SDR - Submitted Drillers Report**

**Banks ID: 526252**

**Well Address: 110 Hunter Ferrell Road, Irving, TX 75060**

**Rel. Loc.: 3.21mi SW**

**Completion Date: 2019-10-31**

**Drill Depth: 8.0**

**Owner: City Of Irving Landfill**

**Elevation: 419.95 ft (+11.02 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2019-10-31 |
| **Company Name:** | C&S Lease |
| **Driller Name:** | Buford E Collier |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 526252 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 526252 |
| **Diameter:** | 8.5 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 8 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 526252 |
| **Drilling Method:** | Other |
| **Drilling Method Other Desc:** | Hydro-vac |

# STATE OF TEXAS WELL REPORT for Tracking #526252

| | | | |
|---|---|---|---|
| Owner: | **City Of Irving Landfill** | Owner Well #: | **UV-5** |
| Address: | **110 E. Hunter Ferrell Road<br>Irving, TX 75060** | Grid #: | **33-09-8** |
| Well Location: | **110 Hunter Ferrell Road<br>Irving, TX 75060** | Latitude: | **32° 46' 56.16" N** |
| | | Longitude: | **096° 56' 06.24" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Utility Trench Vent**

Drilling Start Date: **10/31/2019** Drilling End Date: **10/31/2019**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.5** | **0** | **8** |

Drilling Method: **Hydro-vac**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0.5** | **1** | **Sand** | **10/20** |
| **1** | **8** | **Gravel** | **0.375** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **0.5** | **Bentonite 1 Bags/Sacks** |

Seal Method: **Hand 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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **C&S Lease**

**1873 FM 1252 E**
**Kilgore, TX 75663**

Driller Name: **Buford E. Collier** License Number: **50089**

Apprentice Name: **David Diduch** Apprentice Number: **60297**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **8** | **Silty, Fat Clay with Gravel, Moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **1** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.020** | **1** | **8** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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Please include the report's Tracking Number on your written request.

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**Austin, TX 78711**
**(512) 334-5540**

# Map ID 81: SDR - 110 Hunter Ferrell Road

**Map ID: 81**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 526255**

**SDR - Submitted Drillers Report**

**Banks ID: 526255**

**Well Address: 110 Hunter Ferrell Road, Irving, TX 75060**

**Rel. Loc.: 3.40mi SW**

**Completion Date: 2019-10-31**

**Drill Depth: 5.3**

**Owner: City Of Irving Landfill**

**Elevation: 426.51 ft (+17.59 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2019-10-31 |
| **Company Name:** | C&S Lease |
| **Driller Name:** | Buford E Collier |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 526255 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 526255 |
| **Diameter:** | 8.5 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 5.3 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 526255 |
| **Drilling Method:** | Other |
| **Drilling Method Other Desc:** | Hydro-vac |

# STATE OF TEXAS WELL REPORT for Tracking #526255

| | | | |
|---|---|---|---|
| Owner: | **City Of Irving Landfill** | Owner Well #: | **UV-4** |
| Address: | **110 E. Hunter Ferrell Road<br>Irving, TX 75060** | Grid #: | **33-09-8** |
| Well Location: | **110 Hunter Ferrell Road<br>Irving, TX 75060** | Latitude: | **32° 47' 11.28" N** |
| | | Longitude: | **096° 56' 30.78" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Utility Trench Vent** |

Drilling Start Date: **10/31/2019** Drilling End Date: **10/31/2019**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.5** | **0** | **5.3** |

Drilling Method: **Hydro-vac**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0.5** | **1** | **Sand** | **10/20** |
| **1** | **5.3** | **Gravel** | **0.375** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **0.5** | **Bentonite 1 Bags/Sacks** |

Seal Method: **Hand 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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **C&S Lease**

**1873 FM 1252 E**
**Kilgore, TX 75663**

Driller Name: **Buford E. Collier** License Number: **50089**

Apprentice Name: **David Diduch** Apprentice Number: **60297**

Comments: **No Data**

**Report Amended on 11/12/2019 by Request #29256**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **5.3** | **Silty, Fat Clay with Gravel, Moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **1** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.020** | **1** | **5.3** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**Texas Department of Licensing and Regulation**
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**Austin, TX 78711**
**(512) 334-5540**

# Map ID 83: SDR - 110 Hunter Ferrell Road

| | | |
|---|---|---|
| **Map ID: 83** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 526253** | **SDR - Submitted Drillers Report** | **Banks ID: 526253** |
| **Well Address: 110 Hunter Ferrell Road, Irving, TX 75060** | | **Rel. Loc.: 3.43mi SW** |
| **Completion Date: 2019-10-31** | | **Drill Depth: 8.0** |
| **Owner: City Of Irving Landfill** | | **Elevation: 423.23 ft (+14.30 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2019-10-31 |
| **Company Name:** | C&S Lease |
| **Driller Name:** | Buford E Collier |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 526253 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 526253 |
| **Diameter:** | 8.5 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 8 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 526253 |
| **Drilling Method:** | Other |
| **Drilling Method Other Desc:** | Hydro-vac |

# STATE OF TEXAS WELL REPORT for Tracking #526253

| | | | |
|---|---|---|---|
| Owner: | **City Of Irving Landfill** | Owner Well #: | **UV-3** |
| Address: | **110 E. Hunter Ferrell Road<br>Irving, TX 75060** | Grid #: | **33-09-8** |
| Well Location: | **110 Hunter Ferrell Road<br>Irving, TX 75060** | Latitude: | **32° 47' 11.58" N** |
| | | Longitude: | **096° 56' 32.52" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Utility Trench Vent** |

Drilling Start Date: **10/31/2019** Drilling End Date: **10/31/2019**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.5** | **0** | **8** |

Drilling Method: **Hydro-vac**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0.5** | **1** | **Sand** | **10/20** |
| **1** | **8** | **Gravel** | **0.375** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **0.5** | **Bentonite 1 Bags/Sacks** |

Seal Method: **Hand 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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **C&S Lease**

**1873 FM 1252 E**
**Kilgore, TX 75663**

Driller Name: **Buford E. Collier** License Number: **50089**

Apprentice Name: **David Diduch** Apprentice Number: **60297**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **8** | **Silty, Fat Clay with Gravel, Moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **1** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.020** | **1** | **8** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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## Map ID 89: SDR - 10400 Wildwood Drive

| | | |
|---|---|---|
| **Map ID: 89** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 644583** | **SDR - Submitted Drillers Report** | **Banks ID: 644583** |
| **Well Address: 10400 Wildwood Drive, Dallas, TX 75229** | | **Rel. Loc.: 3.49mi NW** |
| **Completion Date: 2023-07-25** | | **Drill Depth: 50.0** |
| **Owner: Trinity River Authority** | | **Elevation: 416.67 ft (+7.74 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2023-07-25 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Ricardo Garcia |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 644583 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 644583 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 50 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 644583 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #644583

| | | | |
|---|---|---|---|
| Owner: | **Trinity River Authority** | Owner Well #: | **B-2** |
| Address: | **5300 S Collins Street<br>Arlington, TX 76018** | Grid #: | **33-09-2** |
| | | Latitude: | **32° 51' 27.48" N** |
| Well Location: | **10400 Wildwood Drive<br>Dallas, TX 75229** | Longitude: | **096° 55' 04.29" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Piezometer** |

Drilling Start Date: **7/25/2023** Drilling End Date: **7/25/2023**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **7.25** | **0** | **50** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **13** | **40** | **Sand** | |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete** |
| **2** | **13** | **Bentonite** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **sand** | **40** | **50** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Ricardo Garcia** License Number: **54637**

Apprentice Name: **Gus Alejandre** Apprentice Number: **59885**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **36** | **brown, sandy clay** |
| **36** | **50** | **gray shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Steel** | **40** | **0** | **15** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **15** | **40** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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## Map ID 95: SDR - 1930 Hi Line Drive

**Map ID: 95**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 408668**

**SDR - Submitted Drillers Report**

**Banks ID: 408668**

**Well Address: 1930 Hi Line Drive, Dallas, TX 75207**

**Rel. Loc.: 3.59mi E**

**Completion Date: 2015-11-05**

**Drill Depth: 61.0**

**Owner: Feizy Properties, Ltd**

**Elevation: 403.54 ft (-5.38 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2015-11-05 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Robert D Williams Jr |
| **Commentary:** | |

### Plug Info

| | |
|---|---|
| **Well Report Tracking Number:** | 408668 |
| **Plugging Report Tracking Number:** | 180823 |
| **Date Submitted:** | 2018-09-26 |
| **Number Of Wells Plugged:** | 1 |
| **Plugging Method:** | Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet |
| **Plugging Method Other Desc:** | |
| **Plugging Date:** | 2018-09-18 |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 408668 |
| **Bore Hole Completion:** | Open Hole |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 408668 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 61 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 408668 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #408668

| | | | |
|---|---|---|---|
| Owner: | **Feizy Properties, Ltd** | Owner Well #: | **EMW-2R** |
| Address: | **1949 N Stemmons Freeway<br>Dallas, TX 75207** | Grid #: | **33-10-5** |
| Well Location: | **1930 Hi Line Drive<br>Dallas, TX 75207** | Latitude: | **32° 47' 53.5" N** |
| | | Longitude: | **096° 49' 19" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

****This well has been plugged**** **Plugging Report Tracking #180823**

Type of Work: **New Well** Proposed Use: **Extraction**

Drilling Start Date: **11/5/2015** Drilling End Date: **11/5/2015**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.25** | **0** | **61** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Open Hole**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **1** | **Concrete** |
| **1** | **35** | **Bentonite** |
| **35** | **50** | **native sandy soil (cave-in)** |
| **50** | **60** | **pre-packed filter screen** |
| **60** | **61** | **native sandy soil (cave-in)** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Robert Williams** License Number: **59501**

Apprentice Name: **Joseph Garcia**

Comments: **No Data**

**Report Amended on 11/10/2015 by Request #15065**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **40** | **reddish brown sandy clay** |
| **40** | **61** | **reddish brown sand with clay** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **1** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **50** |
| **1** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **50** | **60** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 96: SDR - 1403 Ehnion Douer Road

**Map ID: 96**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 87297**

**SDR - Submitted Drillers Report**

**Banks ID: 87297**

**Well Address: 1403 Ehnion Douer Road, Irving, TX 75061**

**Rel. Loc.: 3.60mi NW**

**Completion Date: 2004-05-29**

**Drill Depth: 100.0**

**Owner: INSURANCE DESIGN**

**Elevation: 531.50 ft (+122.57 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2004-05-29 |
| **Company Name:** | JIMMY D MILLER |
| **Driller Name:** | Jimmy D Miller |
| **Commentary:** | LCS$ |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 87297 |
| **Bore Hole Completion:** | Unknown |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 87297 |
| **Diameter:** | 7.875 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 100 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 87297 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 87297 |
| **Measurement:** | |

# STATE OF TEXAS WELL REPORT for Tracking #87297

| | | | |
|---|---|---|---|
| Owner: | **INSURANCE DESIGN** | Owner Well #: | **No Data** |
| Address: | **1319 Irving Heights<br>Irving, TX 75061** | Grid #: | **33-09-2** |
| Well Location: | **1403 Ehnion Douer Road<br>Irving, TX 75061** | Latitude: | **32° 50' 28" N** |
| | | Longitude: | **096° 56' 30" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **5/29/2004** Drilling End Date: **5/29/2004**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.875** | **0** | **100** |

Drilling Method: **Air Rotary**

Borehole Completion: **Unknown**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **20** | **7** |

Seal Method: **Unknown**

Sealed By: **Unknown**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **150**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data** on **2004-05-26** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 0 GPM**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **JIMMY D MILLER**

**184 CR 3131**
**Decatur, TX 76234**

Driller Name: **Jimmy D Miller** License Number: **2436**

Comments: **LCS$**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **20** | **Topsoil Yellow Clay Blue Shale** |
| **20** | **100** | **Blue Shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **No Data** | | | |

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**(512) 334-5540**

## Map ID 98: SDR - 1930 Hi Line Drive

**Map ID: 98**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 408669**

**SDR - Submitted Drillers Report**

**Banks ID: 408669**

**Well Address: 1930 Hi Line Drive, Dallas, TX 75202**

**Rel. Loc.: 3.62mi E**

**Completion Date: 2015-11-05**

**Drill Depth: 62.0**

**Owner: Feizy Properties, Ltd**

**Elevation: 403.54 ft (-5.38 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2015-11-05 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Robert D Williams Jr |
| **Commentary:** | |

### Plug Info

| | |
|---|---|
| **Well Report Tracking Number:** | 408669 |
| **Plugging Report Tracking Number:** | 180824 |
| **Date Submitted:** | 2018-09-26 |
| **Number Of Wells Plugged:** | 1 |
| **Plugging Method:** | Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet |
| **Plugging Method Other Desc:** | |
| **Plugging Date:** | 2018-09-18 |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 408669 |
| **Bore Hole Completion:** | Open Hole |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 408669 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 62 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 408669 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #408669

| | | | |
|---|---|---|---|
| Owner: | **Feizy Properties, Ltd** | Owner Well #: | **EMW-3R** |
| Address: | **1949 N Stemmons Freeway<br>Dallas, TX 75207** | Grid #: | **33-10-5** |
| Well Location: | **1930 Hi Line Drive<br>Dallas, TX 75202** | Latitude: | **32° 47' 53.5" N** |
| | | Longitude: | **096° 49' 17" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

****This well has been plugged**** **Plugging Report Tracking #180824**

Type of Work: **New Well** Proposed Use: **Extraction**

Drilling Start Date: **11/5/2015** Drilling End Date: **11/5/2015**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.25** | **0** | **62** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Open Hole**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **1** | **Concrete** |
| **1** | **32** | **Bentonite** |
| **32** | **50** | **natve sandy soil (cave-in)** |
| **50** | **60** | **pre-packed filter screen** |
| **60** | **62** | **natve sandy soil (cave-in)** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Robert Williams** License Number: **59501**

Apprentice Name: **Joseph Garcia**

Comments: **No Data**

**Report Amended on 11/10/2015 by Request #15066**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **40** | **reddish brown sandy clay** |
| **40** | **62** | **reddish brown sand with clay** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **1** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **50** |
| **1** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **50** | **60** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 101: SDR - 10400 Wildwood Drive

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 101**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 644584**

**SDR - Submitted Drillers Report**

**Banks ID: 644584**

**Well Address: 10400 Wildwood Drive, Dallas, TX 75229**

**Rel. Loc.: 3.86mi NW**

**Completion Date: 2023-07-26**

**Drill Depth: 80.0**

**Owner: Trinity River Authority**

**Elevation: 419.95 ft (+11.02 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2023-07-26 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Ricardo Garcia |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 644584 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 644584 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 80 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 644584 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #644584

| | | | |
|---|---|---|---|
| Owner: | **Trinity River Authority** | Owner Well #: | **B-7** |
| Address: | **5300 S Collins Street<br>Arlington, TX 76018** | Grid #: | **33-09-2** |
| Well Location: | **10400 Wildwood Drive<br>Dallas, TX 75229** | Latitude: | **32° 51' 41.67" N** |
| | | Longitude: | **096° 55' 21.04" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Piezometer**

Drilling Start Date: **7/26/2023** Drilling End Date: **7/26/2023**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **7.25** | **0** | **80** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **13** | **40** | **Sand** | |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete** |
| **2** | **13** | **Bentonite** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **sand** | **40** | **50** |

| | | |
|---|---|---|
| **native soil** | **50** | **80** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Ricardo Garcia** License Number: **54637**

Apprentice Name: **Gus Alejandre** Apprentice Number: **59885**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **73** | **brown, sandy clay** |
| **73** | **80** | **gray shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Steel** | **40** | **0** | **15** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **15** | **40** |

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# Map ID 102: SDR - 406 Pecan Drive

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 102**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 218951**

**SDR - Submitted Drillers Report**

**Banks ID: 218951**

**Well Address: 406 Pecan Drive, Irving, TX 75060**

**Rel. Loc.: 3.87mi W**

**Completion Date: 2010-05-21**

**Drill Depth: 400.0**

**Owner: Wesley Dawson**

**Elevation: 492.13 ft (+83.20 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2010-05-20 |
| **Company Name:** | Erwin Water Well Drilling |
| **Driller Name:** | Burke E Lyons |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 218951 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| Well Report Tracking Number | Diameter | Top Depth | Bottom Depth |
|---|---|---|---|
| 218951 | 14 | 0 | 40 |
| 218951 | 8.75 | 40 | 400 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 218951 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 218951 |
| **Measurement:** | 215 |

# STATE OF TEXAS WELL REPORT for Tracking #218951

| | | | |
|---|---|---|---|
| Owner: | **Wesley Dawson** | Owner Well #: | **No Data** |
| Address: | **3421 S Briery<br>Irving, TX 75060** | Grid #: | **33-09-5** |
| Well Location: | **406 Pecan Drive<br>Irving, TX 75060** | Latitude: | **32° 49' 03" N** |
| | | Longitude: | **096° 57' 21" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **5/20/2010** Drilling End Date: **5/21/2010**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **14** | **0** | **40** |
| **8.75** | **40** | **400** |

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **100** | **400** | **Gravel** | **.25** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **10** | **2 portland** |
| **10** | **100** | **7 quick grout** |

Seal Method: **Tremie pipe**

Sealed By: **Lyons**

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 Sleeve Installed**

Water Level: **215 ft.** below land surface on **2010-05-27** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **368**

Well Tests: **Estimated** **Yield: 35 GPM with 10 ft. drawdown after 2 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **80** | **Woodbine** |

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: **Erwin Water Well Drilling**

**6991 FM 4**
**Jacksboro, TX 76458**

Driller Name: **Burke Lyons** License Number: **55001**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **36** | **Topsoil sand & gravel** |
| **36** | **84** | **Gray clay** |
| **84** | **91** | **Tan clay** |
| **91** | **96** | **Lime** |
| **96** | **152** | **Gray shale** |
| **152** | **164** | **Lime** |
| **164** | **342** | **Gray shale w/lime streaks** |
| **342** | **358** | **Sand & shale streaks** |
| **358** | **384** | **Sand** |
| **384** | **400** | **Gray shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **10** | **New** | **Sch 40 PVC** | **0-40** |
| **5** | **New** | **Sch 80 PVC** | **0-340** |
| **5** | **New** | **Screen** | **340-400 .020** |

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# Map ID 103: SDR - 110 Hunter Ferrell Road

**Map ID: 103**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 526260**

**SDR - Submitted Drillers Report**

**Banks ID: 526260**

**Well Address: 110 Hunter Ferrell Road, Irving, TX 75060**

**Rel. Loc.: 3.88mi W**

**Completion Date: 2019-10-31**

**Drill Depth: 4.8**

**Owner: City Of Irving Landfill**

**Elevation: 426.51 ft (+17.59 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2019-10-31 |
| **Company Name:** | C&S Lease |
| **Driller Name:** | Buford E Collier |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 526260 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 526260 |
| **Diameter:** | 8.5 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 4.8 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 526260 |
| **Drilling Method:** | Other |
| **Drilling Method Other Desc:** | Hydro-vac |

# STATE OF TEXAS WELL REPORT for Tracking #526260

| | | | |
|---|---|---|---|
| Owner: | **City Of Irving Landfill** | Owner Well #: | **UV-2** |
| Address: | **110 E. Hunter Ferrell Road<br>Irving, TX 75060** | Grid #: | **33-09-8** |
| Well Location: | **110 Hunter Ferrell Road<br>Irving, TX 75060** | Latitude: | **32° 47' 11.52" N** |
| | | Longitude: | **096° 57' 03.36" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Utility Trench Vent** |

Drilling Start Date: **10/31/2019** Drilling End Date: **10/31/2019**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.5** | **0** | **4.8** |

Drilling Method: **Hydro-vac**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **1** | **1.5** | **Sand** | **10/20** |
| **1.5** | **4.8** | **Gravel** | **0.375** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0.5** | **1** | **Bentonite 1 Bags/Sacks** |

Seal Method: **Hand 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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **C&S Lease**

**1873 FM 1252 E**
**Kilgore, TX 75663**

Driller Name: **Buford E. Collier** License Number: **50089**

Apprentice Name: **David Diduch** Apprentice Number: **60297**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **4.8** | **Silty, Fat Clay with Gravel, Moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **1.5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.020** | **1.5** | **4.8** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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## Map ID 104: SDR - 3949 Maple

**Map ID: 104**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 166253**

**SDR - Submitted Drillers Report**

**Banks ID: 166253**

**Well Address: 3949 Maple, Dallas, TX 75201**

**Rel. Loc.: 3.88mi E**

**Completion Date: 2008-07-10**

**Drill Depth: 1040.0**

**Owner: CH WOODLAWN, L.P.**

**Elevation: 459.32 ft (+50.39 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2008-04-07 |
| **Company Name:** | DD Drilling Inc. |
| **Driller Name:** | Dale Chepulis |
| **Commentary:** | delay in reporting caused by customer indecision as to depth wanting to go to. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 166253 |
| **Bore Hole Completion:** | Other |
| **Bore Hole Completion Other Desc:** | to be plugged |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 166253 |
| **Diameter:** | 7.875 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 1040 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 166253 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #166253

| | | | |
|---|---|---|---|
| Owner: | **CH WOODLAWN, L.P.** | Owner Well #: | **1** |
| Address: | **3949 Maple<br>Dallas, TX 75201** | Grid #: | **33-10-5** |
| Well Location: | **3949 Maple<br>Dallas, TX 75201** | Latitude: | **32° 48' 19" N** |
| | | Longitude: | **096° 48' 57" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Irrigation**

Drilling Start Date: **4/7/2008** Drilling End Date: **7/10/2008**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.875** | **0** | **1040** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **to be plugged**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

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: **Unknown**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

| | *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Plug Information: | **TBD** | | |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **720** | **fresh** |

Chemical Analysis Made: **Yes**

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: **DD Drilling Inc.**

**4999 Lusk Lane**
**Double Oak, TX 75028**

Driller Name: **Dale Chepulis** License Number: **54840**

Apprentice Name: **Brady Harrison** Apprentice Number: **57753**

Comments: **delay in reporting caused by customer indecision as to depth wanting to go to.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **8** | **Black topsoil** |
| **8** | **530** | **Gray shale** |
| **530** | **665** | **Shale with sand stks.** |
| **665** | **737** | **Sand** |
| **737** | **795** | **Shale with sand stks.** |
| **795** | **880** | **Sand** |
| **880** | **970** | **Gray shale** |
| **970** | **1140** | **Gray shale w/ tan limestone Stks** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **none** | | | |

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# Map ID 105: SDR - 110 Hunter Ferrell Road

**Map ID: 105**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 526262**

**SDR - Submitted Drillers Report**

**Banks ID: 526262**

**Well Address: 110 Hunter Ferrell Road, Irving, TX 75060**

**Rel. Loc.: 3.89mi W**

**Completion Date: 2019-10-31**

**Drill Depth: 6.3**

**Owner: City Of Irving Landfill**

**Elevation: 426.51 ft (+17.59 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2019-10-31 |
| **Company Name:** | C&S Lease |
| **Driller Name:** | Buford E Collier |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 526262 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 526262 |
| **Diameter:** | 8.5 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 6.3 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 526262 |
| **Drilling Method:** | Other |
| **Drilling Method Other Desc:** | Hydro-vac |

# STATE OF TEXAS WELL REPORT for Tracking #526262

| | | | |
|---|---|---|---|
| Owner: | **City Of Irving Landfill** | Owner Well #: | **UV-1** |
| Address: | **110 E. Hunter Ferrell Road<br>Irving, TX 75060** | Grid #: | **33-09-8** |
| Well Location: | **110 Hunter Ferrell Road<br>Irving, TX 75060** | Latitude: | **32° 47' 11.52" N** |
| | | Longitude: | **096° 57' 03.6" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Utility Trench Vent** |

Drilling Start Date: **10/31/2019** Drilling End Date: **10/31/2019**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.5** | **0** | **6.3** |

Drilling Method: **Hydro-vac**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **1** | **1.5** | **Sand** | **10/20** |
| **1.5** | **6.3** | **Gravel** | **0.375** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0.5** | **1** | **Bentonite 1 Bags/Sacks** |

Seal Method: **Hand 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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **C&S Lease**

**1873 FM 1252 E**
**Kilgore, TX 75663**

Driller Name: **Buford E. Collier** License Number: **50089**

Apprentice Name: **David Diduch** Apprentice Number: **60297**

Comments: **No Data**

**Report Amended on 11/19/2019 by Request #29318**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **6.3** | **Silty, Fat Clay with Gravel, Moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **1** | **1.5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.020** | **1.5** | **6.3** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**Austin, TX 78711**
**(512) 334-5540**

## Map ID 112: SDR - 1001 N. Cockrell Hill Rd,

**Map ID: 112**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 433878**

**SDR - Submitted Drillers Report**

**Banks ID: 433878**

**Well Address: 1001 N. Cockrell Hill Rd,, Dallas, TX, TX 75211**

**Rel. Loc.: 3.98mi S**

**Completion Date: 2016-09-30**

**Drill Depth: 760.0**

**Owner: Taylor Farms**

**Elevation: 633.20 ft (+224.28 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2016-08-30 |
| **Company Name:** | Andrus Drilling Co. |
| **Driller Name:** | Matt Andrus |
| **Commentary:** | Good well. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 433878 |
| **Bore Hole Completion:** | Screened |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 433878 |
| **Diameter:** | 9.5 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 760 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 433878 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 433878 |
| **Measurement:** | 350 |

# STATE OF TEXAS WELL REPORT for Tracking #433878

| | | | |
|---|---|---|---|
| Owner: | **Taylor Farms** | Owner Well #: | **1** |
| Address: | **1001 N. Cockrell Hill Rd.<br>Dallas, TX 75211** | Grid #: | **33-09-9** |
| Well Location: | **1001 N. Cockrell Hill Rd,<br>Dallas, TX, TX 75211** | Latitude: | **32° 45' 02.52" N** |
| | | Longitude: | **096° 53' 40.92" W** |
| | **Adjacent to south side of building.** | Elevation: | **No Data** |
| Well County: | **Dallas** | | |

Type of Work: **New Well** Proposed Use: **Public Supply**

Drilling Start Date: **8/30/2016** Drilling End Date: **9/30/2016** **Plans Approved by TCEQ - YES**
**PWS# P-1105201**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **9.5** | **0** | **760** |

Drilling Method: **Air Rotary**

Borehole Completion: **Screened**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **600** | **Cement 35 Bags/Sacks** |

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **>150'**

Distance to Septic Field or other concentrated contamination (ft.): **>50'**

Distance to Septic Tank (ft.): **>150'**

Method of Verification: **Tape**

Surface Completion: **Surface Slab Installed** **Surface Completion by Driller**

Water Level: **350 ft.** below land surface on **2016-09-30** Measurement Method: **Steel Tape**

Packers: **Rubber**

Type of Pump: **Submersible** Pump Depth (ft.): **580**

Well Tests: **Pump** **Yield: 60 GPM with 100 ft. drawdown after 36 hours**

| | *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Plug Information: | **Cement** | **0** | **660** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **660 - 760** | **good** |

Chemical Analysis Made: **Yes**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Andrus Drilling Co.**

**206 Westpark Dr. N**
**McKinney, TX 75071**

Driller Name: **Matt Andrus** License Number: **54440**

Comments: **Good well.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **660** | **750** | **Woodbine Fm.** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **No Data** | | | |

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**(512) 334-5540**

# Map ID 116: SDR - 3235 Lombardy Lane

**Map ID: 116**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 485979**

**SDR - Submitted Drillers Report**

**Banks ID: 485979**

**Well Address: 3235 Lombardy Lane, Dallas, TX 75216**

**Rel. Loc.: 4.06mi N**

**Completion Date: 2018-06-20**

**Drill Depth: 1520.0**

**Owner: Calvary Hill Cemetary**

**Elevation: 475.72 ft (+66.80 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2018-05-10 |
| **Company Name:** | Barco Well Service, LP |
| **Driller Name:** | Jason M Flynt |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 485979 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 485979 |
| **Diameter:** | 14 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 1520 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 485979 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 485979 |
| **Measurement:** | 1000 |

# STATE OF TEXAS WELL REPORT for Tracking #485979

| | | | |
|---|---|---|---|
| Owner: | **Calvary Hill Cemetary** | Owner Well #: | **2** |
| Address: | **3235 Lombardy Lane<br>Dallas, TX 75220** | Grid #: | **33-10-1** |
| Well Location: | **3235 Lombardy Lane<br>Dallas, TX 75216** | Latitude: | **32° 52' 15" N** |
| | | Longitude: | **096° 52' 12" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **5/10/2018** Drilling End Date: **6/20/2018**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **14** | **0** | **1520** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **1120** | **1520** | **Gravel** | **12/20** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **800** | **Cement 460 Bags/Sacks** |
| | **1040** | **1120** | **Bentonite 11 Bags/Sacks** |

Seal Method: **Pumped**

Sealed By: **Quasar Energy**

Distance to Property Line (ft.): **over 50**

Distance to Septic Field or other concentrated contamination (ft.): **over 50**

Distance to Septic Tank (ft.): **over 50**

Method of Verification: **No Data**

Surface Completion: **Steel Cased** **Surface Completion by Driller**

Water Level: **1000 ft.** below land surface on **2018-06-20** Measurement Method: **Air Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **1260**

Well Tests: **Pump** **Yield: 400 GPM with 35 ft. drawdown after 4 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **400 - 1420** | **Trinity** |

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: **Barco Well Service, LP**

**PO Box 2406**
**Keller, TX 76424**

Driller Name: **Jason M. Flynt** License Number: **59359**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **40** | **Tan shale/gray shale** |
| **40** | **400** | **Gray shale** |
| **400** | **460** | **Sand/gray shale** |
| **460** | **480** | **sand** |
| **480** | **500** | **sand/gray shale** |
| **500** | **520** | **gray shale** |
| **520** | **620** | **gray shale/sand** |
| **620** | **640** | **sand** |
| **640** | **680** | **sand/gray shale** |
| **680** | **700** | **sandy gray shale** |
| **700** | **800** | **gray shale/green shale** |
| **800** | **860** | **gray shale/lime** |
| **860** | **1080** | **gray shale with lime streaks** |
| **1080** | **1300** | **hard lime with gray shale breaks** |
| **1300** | **1340** | **gray shale/sand** |
| **1340** | **1360** | **sand** |
| **1360** | **1380** | **sand/green shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **8.58** | **Blank** | **New Steel** | | **0** | **1380** |
| **8.58** | **Screen** | **New Stainless Steel** | **0.020** | **1380** | **1460** |
| **8.58** | **Blank** | **New Steel** | | **1460** | **1480** |
| **8.58** | **Screen** | **New Stainless Steel** | **0.020** | **1480** | **1500** |
| **8.58** | **Blank** | **New Steel** | | **1500** | **1520** |

| | | |
|---|---|---|
| **1380** | **1420** | **sand** |
| **1420** | **1440** | **sandy green shale** |
| **1440** | **1480** | **sandy gray shale** |
| **1480** | **1520** | **gray shale/lime** |

---

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**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

# Map ID 121: SDR - 4047 Cochran Chapel Rd

**Map ID: 121**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 459943**

**SDR - Submitted Drillers Report**

**Banks ID: 459943**

**Well Address: 4047 Cochran Chapel Rd, Dallas, TX 75209**

**Rel. Loc.: 4.14mi NE**

**Completion Date: 2017-04-21**

**Drill Depth: 700.0**

**Owner: Mr. Elliot**

**Elevation: 482.28 ft (+73.36 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2017-04-17 |
| **Company Name:** | Earth Tech |
| **Driller Name:** | Thomas Gasmann |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 459943 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 459943 |
| **Diameter:** | 8.75 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 700 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 459943 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #459943

| | | | |
|---|---|---|---|
| Owner: | **Mr. Elliot** | Owner Well #: | **No Data** |
| Address: | **4047 Cochran Chapel Rd Dallas, TX 75209** | Grid #: | **33-10-1** |
| Well Location: | **4047 Cochran Chapel Rd Dallas, TX 75209** | Latitude: | **32° 51' 43.31" N** |
| | | Longitude: | **096° 50' 36.23" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **4/17/2017** Drilling End Date: **4/21/2017**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8.75** | **0** | **700** |

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **620** | **700** | **Gravel** | **12/20** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **100** | **Cement 25 Bags/Sacks** |
| | **610** | **620** | **Bentonite 5 Bags/Sacks** |

Seal Method: **Pumped**

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: **Steel Cased** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **483**

Well Tests: **Pump** **Yield: 21 GPM**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **648 - 700** | **Woodbine** |

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: **Earth Tech**

**145 Rose Lane**
**Frisco, TX 75034**

Driller Name: **Thomas Gasmann** License Number: **56064**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **5** | **topsoil** |
| **5** | **18** | **orange yellow clay** |
| **18** | **45** | **dusty gray chalk** |
| **45** | **480** | **gray shale** |
| **480** | **590** | **sandy gray shale** |
| **590** | **610** | **sand** |
| **610** | **648** | **brown/gray shale** |
| **648** | **700** | **sand** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **4** | **Blank** | **New Steel** | **40** | **0** | **658** |
| **4** | **Screen** | **New Pipe Base Stainless Steel** | **0.020** | **658** | **700** |

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# Map ID 122: SDR - 505 River Front

**Map ID: 122**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 474889**

**SDR - Submitted Drillers Report**

**Banks ID: 474889**

**Well Address: 505 River Front, Dallas, TX**

**Rel. Loc.: 4.14mi SE**

**Completion Date: 2018-02-08**

**Drill Depth: 30.0**

**Owner: Trademark Property Company**

**Elevation: 400.26 ft (-8.66 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2018-02-08 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

## Plug Info

| | |
|---|---|
| **Well Report Tracking Number:** | 474889 |
| **Plugging Report Tracking Number:** | 217759 |
| **Date Submitted:** | 2022-04-05 |
| **Number Of Wells Plugged:** | 1 |
| **Plugging Method:** | Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet |
| **Plugging Method Other Desc:** | |
| **Plugging Date:** | 2022-03-30 |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 474889 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 474889 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 30 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 474889 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 474889 |
| **Measurement:** | 27 |

# STATE OF TEXAS WELL REPORT for Tracking #474889

| | | | |
|---|---|---|---|
| Owner: | **Trademark Property Company** | Owner Well #: | **P-1** |
| Address: | **1701 River Run, Suite 500<br>Fort Worth, TX 76107** | Grid #: | **33-10-8** |
| | | Latitude: | **32° 46' 54.8" N** |
| Well Location: | **505 River Front<br>Dallas, TX** | Longitude: | **096° 49' 06.82" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

****This well has been plugged**** **Plugging Report Tracking #217759**

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Piezometer** |

Drilling Start Date: **2/8/2018** Drilling End Date: **2/8/2018**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **30** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0** | **30** | **Sand** | **16-30** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **4** | **Bentonite 1 Bags/Sacks** |
| **4** | **30** | **Sand 12 Bags/Sacks** |

Seal Method: **Not Applicable**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **27 ft.** below land surface on **2018-02-08**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Scott Campbell** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **30** | **Clay, sandy dark brown to brown** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.1** | **5** | **30** |

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**(512) 334-5540**

# Map ID 128: SDR - 505 River Front

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 128**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 474892**

**SDR - Submitted Drillers Report**

**Banks ID: 474892**

**Well Address: 505 River Front, Dallas, TX**

**Rel. Loc.: 4.23mi SE**

**Completion Date: 2018-02-08**

**Drill Depth: 30.0**

**Owner: Trademark Property Company**

**Elevation: 400.26 ft (-8.66 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2018-02-08 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

## Plug Info

| | |
|---|---|
| **Well Report Tracking Number:** | 474892 |
| **Plugging Report Tracking Number:** | 217760 |
| **Date Submitted:** | 2022-04-05 |
| **Number Of Wells Plugged:** | 1 |
| **Plugging Method:** | Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet |
| **Plugging Method Other Desc:** | |
| **Plugging Date:** | 2022-03-30 |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 474892 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 474892 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 30 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 474892 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 474892 |
| **Measurement:** | 24 |

# STATE OF TEXAS WELL REPORT for Tracking #474892

| | | | |
|---|---|---|---|
| Owner: | **Trademark Property Company** | Owner Well #: | **P-2** |
| Address: | **1701 River Run, Suite 500<br>Fort Worth, TX 76107** | Grid #: | **33-10-8** |
| | | Latitude: | **32° 46' 57.94" N** |
| Well Location: | **505 River Front<br>Dallas, TX** | Longitude: | **096° 48' 58.68" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

****This well has been plugged**** **Plugging Report Tracking #217760**

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Piezometer** |

Drilling Start Date: **2/8/2018** Drilling End Date: **2/8/2018**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **30** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0** | **30** | **Sand** | **16-30** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **4** | **Bentonite 1 Bags/Sacks** |
| **4** | **30** | **Sand 12 Bags/Sacks** |

Seal Method: **Not Applicable**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **24 ft.** below land surface on **2018-02-08**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Scott Campbell** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **30** | **Clay, sandy dark brown to brown** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **5** | **30** |

**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.

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**Texas Department of Licensing and Regulation**
**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

# Map ID 131: SDR - 505 River Front

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 131**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 474894**

**SDR - Submitted Drillers Report**

**Banks ID: 474894**

**Well Address: 505 River Front, Dallas, TX**

**Rel. Loc.: 4.25mi SE**

**Completion Date: 2018-02-08**

**Drill Depth: 30.0**

**Owner: Trademark Property Company**

**Elevation: 400.26 ft (-8.66 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2018-02-08 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 474894 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 474894 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 30 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 474894 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 474894 |
| **Measurement:** | 17 |

# STATE OF TEXAS WELL REPORT for Tracking #474894

| | | | |
|---|---|---|---|
| Owner: | **Trademark Property Company** | Owner Well #: | **P-3** |
| Address: | **1701 River Run, Suite 500<br>Fort Worth, TX 76107** | Grid #: | **33-10-8** |
| Well Location: | **505 River Front<br>Dallas, TX** | Latitude: | **32° 46' 48.11" N** |
| | | Longitude: | **096° 49' 03.11" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Piezometer** |

Drilling Start Date: **2/8/2018** Drilling End Date: **2/8/2018**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **30** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0** | **30** | **Sand** | **16-30** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **4** | **Bentonite 1 Bags/Sacks** |
| **4** | **30** | **Sand 13 Bags/Sacks** |

Seal Method: **Not Applicable**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **17 ft.** below land surface on **2018-02-08**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Scott Campbell** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **30** | **Clay, sandy dark brown to brown** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **5** | **30** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**P.O. Box 12157**
**Austin, TX 78711**
**(512) 334-5540**

## Map ID 132: SDR

| | | |
|---|---|---|
| **Map ID: 132** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 529884** | **SDR - Submitted Drillers Report** | **Banks ID: 529884** |
| **Well Address: IRVING, TX 75039** | | **Rel. Loc.: 4.27mi NW** |
| **Completion Date: 2019-12-06** | | **Drill Depth: 22.0** |
| **Owner: City of Irving** | | **Elevation: 426.51 ft (+17.59 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2019-12-06 |
| **Company Name:** | Savage Excavations LLC |
| **Driller Name:** | Francisco Javier Chavez |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 529884 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 529884 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 22 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 529884 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 529884 |
| **Measurement:** | 14 |

# STATE OF TEXAS WELL REPORT for Tracking #529884

| | | | |
|---|---|---|---|
| Owner: | **City of Irving** | Owner Well #: | **CHPZ-03** |
| Address: | **825 W Irving Boulevard<br>Irving, TX 75060** | Grid #: | **33-09-2** |
| Well Location: | **RIVERSIDE DRIVE AND W NORTHWEST HIGHWAY<br>IRVING, TX 75039** | Latitude: | **32° 51' 57.39" N** |
| | | Longitude: | **096° 55' 40.38" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Water Readings** |

Drilling Start Date: **12/6/2019** Drilling End Date: **12/6/2019**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **7.25** | **0** | **22** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **5** | **22** | **Silica Sand** | **20/40** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **3** | **Concrete 1 Bags/Sacks** |
| **3** | **5** | **TR 30 3/8" Bentonite Pellets 1 Bucket** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **14 ft.** below land surface on **2019-12-06**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Savage Excavations LLC**

**5610 Twin Creeks DR**
**Midlothian, TX 76065**

Driller Name: **Francisco Chavez** License Number: **59886**

Comments: **Geotechnical soil boring and piezometer installation**

**Report Amended on 2/11/2020 by Request #30885**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **3.5** | **Clay- dk brown, very stiff** |
| **3.5** | **10** | **Gravely, lean clay- brown, hard, moist, coarse grained** |
| **10** | **12** | **Clay - brown, stiff, moist** |
| **12** | **17** | **Clay - brown to dk gray, med stiff, moist** |
| **17** | **19** | **Silty Sand - brown to grey,loose, moist** |
| **19** | **22** | **Clay - dk brown to dk grey, stiff, moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **15** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **15** | **20** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 133: SDR - Northbound lane on Riverside Dr.

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 133**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 582111**

**SDR - Submitted Drillers Report**

**Banks ID: 582111**

**Well Address: Northbound lane on Riverside Dr., Irving, TX**

**Rel. Loc.: 4.30mi NW**

**Completion Date: 2021-07-15**

**Drill Depth: 50.0**

**Owner: City of Irving**

**Elevation: 429.79 ft (+20.87 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2021-07-15 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation. |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 582111 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 582111 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 50 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 582111 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 582111 |
| **Measurement:** | 22 |

# STATE OF TEXAS WELL REPORT for Tracking #582111

| | | | |
|---|---|---|---|
| Owner: | **City of Irving** | Owner Well #: | **CHPZ-2113** |
| Address: | **825 W. Irving Blvd.<br>Irving, TX 75060** | Grid #: | **33-09-2** |
| | | Latitude: | **32° 51' 57.86" N** |
| Well Location: | **Northbound lane on Riverside Dr. Irving, TX** | Longitude: | **096° 55' 41.76" W** |
| | **From the intersection of Riverside Dr. & East Las Colinas Blvd. travel 1,560 feet NW on Riverside Dr. to CHPZ-2113. The piezometer will be in the left lane with a flush mount surface completion before the intersection of California Crossing Rd.** | Elevation: | **No Data** |
| Well County: | **Dallas** | | |

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Water Readings** |

Drilling Start Date: **7/15/2021** Drilling End Date: **7/15/2021**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **50** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **14** | **50** | **Silica Sand** | **20-40** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **10.5** | **Bentonite/Cement 2 Bags/Sacks** |
| **10.5** | **14** | **3/8" Bentonite Pellets 2 - 5 gallon bucket** |

Seal Method: **Tremie**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **22 ft.** below land surface on **2021-07-15** Measurement Method: **Steel Tape**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

---

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Scott Campbell** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation.**

---

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **0.75** | **Concrete** |
| **0.75** | **3** | **Sand, clayey, redish brown (base)** |
| **3** | **6** | **Clay, brown, moist calc.** |
| **6** | **14** | **Clay, brown -dark brown, calc. trace of sand** |
| **14** | **16** | **Clay, silty, brown, moist, calc.,** |
| **16** | **18** | **Clay, dark brown, moist, calc.,** |
| **18** | **23** | **Clay, dark brown, moist, calc., increasing with sand** |
| **23** | **24** | **Clay, dark brown, moist, calc., w/ fine sand** |
| **24** | **38** | **Clay, dark brown, moist, calc., w/ fine sand** |
| **38** | **43** | **Clay, dark gray, moist - wet, calc., w/ fine sand** |
| **43** | **50** | **Sand, clayey, olive - olive brown, wet, calc., w/ fine silt** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **39** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **39** | **49** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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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**

## Map ID 134: SDR - 568 Metker

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 134**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 321898**

**SDR - Submitted Drillers Report**

**Banks ID: 321898**

**Well Address: 568 Metker, Irving, TX**

**Rel. Loc.: 4.32mi NW**

**Completion Date: 2013-06-07**

**Drill Depth: 505.0**

**Owner: Courtyard of roses**

**Elevation: 538.06 ft (+129.13 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2013-05-30 |
| **Company Name:** | Priceless water well service |
| **Driller Name:** | Charles A Bulfer |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 321898 |
| **Bore Hole Completion:** | Straight Wall |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 321898 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 505 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 321898 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 321898 |
| **Measurement:** | 240 |

# STATE OF TEXAS WELL REPORT for Tracking #321898

| | | | |
|---|---|---|---|
| Owner: | **Courtyard of roses** | Owner Well #: | **1** |
| Address: | **568 Metker<br>Irving, TX** | Grid #: | **33-09-2** |
| Well Location: | **568 Metker<br>Irving, TX** | Latitude: | **32° 50' 43" N** |
| | | Longitude: | **096° 57' 12" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **5/30/2013** Drilling End Date: **6/7/2013**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **505** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **2** | **120** | **Cement 38sacks** |

Seal Method: **Tremie**

Sealed By: **Driller**

Distance to Property Line (ft.): **75**

Distance to Septic Field or other concentrated contamination (ft.): **300**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **240 ft.** below land surface on **2013-06-06** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **120** | **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: **Priceless water well service**

**12800 timberland drive**
**Keller, TX 76244**

Driller Name: **Charles a Bulfer** License Number: **58222**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **5** | **soil** |
| **5** | **38** | **caliche** |
| **38** | **120** | **shale** |
| **120** | **238** | **sandy shale** |
| **238** | **290** | **pea gravel and shale** |
| **290** | **410** | **sandy shale** |
| **410** | **486** | **course sand and shale** |
| **486** | **495** | **clay 495-505 shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) New/Used Type Setting From/To (ft.) |
|---|
| **4 1/2" new plastic** |
| **-2 -380' blank** |
| **380'-460' .020 screen** |
| **460'- 480' blank** |
| **480-500 .020 screen** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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Please include the report's Tracking Number on your written request.

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# Map ID 135: SDR - 505 River Front

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 135**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 482125**

**SDR - Submitted Drillers Report**

**Banks ID: 482125**

**Well Address: 505 River Front, Dallas, TX**

**Rel. Loc.: 4.35mi SE**

**Completion Date: 2018-04-18**

**Drill Depth: 30.0**

**Owner: Trademark Property Company**

**Elevation: 400.26 ft (-8.66 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2018-04-18 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 482125 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 482125 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 30 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 482125 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 482125 |
| **Measurement:** | 20 |

## Sites in Map ID 135 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 680 |
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 683 |
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 686 |

# STATE OF TEXAS WELL REPORT for Tracking #482125

| | | | |
|---|---|---|---|
| Owner: | **Trademark Property Company** | Owner Well #: | **P-6** |
| Address: | **1701 River Run, Suite 500<br>Fort Worth, TX 76107** | Grid #: | **33-10-8** |
| Well Location: | **505 River Front<br>Dallas, TX** | Latitude: | **32° 46' 48.97" N** |
| | | Longitude: | **096° 48' 55.3" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Piezometer** |

Drilling Start Date: **4/18/2018** Drilling End Date: **4/18/2018**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **30** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **2** | **30** | **Sand** | **16-30** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **4** | **Bentonite 1 Bags/Sacks** |
| **4** | **30** | **Sand 13 Bags/Sacks** |

Seal Method: **Not Applicable**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **20 ft.** below land surface on **2018-04-18**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thomason** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **30** | **Clay, sandy dark brown to brown** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **5** | **30** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 135: SDR - 505 River Front

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 135**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 474896**

**SDR - Submitted Drillers Report**

**Banks ID: 474896**

**Well Address: 505 River Front, Dallas, TX**

**Rel. Loc.: 4.35mi SE**

**Completion Date: 2018-02-08**

**Drill Depth: 30.0**

**Owner: Trademark Property Company**

**Elevation: 400.26 ft (-8.66 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2018-02-08 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 474896 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 474896 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 30 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 474896 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 474896 |
| **Measurement:** | 0 |

## Sites in Map ID 135 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 680 |
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 683 |
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 686 |

# STATE OF TEXAS WELL REPORT for Tracking #474896

| | | | |
|---|---|---|---|
| Owner: | **Trademark Property Company** | Owner Well #: | **P-4** |
| Address: | **1701 River Run, Suite 500<br>Fort Worth, TX 76107** | Grid #: | **33-10-8** |
| Well Location: | **505 River Front<br>Dallas, TX** | Latitude: | **32° 46' 48.97" N** |
| | | Longitude: | **096° 48' 55.3" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Piezometer** |

Drilling Start Date: **2/8/2018** Drilling End Date: **2/8/2018**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **30** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **0** | **30** | **Sand** | **16-30** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **4** | **Bentonite 1 Bags/Sacks** |
| **4** | **30** | **Sand 13 Bags/Sacks** |

Seal Method: **Not Applicable**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **0 ft.** below land surface on **2018-02-08**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Scott Campbell** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **30** | **Clay, sandy dark brown to brown** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **5** | **30** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 135: SDR - 505 River Front

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 135**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 482126**

**SDR - Submitted Drillers Report**

**Banks ID: 482126**

**Well Address: 505 River Front, Dallas, TX**

**Rel. Loc.: 4.35mi SE**

**Completion Date: 2018-04-18**

**Drill Depth: 30.0**

**Owner: Trademark Property Company**

**Elevation: 400.26 ft (-8.66 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2018-04-18 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 482126 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 482126 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 30 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 482126 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 482126 |
| **Measurement:** | 16 |

## Sites in Map ID 135 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 680 |
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 683 |
| SDR | Trademark Property Company | 505 River Front, Dallas, TX | 686 |

# STATE OF TEXAS WELL REPORT for Tracking #482126

| | | | |
|---|---|---|---|
| Owner: | **Trademark Property Company** | Owner Well #: | **P-5** |
| Address: | **1701 River Run, Suite 500<br>Fort Worth, TX 76107** | Grid #: | **33-10-8** |
| Well Location: | **505 River Front<br>Dallas, TX** | Latitude: | **32° 46' 48.97" N** |
| | | Longitude: | **096° 48' 55.3" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Piezometer** |

Drilling Start Date: **4/18/2018** Drilling End Date: **4/18/2018**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **30** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **2** | **30** | **Sand** | **16-30** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **4** | **Bentonite 1 Bags/Sacks** |
| **4** | **30** | **Sand 13 Bags/Sacks** |

Seal Method: **Not Applicable**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **16 ft.** below land surface on **2018-04-18**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

**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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Brent Thomason** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **30** | **Clay, sandy dark brown to brown** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Blank** | **New Plastic (PVC)** | **40** | **0** | **5** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **5** | **30** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 136: SDR - 3001 Maple Avenue

**Map ID: 136**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 541397**

**SDR - Submitted Drillers Report**

**Banks ID: 541397**

**Well Address: 3001 Maple Avenue, Dallas, TX 75201**

**Rel. Loc.: 4.37mi E**

**Completion Date: 2020-04-17**

**Drill Depth: 60.0**

**Owner: ECS Southwest LLP**

**Elevation: 479.00 ft (+70.08 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2020-04-17 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Ricardo Garcia |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 541397 |
| **Bore Hole Completion:** | Screened |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 541397 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 60 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 541397 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Sites in Map ID 136 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| SDR | ECS Southwest LLP | 3001 Maple Avenue, Dallas, TX 75201 | 689 |
| SDR | ECS Southwest LLP | 3001 Maple Avenue, Dallas, TX 75201 | 692 |

# STATE OF TEXAS WELL REPORT for Tracking #541397

| | | | |
|---|---|---|---|
| Owner: | **ECS Southwest LLP** | Owner Well #: | **B-4A** |
| Address: | **3033 Kellway Drive, Suite 110<br>Carrollton, TX 75006** | Grid #: | **33-10-5** |
| Well Location: | **3001 Maple Avenue<br>Dallas, TX 75201** | Latitude: | **32° 47' 52" N** |
| | | Longitude: | **096° 48' 30" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Piezometer**

Drilling Start Date: **4/17/2020** Drilling End Date: **4/17/2020**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.25** | **0** | **60** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Screened**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete** |
| **2** | **30** | **Bentonite** |
| **30** | **42** | **Sand** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **native soil cuttings** | **42** | **60** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Ricardo Garcia** License Number: **54637**

Apprentice Name: **Richard Garcia** Apprentice Number: **59098**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **25** | **black, brown and reddish brown, sandy clay** |
| **25** | **30** | **reddish brown sand** |
| **30** | **35** | **brown, sandy clay** |
| **35** | **39.5** | **light brown, weathered limestone** |
| **39.5** | **60** | **gray shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **32** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **32** | **42** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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# Map ID 136: SDR - 3001 Maple Avenue

**Map ID: 136**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 541396**

**SDR - Submitted Drillers Report**

**Banks ID: 541396**

**Well Address: 3001 Maple Avenue, Dallas, TX 75201**

**Rel. Loc.: 4.37mi E**

**Completion Date: 2020-04-14**

**Drill Depth: 60.0**

**Owner: ECS Southwest LLP**

**Elevation: 479.00 ft (+70.08 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2020-04-13 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Ricardo Garcia |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 541396 |
| **Bore Hole Completion:** | Screened |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 541396 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 60 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 541396 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

## Sites in Map ID 136 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| SDR | ECS Southwest LLP | 3001 Maple Avenue, Dallas, TX 75201 | 689 |
| SDR | ECS Southwest LLP | 3001 Maple Avenue, Dallas, TX 75201 | 692 |

# STATE OF TEXAS WELL REPORT for Tracking #541396

| | | | |
|---|---|---|---|
| Owner: | **ECS Southwest LLP** | Owner Well #: | **B-4** |
| Address: | **3033 Kellway Drive, Suite 110<br>Carrollton, TX 75006** | Grid #: | **33-10-5** |
| Well Location: | **3001 Maple Avenue<br>Dallas, TX 75201** | Latitude: | **32° 47' 52" N** |
| | | Longitude: | **096° 48' 30" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

Type of Work: **New Well** Proposed Use: **Piezometer**

Drilling Start Date: **4/13/2020** Drilling End Date: **4/14/2020**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **7.25** | **0** | **60** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Screened**

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete** |
| **2** | **30** | **Bentonite** |
| **30** | **42** | **Sand** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

| *Description (number of sacks & material)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **native soil cuttings** | **42** | **60** |

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Ricardo Garcia** License Number: **54637**

Apprentice Name: **Richard Garcia** Apprentice Number: **59098**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **20** | **black, brown and reddish brown, sandy clay** |
| **20** | **25** | **light brown sand** |
| **25** | **29** | **light brown, sandy clay** |
| **29** | **30** | **gray shale** |
| **30** | **35** | **light brown clay** |
| **35** | **60** | **gray shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **32** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **32** | **42** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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## Map ID 138: SDR

| | | |
|---|---|---|
| **Map ID: 138** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 373525** | **SDR - Submitted Drillers Report** | **Banks ID: 373525** |
| **Well Address: TX** | | **Rel. Loc.: 4.40mi N** |
| **Completion Date: 2014-07-15** | | **Drill Depth: 408.0** |
| **Owner: Jason Achterbury** | | **Elevation: 479.00 ft (+70.08 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | 518 |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2014-07-14 |
| **Company Name:** | Wade Water Well |
| **Driller Name:** | Melvin T Wade |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 373525 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 373525 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 408 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 373525 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 373525 |
| **Measurement:** | 140 |

# STATE OF TEXAS WELL REPORT for Tracking #373525

| | | | |
|---|---|---|---|
| Owner: | **Jason Achterbury** | Owner Well #: | **No Data** |
| Address: | **cr 4116<br>Cumby, TX** | Grid #: | **33-02-7** |
| Well Location: | **No Data** | Latitude: | **32° 52' 32" N** |
| | | Longitude: | **096° 52' 08" W** |
| Well County: | **Hunt** | Elevation: | **518 ft. above sea level** |
| Type of Work: | **New Well** | Proposed Use: | **Domestic** |

Drilling Start Date: **7/14/2014** Drilling End Date: **7/15/2014**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **8** | **0** | **408** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **340** | **408** | **Gravel** | **1/8** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **10** | **1 portland** |
| | **300** | **340** | **3 portland** |

Seal Method: **trimmie tub**

Sealed By: **Driller**

Distance to Property Line (ft.): **800**

Distance to Septic Field or other concentrated contamination (ft.): **100**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **140 ft.** below land surface on **2014-07-16** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **360**

Well Tests: **Pump** **Yield: 20 GPM with 120 ft. drawdown after 6 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Wade Water Well**

**3437 cr 2176**
**greenville, TX 75402**

Driller Name: **MT Wade** License Number: **2892**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| From (ft) | To (ft) | Description |
|---|---|---|
| **0** | **1** | **black soil** |
| **1** | **9** | **black clay** |
| **9** | **25** | **yellow clay** |
| **25** | **363** | **gray shale** |
| **363** | **369** | **rock** |
| **369** | **408** | **sand** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **4** | **new** | **sch 40 pvc** | **0-388** |
| **4** | **new** | **sand screen ovc** | **388 - 408 #18** |

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# Map ID 150: SDR - 129 Fox Glen Circle

**Map ID: 150**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 118674**

**SDR - Submitted Drillers Report**

**Banks ID: 118674**

**Well Address: 129 Fox Glen Circle, Irving, TX 75062**

**Rel. Loc.: 4.52mi NW**

**Completion Date: 2007-04-20**

**Drill Depth: 500.0**

**Owner: Don Harper**

**Elevation: 521.65 ft (+112.73 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2007-04-18 |
| **Company Name:** | Earth Tech |
| **Driller Name:** | Dale Chepulis |
| **Commentary:** | |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 118674 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 118674 |
| **Diameter:** | 7.875 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 500 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 118674 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #118674

| | | | |
|---|---|---|---|
| Owner: | **Don Harper** | Owner Well #: | **No Data** |
| Address: | **129 Fox Glen Circle<br>Irving, TX 75062** | Grid #: | **33-09-2** |
| Well Location: | **129 Fox Glen Circle<br>Irving, TX 75062** | Latitude: | **32° 51' 20" N** |
| | | Longitude: | **096° 56' 55" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **4/18/2007** Drilling End Date: **4/20/2007**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.875** | **0** | **500** |

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **380** | **500** | **Gravel** | |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **100** | **25 cement** |

Seal Method: **pressure tremmie**

Sealed By: **Driller**

Distance to Property Line (ft.): **12**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Unknown**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **Submersible**

Pump Depth (ft.): **400**

Well Tests: **Pump** **Yield: 30 GPM after 12 hours, no drawdown specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **410** | **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: **Earth Tech**

**145 Rose Lane**
**Frisco, TX 75034**

Driller Name: **Dale Chepulis** License Number: **54840**

Apprentice Name: **Brady Harrison** Apprentice Number: **57753**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **5** | **Topsoil** |
| **5** | **20** | **Brown clay** |
| **20** | **245** | **Gray shale** |
| **245** | **280** | **sand** |
| **280** | **300** | **shale** |
| **300** | **365** | **sand w. shale stks** |
| **365** | **410** | **shale** |
| **410** | **450** | **sand w. shale stks** |
| **450** | **480** | **sand** |
| **480** | **500** | **shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) New/Used Type Setting From/To (ft.) |
|---|
| **4 N Steel 0 440** |
| **4 N Steel Screen 440 500 .035** |

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## Map ID 157: SDR - Northbound lane on Riverside Dr.

| | | |
|---|---|---|
| **Map ID: 157** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 582109** | **SDR - Submitted Drillers Report** | **Banks ID: 582109** |
| **Well Address: Northbound lane on Riverside Dr., Irving, TX** | | **Rel. Loc.: 4.53mi NW** |
| **Completion Date: 2021-07-15** | | **Drill Depth: 50.0** |
| **Owner: City of Irving** | | **Elevation: 429.79 ft (+20.87 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2021-07-15 |
| **Company Name:** | Texplor of Dallas, Inc. |
| **Driller Name:** | Scott James Campbell |
| **Commentary:** | Geotechnical soil boring and piezometer installation. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 582109 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 582109 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 50 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 582109 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 582109 |
| **Measurement:** | 25 |

# STATE OF TEXAS WELL REPORT for Tracking #582109

| | | | |
|---|---|---|---|
| Owner: | **City of Irving** | Owner Well #: | **CHPZ-2116** |
| Address: | **825 W. Irving Blvd.<br>Irving, TX 75060** | Grid #: | **33-09-2** |
| Well Location: | **Northbound lane on Riverside Dr. Irving, TX** | Latitude: | **32° 52' 07.38" N** |
| | | Longitude: | **096° 55' 51.71" W** |
| | **From the intersection of Riverside Dr. & California Crossing Rd. travel 1,166 feet NW on Riverside Dr. to CHPZ-2116. The piezometer will be in the left lane with a flush mount surface completion.** | Elevation: | **No Data** |
| Well County: | **Dallas** | | |

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Water Readings** |

Drilling Start Date: **7/15/2021** Drilling End Date: **7/15/2021**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **50** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **13** | **50** | **Silica Sand** | **20-40** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete 1 Bags/Sacks** |
| **2** | **9** | **Bentonite/Cement 2 Bags/Sacks** |
| **9** | **13** | **3/8" Bentonite Pellets 2 - 5 gallon bucket** |

Seal Method: **Tremie**

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: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **25 ft.** below land surface on **2021-07-15** Measurement Method: **Steel Tape**

Packers: **No Data**

Type of Pump:

**No Data**

Well Tests: **No Test Data Specified**

---

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Texplor of Dallas, Inc.**

**PO Box 793928**
**Dallas, TX 75379**

Driller Name: **Scott Campbell** License Number: **53439**

Comments: **Geotechnical soil boring and piezometer installation.**

---

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **0.75** | **Concrete** |
| **0.75** | **8** | **Clay, dark brown moist, calc. trace of sand** |
| **4** | **17** | **Clay, olive brown, moist fine gravely sand** |
| **5** | **21** | **Clay, dark brown, moist, calc.** |
| **7** | **24** | **Clay, silty, brown, moist, fine brown sand (seepage)** |
| **19** | **33** | **Clay, olive brown, moist, calc. sand layers 25' to 27'** |
| **33** | **48** | **Clay, yellow brown/olive, moist, calc., trace of sand** |
| **48** | **50** | **Sand, clayey, moist, wet** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **39** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **39** | **49** |

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## Map ID 162: SDR

| | | |
|---|---|---|
| **Map ID: 162** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 529882** | **SDR - Submitted Drillers Report** | **Banks ID: 529882** |
| **Well Address: Irving, TX 75039** | | **Rel. Loc.: 4.60mi NW** |
| **Completion Date: 2019-12-06** | | **Drill Depth: 22.0** |
| **Owner: City of Irving** | | **Elevation: 423.23 ft (+14.30 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | Other |
| **Drilling Start Date:** | 2019-12-06 |
| **Company Name:** | Savage Excavations LLC |
| **Driller Name:** | Francisco Javier Chavez |
| **Commentary:** | Geotechnical soil boring and piezometer installation. |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 529882 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 529882 |
| **Diameter:** | 7.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 22 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 529882 |
| **Drilling Method:** | Hollow Stem Auger |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #529882

| | | | |
|---|---|---|---|
| Owner: | **City of Irving** | Owner Well #: | **CHPZ-07** |
| Address: | **825 W Irving Boulevard<br>Irving, TX 76060** | Grid #: | **33-09-2** |
| Well Location: | **INTERSECTION OF RIVERSIDE DRIVE AND W NORTHWEST HIGHWAY<br>Irving, TX 75039** | Latitude: | **32° 52' 10.64" N** |
| | | Longitude: | **096° 55' 53.97" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |

| | | | |
|---|---|---|---|
| Type of Work: | **Geotechnical Piezometer** | Proposed Use: | **Geotechnical Water Readings** |

Drilling Start Date: **12/6/2019** Drilling End Date: **12/6/2019**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **7.25** | **0** | **22** |

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **5** | **22** | **Silica Sand** | **20/40** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **3** | **Cement 1 Bags/Sacks** |
| | **3** | **5** | **TR 30 3/8" Bentonite Pellets 1 Bucket** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Savage Excavations LLC**

**PO Box 158**
**Midlothian, TX 76065**

Driller Name: **Francisco Chavez** License Number: **59886**

Comments: **Geotechnical soil boring and piezometer installation.**

**Report Amended on 2/11/2020 by Request #30886**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **2.5** | **Clay- dk brown, very stiff, moist** |
| **2.5** | **11** | **Clay- brown, hard, moist** |
| **11** | **16** | **Clay - dk brown, very stiff, moist** |
| **16** | **22** | **Clay - brown, stiff, moist** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **15** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **15** | **20** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**(512) 334-5540**

## Map ID 171: SDR - 4702 E. Main

**Map ID: 171**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 569643**

**SDR - Submitted Drillers Report**

**Banks ID: 569643**

**Well Address: 4702 E. Main, Grapevine, TX 75050**

**Rel. Loc.: 4.67mi SW**

**Completion Date: 2021-01-28**

**Drill Depth: 500.0**

**Owner: Yello Belly Drag Trip**

**Elevation: 429.79 ft (+20.87 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2021-01-21 |
| **Company Name:** | Barco Well Service, LP |
| **Driller Name:** | Jason M Flynt |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 569643 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 569643 |
| **Diameter:** | 9.875 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 500 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 569643 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

### Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 569643 |
| **Measurement:** | |

# STATE OF TEXAS WELL REPORT for Tracking #569643

| | | | |
|---|---|---|---|
| Owner: | **Yello Belly Drag Trip** | Owner Well #: | **No Data** |
| Address: | **4702 E. Main<br>Grapevine, TX 75050** | Grid #: | **33-09-8** |
| Well Location: | **4702 E. Main<br>Grapevine, TX 75050** | Latitude: | **32° 45' 02.7" N** |
| | | Longitude: | **096° 55' 55.1" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **1/21/2021** Drilling End Date: **1/28/2021**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **9.875** | **0** | **500** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| Filter Pack Intervals: | **240** | **500** | **Gravel** | **12/20** |

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **0** | **20** | **Cement 10 Bags/Sacks** |
| | **20** | **240** | **Bentonite 11 Bags/Sacks** |

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **Over 50**

Distance to Septic Field or other concentrated contamination (ft.): **Over 50**

Distance to Septic Tank (ft.): **Over 50**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **No Data** on **2021-01-28**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Pump** **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **Barco Well Service, LP**

**PO Box 2406**
**Keller, TX 76424**

Driller Name: **Jason M Flynt** License Number: **59359**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **20** | **Rock/Sand Clay** |
| **20** | **40** | **lay/Gray Shale/Pea Gravel** |
| **40** | **60** | **Gray Shale/ Pea Gravel** |
| **60** | **140** | **Gray Shale** |
| **140** | **240** | **Black Shale** |
| **240** | **400** | **Sand/Shale** |
| **400** | **460** | **Sand/Blue Shale/Shale** |
| **460** | **480** | **Sand/Shale** |
| **480** | **500** | **Shale/Purple Shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **4.5** | **Blank** | **New Plastic (PVC)** | **SDR 17** | **0** | **340** |
| **4.5** | **Screen** | **New Plastic (PVC)** | **SDR 17 0.020** | **34** | **360** |
| **4.5** | **Blank** | **New Plastic (PVC)** | **SDR 17** | **360** | **380** |
| **4.5** | **Screen** | **New Plastic (PVC)** | **SDR 17 0.020** | **380** | **400** |
| **4.5** | **Blank** | **New Plastic (PVC)** | **SDR 17** | **400** | **420** |
| **4.5** | **Screen** | **New Plastic (PVC)** | **SDR 17 0.020** | **420** | **440** |
| **4.5** | **Blank** | **New Plastic (PVC)** | **SDR 17** | **440** | **460** |
| **4.5** | **Screen** | **New Plastic (PVC)** | **SDR 17 0.020** | **460** | **480** |
| **4.5** | **Blank** | **New Plastic (PVC)** | **SDR 17** | **480** | **500** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**(512) 334-5540**

# Map ID 173: SDR - 429 South Morocco Avenue

**Map ID: 173**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 255992**

**SDR - Submitted Drillers Report**

**Banks ID: 255992**

**Well Address: 429 South Morocco Avenue, Dallas, TX 75211**

**Rel. Loc.: 4.71mi S**

**Completion Date: 2011-01-18**

**Drill Depth: 2440.0**

**Owner: Dallas National Golf Club**

**Elevation: 518.37 ft (+109.45 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | 529 |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2010-08-23 |
| **Company Name:** | J L Myers Company |
| **Driller Name:** | Michael D Raulston |
| **Commentary:** | |

## Bore Hole Completion

| Well Report Tracking Number | Bore Hole Completion | Bore Hole Completion Other Desc |
|---|---|---|
| 255992 | Filter Packed | |
| 255992 | Under-reamed | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 255992 |
| **Diameter:** | 14.75 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 2440 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 255992 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 255992 |
| **Measurement:** | 656 |

# STATE OF TEXAS WELL REPORT for Tracking #255992

| | | | |
|---|---|---|---|
| Owner: | **Dallas National Golf Club** | Owner Well #: | **1** |
| Address: | **1515 Knoxville<br>Dallas, TX 75211** | Grid #: | **33-17-3** |
| Well Location: | **429 South Morocco Avenue<br>Dallas, TX 75211** | Latitude: | **32° 44' 31" N** |
| | | Longitude: | **096° 54' 32" W** |
| Well County: | **Dallas** | Elevation: | **529 ft. above sea level** |

Type of Work: **New Well** Proposed Use: **Irrigation**

Drilling Start Date: **8/23/2010** Drilling End Date: **1/18/2011**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **14.75** | **0** | **2440** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed; Under-reamed**

| | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| Annular Seal Data: | **-2** | **40** | **30 Concrete** |
| | **0** | **2255** | **700 plus 6% gel** |

Seal Method: **Pump Down Plug**

Sealed By: **Quasar Energy Services**

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: **656 ft.** below land surface on **2011-01-21** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **924**

Well Tests: **Pump** **Yield: 595 GPM with 86 ft. drawdown after 12 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

Chemical Analysis Made: **Yes**

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: **J L Myers Company**

**PO Box 1659**
**Terrell, TX 75160**

Driller Name: **Michael Raulston** License Number: **4790**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **2** | **Soil** |
| **2** | **348** | **Shale** |
| **348** | **535** | **Shale, lime, and sand** |
| **535** | **689** | **Broken sand with shale** |
| **689** | **910** | **Shale, sand, clay** |
| **910** | **1171** | **Clay, limestone** |
| **1171** | **1220** | **Clay,limestone** |
| **1220** | **1355** | **Sand, clay, shale** |
| **1355** | **1433** | **Shale, clay, limestone** |
| **1433** | **1517** | **Limestone, clay** |
| **1517** | **1551** | **Limestone, clay** |
| **1551** | **1650** | **Shale, limestone** |
| **1650** | **1689** | **Limestone** |
| **1689** | **1741** | **Lime, limestone** |
| **1741** | **1917** | **Limestone, shale** |
| **1917** | **1967** | **Shale** |
| **1967** | **2076** | **Shale, broken sand** |
| **2076** | **2105** | **Shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) | New/Used | Type | Setting From/To (ft.) |
|---|---|---|---|
| **18** | **N** | **Steel** | **0 35** |
| **10** | **N** | **Steel** | **+2 2255** |
| **6** | **N** | **Steel** | **2116 2263** |
| **6** | **N** | **SSWW** | **Screen 2263 2357** |
| **6** | **N** | **Steel** | **2357 2369** |
| **6** | **N** | **SSWW** | **2369 2419** |
| **6** | **N** | **Steel** | **2419 2440** |

| | | |
|---|---|---|
| **2105** | **2273** | **Shale, clay** |
| **2273** | **2421** | **Sand** |
| **2421** | **2440** | **Shale, clay** |

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**(512) 334-5540**

## Map ID 186: SDR - 4101 Beverly Dr.

**Map ID: 186**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 628832**

**SDR - Submitted Drillers Report**

**Banks ID: 628832**

**Well Address: 4101 Beverly Dr., Highland Park, TX 75205**

**Rel. Loc.: 4.86mi E**

**Completion Date: 2022-10-21**

**Drill Depth: 1798.0**

**Owner: Ring**

**Elevation: 501.97 ft (+93.04 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2022-09-22 |
| **Company Name:** | THI WATER WELL |
| **Driller Name:** | Paul W Spruiell |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 628832 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 628832 |
| **Diameter:** | 12.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 1798 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 628832 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

# STATE OF TEXAS WELL REPORT for Tracking #628832

| | | | |
|---|---|---|---|
| Owner: | **Ring** | Owner Well #: | **1** |
| Address: | **4101 Beverly Dr.<br>Highland Park, TX 75205** | Grid #: | **33-10-5** |
| Well Location: | **4101 Beverly Dr.<br>Highland Park, TX 75205** | Latitude: | **32° 49' 55.87" N** |
| | | Longitude: | **096° 48' 10.98" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Irrigation** |

Drilling Start Date: **9/22/2022** Drilling End Date: **10/21/2022**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **12.25** | **0** | **1798** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **1440** | **1795** | **Sand** | **12/20** |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **1540** | **Cement 542 Bags/Sacks** |

Seal Method: **Pressure**

Sealed By: **Qazuar Cementers**

Variance Number: **Engineer**

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 Sleeve Installed** **Surface Completion NOT by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **1092**

Well Tests: **Pump** **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **1540 - 1760** | **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: **THI WATER WELL**

**P O BOX 1419**
**BOWIE, TX 76230**

Driller Name: **Paul W. Spruiell** License Number: **54275**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **2** | **top soil** |
| **2** | **630** | **lime and shale** |
| **630** | **1170** | **green shale lime** |
| **1170** | **1530** | **shale lime** |
| **1530** | **1620** | **gren sandy shale lime** |
| **1620** | **1710** | **sand red bed shale** |
| **1710** | **1790** | **sand and shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **8** | **Blank** | **New Steel** | **.25** | **0** | **1540** |
| **4.5** | **Blank** | **New Steel** | **0.25** | **1439** | **1540** |
| **4.5** | **Screen** | **New Pipe Base Stainless Steel** | **0.020** | **1540** | **1580** |
| **4.5** | **Blank** | **New Steel** | **0.25** | **1580** | **1640** |
| **4.5** | **Screen** | **New Pipe Base Stainless Steel** | **0.020** | **1640** | **1780** |
| **4.5** | **Blank** | **New Steel** | **0.25** | **1780** | **1790** |

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# Map ID 194: SDR - 1004 MacArthur Blvd

**Map ID: 194**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 571545**

**SDR - Submitted Drillers Report**

**Banks ID: 571545**

**Well Address: 1004 MacArthur Blvd, Grand Prarie, TX 75050**

**Rel. Loc.: 4.93mi SW**

**Completion Date: 2020-12-29**

**Drill Depth: 450.0**

**Owner: Thompson Pipe Group**

**Elevation: 433.07 ft (+24.15 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | 434 |
| **Type Of Work:** | Replacement |
| **Drilling Start Date:** | 2020-12-16 |
| **Company Name:** | Erwin Water Well Drilling |
| **Driller Name:** | Robert Brent Erwin |
| **Commentary:** | Drilled for Priceless Water Well Service |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 571545 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 571545 |
| **Diameter:** | 12.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 450 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 571545 |
| **Drilling Method:** | Air Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 571545 |
| **Measurement:** | 185 |

## Sites in Map ID 194 Cluster

| Dataset | Well Name | Well Address | Page # |
|---|---|---|---|
| PWS | FORTERRA PRESSURE PIPE GRAND PRAIRIE | TX | 571 |
| SDR | Thompson Pipe Group | 1004 MacArthur Blvd, Grand Prarie, TX 75050 | 720 |

# STATE OF TEXAS WELL REPORT for Tracking #571545

| | | | |
|---|---|---|---|
| Owner: | **Thompson Pipe Group** | Owner Well #: | **4** |
| Address: | **1004 MacArthur Blvd<br>Grand Prarie, TX 75050** | Grid #: | **33-09-7** |
| Well Location: | **1004 MacArthur Blvd<br>Grand Prarie, TX 75050** | Latitude: | **32° 46' 02.28" N** |
| | | Longitude: | **096° 57' 31.68" W** |
| Well County: | **Dallas** | Elevation: | **434 ft. above sea level** |
| Type of Work: | **Replacement** | Proposed Use: | **Public Supply** |

Drilling Start Date: **12/16/2020** Drilling End Date: **12/29/2020** **Plans Approved by TCEQ - YES**
**PWS# 0570166**

| | *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|---|
| Borehole: | **12.25** | **0** | **450** |

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

| Filter Pack Intervals: | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|---|
| | **355** | **450** | **Sand** | **8/16** |

| Annular Seal Data: | *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|---|
| | **0** | **355** | **Cement 125 Bags/Sacks** |

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **360**

Distance to Septic Field or other concentrated contamination (ft.): **150+**

Distance to Septic Tank (ft.): **n/a**

Method of Verification: **Map**

Surface Completion: **Surface Slab Installed** **Surface Completion by Driller**

Water Level: **185 ft.** below land surface on **2021-01-27** Measurement Method: **Sonic/Radar**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **357**

Well Tests: **Pump** **Yield: 200 GPM with 20 ft. drawdown after 36 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **360 - 448** | **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: **Erwin Water Well Drilling**

**6991 FM 4**
**Jacksboro, TX 76458**

Driller Name: **Robert Brent Erwin** License Number: **60444**

Comments: **Drilled for Priceless Water Well Service**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **2** | **Rock pad** |
| **2** | **6** | **Yellow sand rock** |
| **6** | **13** | **Clay** |
| **13** | **19** | **Sand and gravel** |
| **19** | **128** | **Gray shale** |
| **128** | **176** | **Sand w/gray shale** |
| **176** | **360** | **Gray shale** |
| **360** | **395** | **Gray shale w/sand layers** |
| **395** | **448** | **Sand** |
| **448** | **450** | **Gray shale** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **8** | **Blank** | **New Plastic (PVC)** | **SDR17** | **0** | **360** |
| **8** | **Perforated or Slotted** | **New Plastic (PVC)** | **SDR17 0.020** | **360** | **450** |

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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**Austin, TX 78711**
**(512) 334-5540**

# Map ID 195: SDR - Int. 30 E. of Macauther

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

**Map ID: 195**

**Source: Texas Water Development Board**

**Well Report Tracking Number: 1873**

**SDR - Submitted Drillers Report**

**Banks ID: 1873**

**Well Address: Int. 30 E. of Macauther, Grand Prairie, TX**

**Rel. Loc.: 4.93mi SW**

**Completion Date: 2001-06-26**

**Drill Depth: 458.0**

**Owner: Deavers Construction L.P.**

**Elevation: 433.07 ft (+24.15 ft)**

| | |
|---|---|
| **Number Of Wells Drilled:** | |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2001-06-01 |
| **Company Name:** | R.L.Wagstaff Co. |
| **Driller Name:** | Hubert Sharp Thompson Jr |
| **Commentary:** | Gravel packed bottom 50 with 8-16,the rest of the way up with .25 pea gravel. |

## Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 1873 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

## Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 1873 |
| **Diameter:** | 8 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 458 |

## Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 1873 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

## Levels

| | |
|---|---|
| **Well Report Tracking Number:** | 1873 |
| **Measurement:** | 158 |

# STATE OF TEXAS WELL REPORT for Tracking #1873

| | | | |
|---|---|---|---|
| Owner: | **Deavers Construction L.P.** | Owner Well #: | **No Data** |
| Address: | **1601 Rio Grande, Suite 343 Austin, TX 78701** | Grid #: | **33-09-8** |
| Well Location: | **Int. 30 E. of Macauther Grand Prairie, TX** | Latitude: | **32° 45' 33" N** |
| | | Longitude: | **096° 57' 04" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Industrial** |

Drilling Start Date: **6/1/2001** Drilling End Date: **6/26/2001**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8** | **0** | **458** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **60** | **458** | **Gravel** | |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **60** | **19** |

Seal Method: **Pressure trimine**

Sealed By: **Hubert Thompson**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **N/A**

Surface Completion: **Surface Sleeve Installed**

Water Level: **158 ft.** below land surface on **2001-06-20** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Pump** **Yield: 75 GPM with 30 ft. drawdown after 1 hours**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **428** | **ground** |

Chemical Analysis Made: **Unknown**

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: **R.L.Wagstaff Co.**

**1212 Ross Lane**
**Seagoville, TX 75159**

Driller Name: **Hubert S. Thompson** License Number: **2413**

Apprentice Name: **Robert L. Wagstaff** Apprentice Number: **596**

Comments: **Gravel packed bottom 50 with 8-16,the rest of the way up with .25 pea gravel.**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **10** | **Fill (clay)** |
| **10** | **24** | **Clay native** |
| **24** | **28** | **Sand and gravel** |
| **28** | **62** | **Clay gray** |
| **62** | **410** | **Light gray clay and shale mix** |
| **410** | **428** | **Gray shale tough** |
| **428** | **455** | **Sand gravel mix** |
| **455** | **458** | **Shale tough** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia. (in.) New/Used Type Setting From/To (ft.) |
|---|
| **4 N .016 Slotted Pvc 458-418 Sch.40** |
| **4 N Pvc Risher 418-3agl Sch.80** |
| **10 U Steel pipe 8-3agl 1/4"** |

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## Map ID 197: SDR - 2121 Maple Routh Connection

| | | |
|---|---|---|
| **Map ID: 197** | | **Source: Texas Water Development Board** |
| **Well Report Tracking Number: 544914** | **SDR - Submitted Drillers Report** | **Banks ID: 544914** |
| **Well Address: 2121 Maple Routh Connection, Dallas, TX 75201** | | **Rel. Loc.: 4.97mi E** |
| **Completion Date: 2020-05-18** | | **Drill Depth: 70.0** |
| **Owner: Stonelake Capitsl Partners** | | **Elevation: 459.32 ft (+50.39 ft)** |

| | |
|---|---|
| **Number Of Wells Drilled:** | 1 |
| **Elevation:** | |
| **Type Of Work:** | New Well |
| **Drilling Start Date:** | 2020-05-18 |
| **Company Name:** | WEST Drilling |
| **Driller Name:** | Ricardo Garcia |
| **Commentary:** | |

### Bore Hole Completion

| | |
|---|---|
| **Well Report Tracking Number:** | 544914 |
| **Bore Hole Completion:** | Filter Packed |
| **Bore Hole Completion Other Desc:** | |

### Bore Hole Info

| | |
|---|---|
| **Well Report Tracking Number:** | 544914 |
| **Diameter:** | 8.25 |
| **Top Depth:** | 0 |
| **Bottom Depth:** | 70 |

### Drilling Method

| | |
|---|---|
| **Well Report Tracking Number:** | 544914 |
| **Drilling Method:** | Mud (Hydraulic) Rotary |
| **Drilling Method Other Desc:** | |

# End of SDR Section

# End of Water Well Details Section

# STATE OF TEXAS WELL REPORT for Tracking #544914

| | | | |
|---|---|---|---|
| Owner: | **Stonelake Capitsl Partners** | Owner Well #: | **B-1** |
| Address: | **100 Crescent Court, Suite 500 Dallas, TX 75201** | Grid #: | **33-10-5** |
| Well Location: | **2121 Maple Routh Connection Dallas, TX 75201** | Latitude: | **32° 47' 35" N** |
| | | Longitude: | **096° 47' 56.5" W** |
| Well County: | **Dallas** | Elevation: | **No Data** |
| Type of Work: | **New Well** | Proposed Use: | **Piezometer** |

Drilling Start Date: **5/18/2020** Drilling End Date: **5/18/2020**

Borehole:

| *Diameter (in.)* | *Top Depth (ft.)* | *Bottom Depth (ft.)* |
|---|---|---|
| **8.25** | **0** | **70** |

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Filter Material* | *Size* |
|---|---|---|---|
| **18** | **70** | **Sand** | |

Annular Seal Data:

| *Top Depth (ft.)* | *Bottom Depth (ft.)* | *Description (number of sacks & material)* |
|---|---|---|
| **0** | **2** | **Concrete** |
| **2** | **18** | **Bentonite** |

Seal Method: **Gravity**

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** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

| Strata Depth (ft.) | Water Type |
|---|---|
| **No Data** | **No Data** |

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: **WEST Drilling**

**101 Industrial Drive**
**Waxahachie, TX 75165**

Driller Name: **Ricardo Garcia** License Number: **54637**

Apprentice Name: **Joseph Garcia** Apprentice Number: **58151**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

| Top (ft.) | Bottom (ft.) | Description |
|---|---|---|
| **0** | **20** | **brown clay** |
| **20** | **25** | **light brown, weathered limestone** |
| **25** | **70** | **gray, unweathered limestone** |

Casing:
BLANK PIPE & WELL SCREEN DATA

| Dia (in.) | Type | Material | Sch./Gage | Top (ft.) | Bottom (ft.) |
|---|---|---|---|---|---|
| **2** | **Riser** | **New Plastic (PVC)** | **40** | **0** | **20** |
| **2** | **Screen** | **New Plastic (PVC)** | **40 0.010** | **20** | **70** |

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## Dataset Descriptions and Sources

| Dataset | Source | Dataset Description | Update Schedule | Requested Date | Received Date | Update Date | Source Update Date |
|---|---|---|---|---|---|---|---|
| HIST - Historical Waterwell (TX) | TCEQ | This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log. | Historical | | | | |
| GWS - Groundwater Supply (TX) | Texas Water Development Board | This dataset contains water well records contained within Texas Water Development Board Groundwater Database. | Quarterly | 2024-01-16 | 2024-01-16 | 2024-03-26 | 2024-01-16 |
| WW - Water Well (US) | U.S. Geological Survey | This dataset contains groundwater well records from the U.S. Geological Survey. | Quarterly | 2023-04-05 | 2023-04-05 | 2023-04-05 | 2023-04-05 |
| PWS - Public Water Supply (TX) | TCEQ | This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. | Quarterly | 2024-01-16 | 2024-01-16 | 2024-04-15 | 2024-01-16 |
| SDR - Submitted Drillers Report (TX) | Texas Water Development Board | This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database. | Quarterly | 2024-02-14 | 2024-02-14 | 2024-04-05 | 2024-02-14 |

## Disclaimer

The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.