Drinking Water Survey Report Transmittal Form
(Remediation Division, TCEQ)

Remediation Division Program: LPST	**Transmittal Date: 6/1/2023**
Program ID No.: 121554 **Regulated Entity Reference No.: RN101909679** **Customer Reference No.: CN606022341**	**Document Date: 5/31/2023**
Facility Name: Former Brocks Allied	**Submittal** ☒ With Initial Release Documentation ☐ Expedited TCEQ Request ☐ Non-Expedited TCEQ Request

Physical address of property where groundwater assessment was conducted.

Street: 1505 East Erwin Street

City: Tyler, Texas 75702

Have you contacted the applicable groundwater conservation district? (This is a required step—it must be completed. Choose NA only if there is no groundwater conservation district for the area.)	☐ Yes		☒ NA
Has the extent of groundwater contamination been defined to residential health-based values for ingestion?	☐ Yes	☒ No	
If the extent of groundwater contamination has been defined to residential health-based values for ingestion, are any private drinking water wells located within the groundwater contaminant plume?	☐ Yes	☐ No	☒ NA
If the extent of groundwater contamination has not been defined to residential health-based values for ingestion, are any private drinking water wells located within a 0.25-mile radius of the known extent of groundwater contamination?	☐ Yes	☒ No	☐ NA

ETTL Engineers & Consultants Inc.

GEOTECHNICAL ✶ MATERIALS ✶ ENVIRONMENTAL ✶ DRILLING ✶ LANDFILLS

May 31, 2023
Tyler, Texas

Mr. Juan Carlos Barron
1603 East Elm Street
Tyler, Texas 75702-6342

and

Texas Commission on Environmental Quality
MC-137
P.O. Box 13087
Austin, Texas 78711-3087

RE: Drinking Water Survey Report
Former Brocks Allied
1505 East Erwin Street
Tyler (Smith County), Texas 75702
Facility ID No.: 14955
LPST ID No.: 121554

Dear Mr. Barron:

ETTL Engineers & Consultants Inc. is pleased to submit the accompanying Drinking Water Survey Report for the above-referenced property. Should there be a need for clarification, please feel free to contact us at your convenience. We appreciate the opportunity to provide you with this service.

Sincerely,

ETTL ENGINEERS & CONSULTANTS INC.

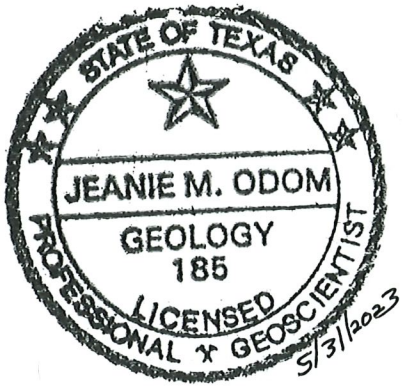
Jeanie M. Odom, P.G.
Senior Project Manager

Drinking Water Survey Report

Former Brocks Allied
1505 East Erwin Street
Tyler (Smith County), Texas 75702

Prepared for:

Mr. Juan Carlos Barron
1603 East Elm Street
Tyler, Texas 75702-6342



ETTL Project E 3248-2022
May 31, 2023

Jeanie M. Odom, P.G.
Geologist

Morgyn C. Fulgham
Geologist

Steven R. Kennedy, C.E.P.
Principal Consultant

Prepared by:
ETTL Engineers and Consultants Inc.
Texas Registered Engineering Firm #F3208
1717 E. Erwin Street, Tyler Texas 75702
903-595-4421 (phone) 903-595-6113 (fax)

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EXECUTIVE SUMMARY

The site is currently utilized as an automotive repair facility. The store is situated on the southwestern portion of the site with the former tank beds on the east side, south side, and west side of the store. The former pump islands are located on the north side of the store. Surface cover for the facility is concrete and asphalt. The site lies within the city limits of Tyler, Texas and is located in an area that is primarily residential.

ETTL initially performed a preliminary Phase II investigation which included the completion of one (1) temporary well to investigate potential groundwater contamination at the subject site. The preliminary investigation indicated groundwater chemicals of concerns (COCs) are above Texas Risk Reduction Program (TRRP) applicable permissible limits. An elevated groundwater level the above protective concentration limit (PCL) for groundwater ingestion was noted for benzene in probehole (PH-1).

ETTL installed four (4) permanent groundwater monitoring wells to delineate potential groundwater contamination at the site. The groundwater investigation performed at the site confirms groundwater COCs are above TRRP applicable permissible limits. Elevated groundwater levels above PCLs for groundwater ingestion were noted for benzene in three (3) groundwater monitoring wells (MW-2, MW-3, and MW-4).

No areas were found to be located within a 0.25-mile radius of the site that were not connected to a public water supply source other than a parking lot for a restaurant. No private drinking water wells were found to exist that could potentially be affected by the groundwater contamination at the LPST facility.

SECTION 1 – Groundwater Contamination

The preliminary Phase II investigation, conducted by ETTL, indicates groundwater COCs are above TRRP applicable permissible limits. An elevated groundwater level above the PCL for groundwater ingestion was noted for benzene in probehole (PH-1).

ETTL installed a total of four (4) permanent on-site groundwater monitoring wells. Based upon the December 16, 2022 groundwater sampling event, the highest level for COCs found to be above PST action level is for benzene in three (3) monitoring wells (MW-2, MW-3, and MW-4).

The initial water well search identified six (6) water wells located within 0.5-mile radius of the subject site. Upon further review, four (4) of the water wells are determined to be recovery wells for Delek Refining, and the remaining two (2) water wells no longer exist.

All permanent groundwater monitoring wells have been sampled. The lateral extent of groundwater contamination has not been fully delineated to residential health-based standards. Direction of groundwater flow is primarily to the north-northeast.

SECTION 2 – Public Water Supply Availability and Connection

Within the 0.5-mile radius of the site, the site and the surrounding area lie inside the city limits of Tyler, Texas. The City of Tyler provides water services for all areas within the 0.5-mile radius of the site. One lot being utilized as a parking lot for a restaurant does not presently have a water meter connection. ETTL reviewed water well addresses for permits issued by the City of Tyler since 1999. The list of water wells permitted by the City of Tyler is located in Attachment 3.

Potable water is supplied to all parts of the affected property by the City of Tyler. The sources of water for the City consists of surface water obtained from Lake Tyler (between Aplin Cove and Chapman Point) and Lake Palestine. Lake Tyler is 9.9 miles southeast of the subject site and Lake Palestine is 11.24 miles southwest of the subject site. The City of Tyler's closest water supply well is located 1.54 miles southwest of the affected property and is completed within the Carrizo/Wilcox Aquifer. The City of Tyler has not pumped from their water supply wells in the past five (5) years.

Documentation:

Source	Company	Contact Information
500-foot walking receptor survey	ETTL Engineers & Consultants Inc.	Morgyn Fulgham 903-595-4421
0.25-mile door-to-door survey	ETTL Engineers & Consultants Inc.	Morgyn Fulgham 903-595-4421
Mr. Shane Wheeler – Manager of Water Utility Production	City of Tyler – Utilities & Public Works	903-939-8716
Mrs. Pam Lee – Sr. Utility Specialist	City of Tyler – Utilities & Public Works	903-531-1238

SECTION 3 – Groundwater Production Zones

The Sparta Sand outcrops at the referenced site. Groundwater at the subject site was encountered at depths ranging from approximately 10 to 13 feet below ground surface (bgs). Six (6) water wells were documented during the records search, the 500-foot walking receptor survey, the 0.25-mile door-to-door survey, and the 0.5-mile driving survey.

Durable Mobile Homes, Inc. (34-46-3D) is located 0.27 miles east of the subject site. This well could not be found during the 0.5-mile driving survey and is not believed to exist.

Entex, Inc. (34-46-2A) is located 0.41 miles west-northwest of the subject site. This well could not be found during the 0.5-mile driving survey and is not believed to exist. Additionally, this well was constructed of old steel with no screen interval. This is not believed to be a drinking water well, but used for cathodic protection, based upon previous experience.

Delek Logistics Partners, LP (569240) is a recovery well for hydrocarbons and not a drinking water well.

Delek Logistics Partners, LP (569239) is a recovery well for hydrocarbons and not a drinking water well.

Delek Logistics Partners, LP (569241) is a recovery well for hydrocarbons and not a drinking water well.

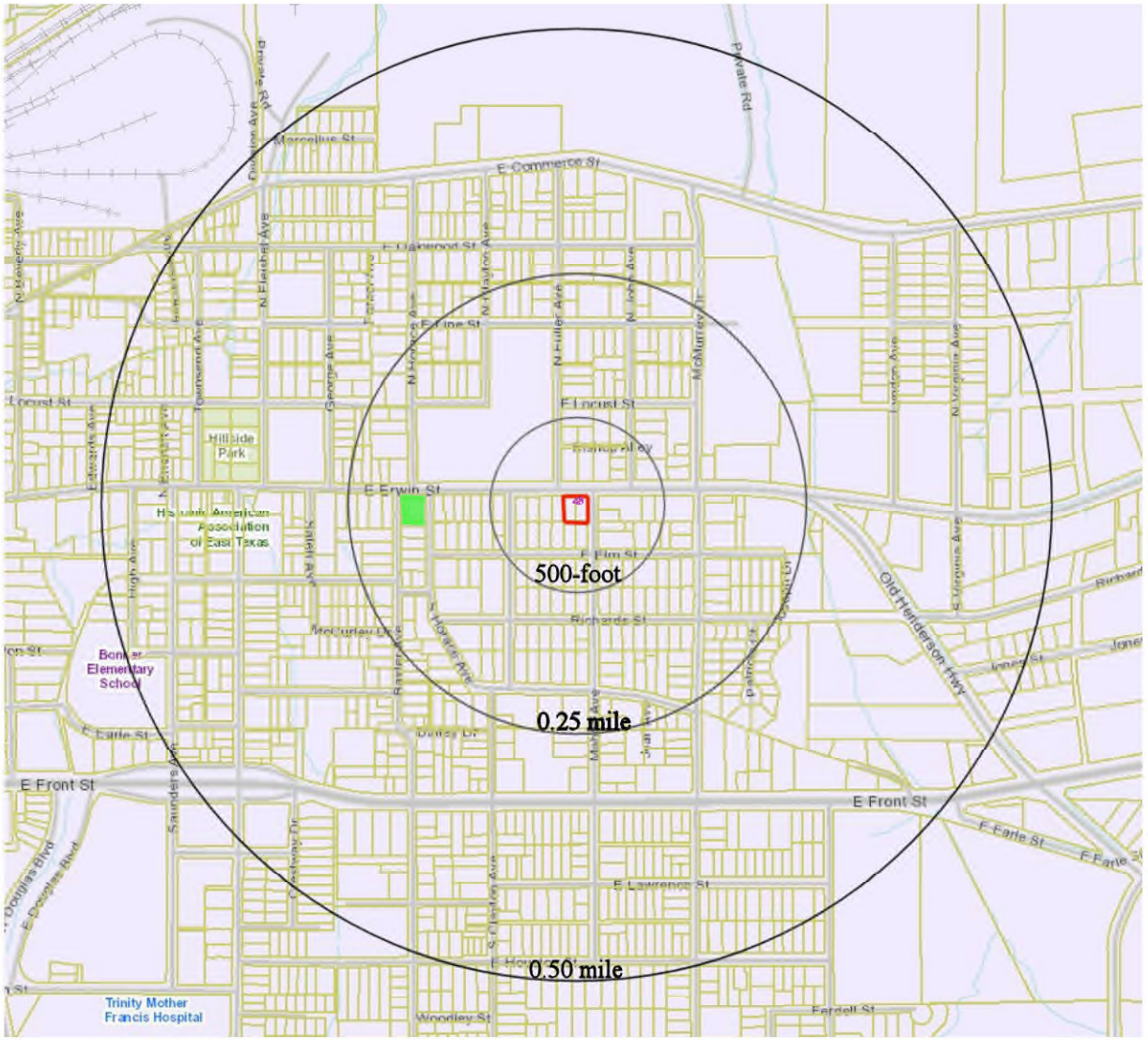
Delek Logistics Partners, LP (569238) is a recovery well for hydrocarbons and not a drinking water well.

Documentation:

Source	Company	Contact Information
Water Well Report	ERIS	1-800-517-5204

SECTION 4 – Affected or Potentially Affected Water Wells

No private drinking water wells were found to be located within a 0.25-mile radius of the undefined plume at the subject site.



Legend

- -Property Boundary
- -Known extent of undefined area of groundwater contamination
- -Area without supplied public water

N

Map of Water Well Locations

Former Brocks Allied
1505 E Erwin Street
Tyler, Texas 75702
Smith County

JOB NO.: E3248-2022
DATE: May 2023
SCALE: As Shown

ETTL ENGINEERS & CONSULTANTS
MAIN OFFICE
1717 East Erwin
Tyler, Texas 75702
(903) 595-4421

Groundwater Summary Table for TPH BTEX (mg/l)
Former Brocks Allied
1505 E. Erwin Street
Tyler (Smith County), Texas 75702
PST ID No. 14955
LPST ID No.: 121554

SAMPLE ID	DATE	TPH (TNRCC 1005)			BENZENE	TOLUENE	ETHYL BENZENE	XYLENES	MTBE	TDS
		C6-C12	C12-C28	C28-C35						
TRRP Residential $^{GW}GW_{Ing}$		**0.98**	**0.98**	**0.98**	**0.005**	**1**	**0.7**	**10**	**0.24**	**-**
PST Program Action Levels		**-**	**-**	**-**	**0.005**	**1**	**0.7**	**10**	**0.24**	**-**
PH-1	7/29/2022	5.76	0.813	<0.6	0.432	0.362	0.574	0.794	<0.00253	-
MW-1	12/16/2022	<0.6	<0.6	<0.6	<0.0000941	<0.000278	<0.000137	<0.000174	<0.000101	188
MW-2	12/16/2022	3.62	<0.6	<0.6	1.14	0.193	0.481	0.542	0.000114	-
MW-3	12/16/2022	10	<0.6	<0.6	3.02	0.436	0.627	1.28	0.00848	-
MW-4	12/16/2022	<0.6	<0.6	<0.6	0.155	0.00157	0.053	0.0698	0.0117	-

Groundwater values are expressed in mg/L (ppm)

Exceeds PST Action Levels

TRRP Tier 1 Residential Groundwater PCL's (tables dated March 1, 2022)

$^{GW}GW_{Ing}$ – Groundwater levels protective of

Attachment 1
Laboratory Analytical and Quality Control Data

ANALYTICAL REPORT

August 16, 2022

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

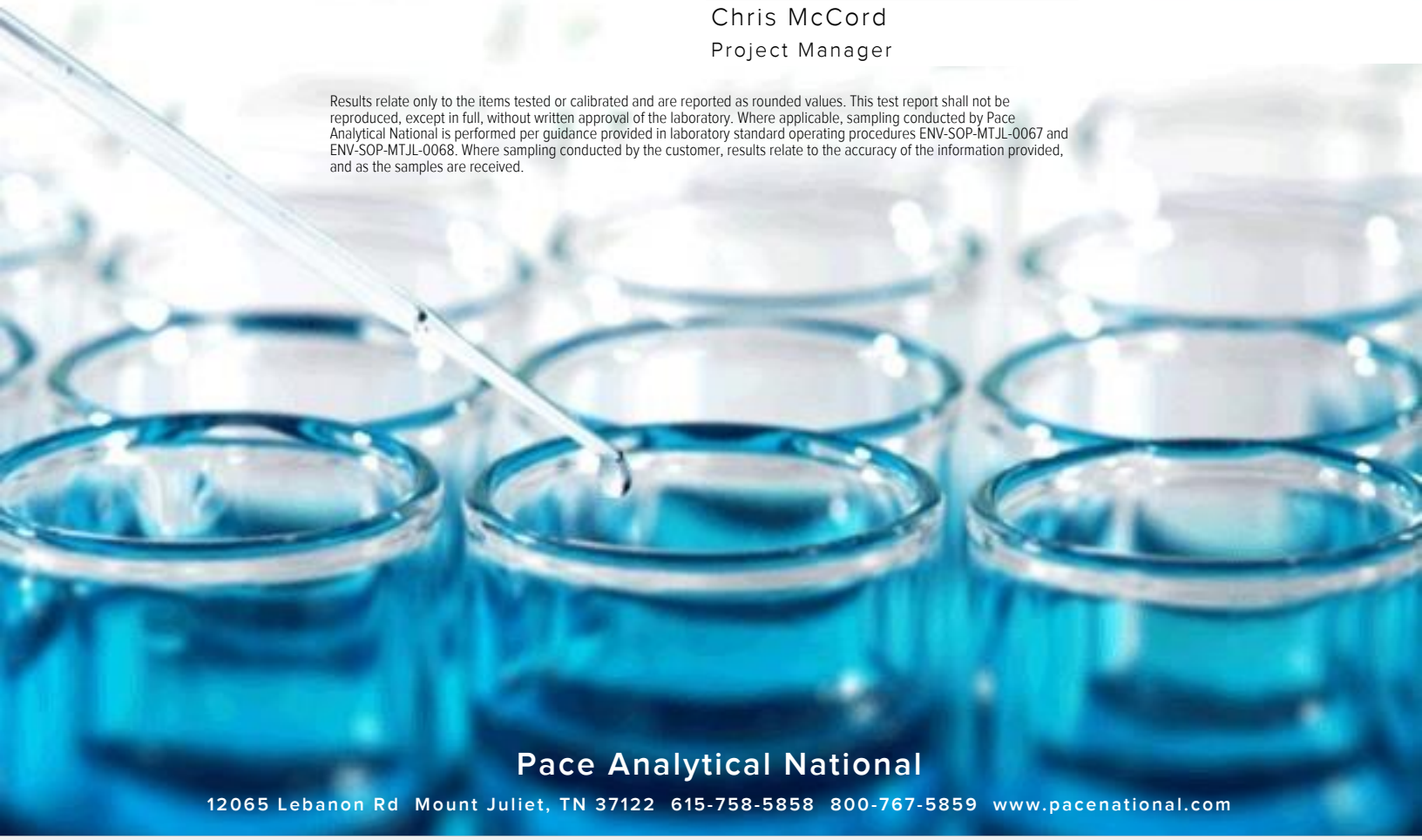
ETTL Engineers & Consultants, Inc. - TX

Sample Delivery Group:	L1520334
Samples Received:	07/30/2022
Project Number:	E 3248-2022
Description:	Former Brocks Allied

Report To: Jeanie Odom
1717 E. Erwin St.
Tyler, TX 75702

Entire Report Reviewed By:

Chris McCord
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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PH-1 ; 2-4 L1520334-01 Solid

Collected by: Morgyn Fulgham | Collected date/time: 07/29/22 07:35 | Received date/time: 07/30/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1904452	1	08/03/22 10:32	08/03/22 10:39	CMK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1904732	1	07/29/22 07:35	08/03/22 01:10	JBE	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1904365	1	08/02/22 17:19	08/03/22 08:43	NH	Mt. Juliet, TN

PH-1 ; 8-10 L1520334-02 Solid

Collected by: Morgyn Fulgham | Collected date/time: 07/29/22 08:02 | Received date/time: 07/30/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1904453	1	08/03/22 10:24	08/03/22 10:30	JAV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1904732	8	07/29/22 08:02	08/03/22 06:52	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1909561	400	07/29/22 08:02	08/12/22 15:21	DWR	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1904365	1	08/02/22 17:19	08/03/22 08:59	NH	Mt. Juliet, TN

PH-1 ; 13-15 L1520334-03 Solid

Collected by: Morgyn Fulgham | Collected date/time: 07/29/22 08:14 | Received date/time: 07/30/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1904453	1	08/03/22 10:24	08/03/22 10:30	JAV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1904732	1	07/29/22 08:14	08/03/22 01:29	JBE	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1904365	1	08/02/22 17:19	08/03/22 09:48	NH	Mt. Juliet, TN

PH-1 L1520334-04 GW

Collected by: Morgyn Fulgham | Collected date/time: 07/29/22 08:50 | Received date/time: 07/30/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1905140	25	08/04/22 04:50	08/04/22 04:50	JHH	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1904407	1	08/03/22 17:41	08/04/22 08:08	NH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.1		1	08/03/2022 10:39	WG1904452

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Benzene	0.953		0.000653	0.00100	0.00140	1	08/03/2022 01:10	WG1904732
Toluene	2.17		0.00182	0.00500	0.00700	1	08/03/2022 01:10	WG1904732
Ethylbenzene	0.250		0.00103	0.00250	0.00350	1	08/03/2022 01:10	WG1904732
Total Xylenes	1.35		0.00123	0.00650	0.00909	1	08/03/2022 01:10	WG1904732
Methyl tert-butyl ether	U		0.000490	0.00100	0.00140	1	08/03/2022 01:10	WG1904732
(S) Toluene-d8	*94.3*				*75.0-131*		*08/03/2022 01:10*	WG1904732
(S) 4-Bromofluorobenzene	*97.7*				*67.0-138*		*08/03/2022 01:10*	WG1904732
(S) 1,2-Dichloroethane-d4	*99.2*				*70.0-130*		*08/03/2022 01:10*	WG1904732

TPH by TCEQ Method 1005

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
TPH C6 - C12	102		17.6	50.0	58.7	1	08/03/2022 08:43	WG1904365
TPH C12 - C28	24.8	J	17.6	50.0	58.7	1	08/03/2022 08:43	WG1904365
TPH C28 - C35	U		17.6	50.0	58.7	1	08/03/2022 08:43	WG1904365
TPH C6 - C35	127		17.6	50.0	58.7	1	08/03/2022 08:43	WG1904365
(S) o-Terphenyl	*113*				*70.0-130*		*08/03/2022 08:43*	WG1904365
(S) 1-chlorooctane	*112*				*70.0-130*		*08/03/2022 08:43*	WG1904365

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.1		1	08/03/2022 10:30	WG1904453

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Benzene	4.51		0.00541	0.00100	0.0116	8	08/03/2022 06:52	WG1904732
Toluene	1.56		0.0150	0.00500	0.0578	8	08/03/2022 06:52	WG1904732
Ethylbenzene	10.2		0.426	0.00250	1.45	400	08/12/2022 15:21	WG1909561
Total Xylenes	26.3		0.509	0.00650	3.76	400	08/12/2022 15:21	WG1909561
Methyl tert-butyl ether	U		0.00405	0.00100	0.0116	8	08/03/2022 06:52	WG1904732
(S) Toluene-d8	*77.4*				*75.0-131*		*08/03/2022 06:52*	WG1904732
(S) Toluene-d8	*93.2*				*75.0-131*		*08/12/2022 15:21*	WG1909561
(S) 4-Bromofluorobenzene	*86.1*				*67.0-138*		*08/03/2022 06:52*	WG1904732
(S) 4-Bromofluorobenzene	*111*				*67.0-138*		*08/12/2022 15:21*	WG1909561
(S) 1,2-Dichloroethane-d4	*112*				*70.0-130*		*08/03/2022 06:52*	WG1904732
(S) 1,2-Dichloroethane-d4	*113*				*70.0-130*		*08/12/2022 15:21*	WG1909561

TPH by TCEQ Method 1005

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
TPH C6 - C12	345		17.4	50.0	58.1	1	08/03/2022 08:59	WG1904365
TPH C12 - C28	41.4	J	17.4	50.0	58.1	1	08/03/2022 08:59	WG1904365
TPH C28 - C35	U		17.4	50.0	58.1	1	08/03/2022 08:59	WG1904365
TPH C6 - C35	387		17.4	50.0	58.1	1	08/03/2022 08:59	WG1904365
(S) o-Terphenyl	*108*				*70.0-130*		*08/03/2022 08:59*	WG1904365
(S) 1-chlorooctane	*129*				*70.0-130*		*08/03/2022 08:59*	WG1904365

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.7		1	08/03/2022 10:30	WG1904453

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Benzene	0.0432		0.000748	0.00100	0.00160	1	08/03/2022 01:29	WG1904732
Toluene	0.0226		0.00208	0.00500	0.00800	1	08/03/2022 01:29	WG1904732
Ethylbenzene	0.824		0.00118	0.00250	0.00400	1	08/03/2022 01:29	WG1904732
Total Xylenes	1.22		0.00141	0.00650	0.0104	1	08/03/2022 01:29	WG1904732
Methyl tert-butyl ether	U		0.000560	0.00100	0.00160	1	08/03/2022 01:29	WG1904732
(S) Toluene-d8	*106*				*75.0-131*		*08/03/2022 01:29*	WG1904732
(S) 4-Bromofluorobenzene	*120*				*67.0-138*		*08/03/2022 01:29*	WG1904732
(S) 1,2-Dichloroethane-d4	*93.4*				*70.0-130*		*08/03/2022 01:29*	WG1904732

TPH by TCEQ Method 1005

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
TPH C6 - C12	U		19.1	50.0	63.5	1	08/03/2022 09:48	WG1904365
TPH C12 - C28	U		19.1	50.0	63.5	1	08/03/2022 09:48	WG1904365
TPH C28 - C35	U		19.1	50.0	63.5	1	08/03/2022 09:48	WG1904365
TPH C6 - C35	U		19.1	50.0	63.5	1	08/03/2022 09:48	WG1904365
(S) o-Terphenyl	*111*				*70.0-130*		*08/03/2022 09:48*	WG1904365
(S) 1-chlorooctane	*102*				*70.0-130*		*08/03/2022 09:48*	WG1904365

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.432		0.00235	0.00100	0.0250	25	08/04/2022 04:50	WG1905140
Toluene	0.362		0.00695	0.00100	0.0250	25	08/04/2022 04:50	WG1905140
Ethylbenzene	0.574		0.00343	0.00100	0.0250	25	08/04/2022 04:50	WG1905140
Total Xylenes	0.794		0.00435	0.00300	0.0750	25	08/04/2022 04:50	WG1905140
Methyl tert-butyl ether	U		0.00253	0.00100	0.0250	25	08/04/2022 04:50	WG1905140
(S) Toluene-d8	*104*				*80.0-120*		*08/04/2022 04:50*	WG1905140
(S) 4-Bromofluorobenzene	*103*				*77.0-126*		*08/04/2022 04:50*	WG1905140
(S) 1,2-Dichloroethane-d4	*86.6*				*70.0-130*		*08/04/2022 04:50*	WG1905140

TPH by TCEQ Method 1005

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH C6 - C12	5.76		0.600	0.900	0.900	1	08/04/2022 08:08	WG1904407
TPH C12 - C28	0.813	J	0.600	0.900	0.900	1	08/04/2022 08:08	WG1904407
TPH C28 - C35	U		0.600	0.900	0.900	1	08/04/2022 08:08	WG1904407
TPH C6 - C35	6.57		0.600	0.900	0.900	1	08/04/2022 08:08	WG1904407
(S) o-Terphenyl	*106*				*70.0-130*		*08/04/2022 08:08*	WG1904407
(S) 1-chlorooctane	*93.0*				*70.0-130*		*08/04/2022 08:08*	WG1904407

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3822472-1 08/03/22 10:39

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1520334-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1520334-01 08/03/22 10:39 • (DUP) R3822472-3 08/03/22 10:39

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.1	84.8	1	0.362		10

Laboratory Control Sample (LCS)

(LCS) R3822472-2 08/03/22 10:39

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3822458-1 08/03/22 10:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.00200			

L1520346-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1520346-02 08/03/22 10:30 • (DUP) R3822458-3 08/03/22 10:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	84.3	84.1	1	0.263		10

Laboratory Control Sample (LCS)

(LCS) R3822458-2 08/03/22 10:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3822040-3 08/03/22 00:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Toluene	U		0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
Methyl tert-butyl ether	U		0.000350	0.00100
(S) Toluene-d8	*99.5*			*75.0-131*
(S) 4-Bromofluorobenzene	*106*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3822040-1 08/02/22 22:12 • (LCSD) R3822040-2 08/02/22 23:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.134	0.134	107	107	70.0-123			0.000	20
Toluene	0.125	0.137	0.140	110	112	75.0-121			2.17	20
Ethylbenzene	0.125	0.137	0.141	110	113	74.0-126			2.88	20
Xylenes, Total	0.375	0.449	0.445	120	119	72.0-127			0.895	20
Methyl tert-butyl ether	0.125	0.142	0.135	114	108	66.0-132			5.05	20
(S) Toluene-d8				*104*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*108*	*107*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*102*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R3825785-2 08/12/22 12:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*98.8*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3825785-1 08/12/22 11:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ethylbenzene	0.125	0.131	105	74.0-126	
Xylenes, Total	0.375	0.395	105	72.0-127	
(S) Toluene-d8			*95.8*	*75.0-131*	
(S) 4-Bromofluorobenzene			*113*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	

Method Blank (MB)

(MB) R3823488-3 08/03/22 19:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
Methyl tert-butyl ether	U		0.000101	0.00100
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*89.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3823488-1 08/03/22 18:05 • (LCSD) R3823488-2 08/03/22 18:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00585	0.00560	117	112	70.0-123			4.37	20
Toluene	0.00500	0.00568	0.00547	114	109	79.0-120			3.77	20
Ethylbenzene	0.00500	0.00581	0.00527	116	105	79.0-123			9.75	20
Xylenes, Total	0.0150	0.0167	0.0158	111	105	79.0-123			5.54	20
Methyl tert-butyl ether	0.00500	0.00550	0.00539	110	108	68.0-125			2.02	20
(S) Toluene-d8				*102*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*106*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*90.0*	*92.7*	*70.0-130*				

Method Blank (MB)

(MB) R3822034-1 08/03/22 03:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH C6 - C12	U		15.0	50.0
TPH C12 - C28	U		15.0	50.0
TPH C28 - C35	U		15.0	50.0
TPH C6 - C35	U		15.0	50.0
(S) o-Terphenyl	*123*			*70.0-130*
(S) 1-chlorooctane	*110*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3822034-2 08/03/22 03:17 • (LCSD) R3822034-3 08/03/22 03:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH C6 - C12	250	295	303	118	121	75.0-125			2.68	20
TPH C12 - C28	250	283	282	113	113	75.0-125			0.354	20
TPH C6 - C35	500	578	585	116	117	75.0-125			1.20	20
(S) o-Terphenyl				*112*	*115*	*70.0-130*				
(S) 1-chlorooctane				*110*	*116*	*70.0-130*				

L1520157-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1520157-01 08/03/22 06:35 • (MS) R3822034-4 08/03/22 06:50 • (MSD) R3822034-5 08/03/22 07:06

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH C6 - C12	318	U	397	396	125	123	1	75.0-125			0.333	20
TPH C12 - C28	318	U	373	376	117	117	1	75.0-125			0.704	20
TPH C6 - C35	637	U	770	771	121	120	1	75.0-125			0.171	20
(S) o-Terphenyl					*115*	*113*		*70.0-130*				
(S) 1-chlorooctane					*115*	*114*		*70.0-130*				

Method Blank (MB)

(MB) R3822487-1 08/04/22 00:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH C6 - C12	U		0.600	0.900
TPH C12 - C28	U		0.600	0.900
TPH C28 - C35	U		0.600	0.900
TPH C6 - C35	U		0.600	0.900
(S) o-Terphenyl	*106*			*70.0-130*
(S) 1-chlorooctane	*90.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3822487-2 08/04/22 01:13 • (LCSD) R3822487-3 08/04/22 01:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH C6 - C12	41.7	47.5	45.7	114	110	75.0-125			3.86	20
TPH C12 - C28	41.7	45.5	43.5	109	104	75.0-125			4.49	20
TPH C6 - C35	83.4	93.0	89.2	112	107	75.0-125			4.17	20
(S) o-Terphenyl				*111*	*104*	*70.0-130*				
(S) 1-chlorooctane				*105*	*100*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: ETTL Engineers & Consultants	Accounts Payable 1717 E. Erwin St. Tyler, TX 75702
Address: 1717 E. Erwin St. Tyler, TX 75702	
Report To: Jeanie Odom	Email To: jodom@ettlinc.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Former Brocks Allied E3248-2022	State: TX / County/City: Smith/Tyler Time Zone Collected: [ ]PT [ ]MT [✓]CT [ ]ET
Phone: 9035954421 Email: jodom@ettlinc.com	Site/Facility ID #:
Collected By (print): Morgan Fulgham	Purchase Order # : Quote #:
Collected By (signature):	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
	Compliance Monitoring? [ ] Yes [ ] No
	DW PWS ID #: DW Location Code:
	Immediately Packed on Ice: [✓] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	BTEX/ MTBE	TPH	Hold PAHs	Lab Sample # / Comments
PH-1; 2-4'	SS	Grab	7/29/22	0735				4	G	X	X	X	L152 0334 -01
PH-1; 8-10'	SS	Grab	7/29/22	0802				4	G	X	X	X	-02
PH-1; 13-15'	SS	Grab	7/29/22	0814				4	G	X	X	X	-03
PH-1	GW	Grab	7/29/22	~~0830~~ MT 0850				7	G	X	X	X	-04

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	(Y)	N	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	(N)	NA
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: _____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 5882 7541 9781

Samples received via: (FEDEX) UPS Client Courier Pace Courier

LAB Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: __oC

Cooler 1 Therm Corr. Factor: __oC

Cooler 1 Corrected Temp: __oC

Comments:

Relinquished by/Company: (Signature)	Date/Time: 7/29/22 1032	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 7/30/22

A192

Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

ANALYTICAL REPORT

January 03, 2023

ETTL Engineers & Consultants, Inc. - TX

Sample Delivery Group:	L1569015
Samples Received:	12/17/2022
Project Number:	E 3248-2022
Description:	Former Brocks Allied

Report To:

Jeanie Odom
1717 E. Erwin St.
Tyler, TX 75702

Entire Report Reviewed By:

Chris McCord
Project Manager

TABLE OF CONTENTS

SAMPLE SUMMARY

MW-1 L1569015-01 GW

Collected by: Jacob Andrews | Collected date/time: 12/16/22 08:09 | Received date/time: 12/17/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1979373	1	12/25/22 12:12	12/27/22 08:15	AS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1979510	1	12/26/22 18:56	12/26/22 18:56	GH	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1976897	1	12/20/22 12:36	12/20/22 20:29	NH	Mt. Juliet, TN

MW-4 L1569015-02 GW

Collected by: Jacob Andrews | Collected date/time: 12/16/22 08:55 | Received date/time: 12/17/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1979510	1	12/26/22 19:18	12/26/22 19:18	GH	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1976897	1	12/20/22 12:36	12/20/22 20:45	NH	Mt. Juliet, TN

MW-3 L1569015-03 GW

Collected by: Jacob Andrews | Collected date/time: 12/16/22 09:34 | Received date/time: 12/17/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1979510	1	12/26/22 19:40	12/26/22 19:40	GH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1980309	50	12/28/22 15:55	12/28/22 15:55	JAH	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1976897	1	12/20/22 12:36	12/20/22 21:00	NH	Mt. Juliet, TN

MW-2 L1569015-04 GW

Collected by: Jacob Andrews | Collected date/time: 12/16/22 10:12 | Received date/time: 12/17/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1979233	1	12/26/22 15:57	12/26/22 15:57	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1979711	20	12/27/22 21:05	12/27/22 21:05	JCP	Mt. Juliet, TN
TPH by TCEQ Method 1005	WG1976897	1	12/20/22 12:36	12/20/22 21:16	NH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	188	Q	10.0	10.0	1	12/27/2022 08:15	WG1979373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	0.00100	1	12/26/2022 18:56	WG1979510
Toluene	U		0.000278	0.00100	0.00100	1	12/26/2022 18:56	WG1979510
Ethylbenzene	U		0.000137	0.00100	0.00100	1	12/26/2022 18:56	WG1979510
Total Xylenes	U		0.000174	0.00300	0.00300	1	12/26/2022 18:56	WG1979510
Methyl tert-butyl ether	U		0.000101	0.00100	0.00100	1	12/26/2022 18:56	WG1979510
(S) Toluene-d8	*103*				*80.0-120*		*12/26/2022 18:56*	WG1979510
(S) 4-Bromofluorobenzene	*96.0*				*77.0-126*		*12/26/2022 18:56*	WG1979510
(S) 1,2-Dichloroethane-d4	*107*				*70.0-130*		*12/26/2022 18:56*	WG1979510

TPH by TCEQ Method 1005

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH C6 - C12	U		0.600	0.900	0.900	1	12/20/2022 20:29	WG1976897
TPH C12 - C28	U		0.600	0.900	0.900	1	12/20/2022 20:29	WG1976897
TPH C28 - C35	U		0.600	0.900	0.900	1	12/20/2022 20:29	WG1976897
TPH C6 - C35	U		0.600	0.900	0.900	1	12/20/2022 20:29	WG1976897
(S) o-Terphenyl	*96.8*				*70.0-130*		*12/20/2022 20:29*	WG1976897
(S) 1-chlorooctane	*93.9*				*70.0-130*		*12/20/2022 20:29*	WG1976897

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.155		0.0000941	0.00100	0.00100	1	12/26/2022 19:18	WG1979510
Toluene	0.00157		0.000278	0.00100	0.00100	1	12/26/2022 19:18	WG1979510
Ethylbenzene	0.0530		0.000137	0.00100	0.00100	1	12/26/2022 19:18	WG1979510
Total Xylenes	0.0698		0.000174	0.00300	0.00300	1	12/26/2022 19:18	WG1979510
Methyl tert-butyl ether	0.0117		0.000101	0.00100	0.00100	1	12/26/2022 19:18	WG1979510
(S) Toluene-d8	*103*				*80.0-120*		*12/26/2022 19:18*	WG1979510
(S) 4-Bromofluorobenzene	*97.5*				*77.0-126*		*12/26/2022 19:18*	WG1979510
(S) 1,2-Dichloroethane-d4	*104*				*70.0-130*		*12/26/2022 19:18*	WG1979510

TPH by TCEQ Method 1005

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH C6 - C12	U		0.600	0.900	0.900	1	12/20/2022 20:45	WG1976897
TPH C12 - C28	U		0.600	0.900	0.900	1	12/20/2022 20:45	WG1976897
TPH C28 - C35	U		0.600	0.900	0.900	1	12/20/2022 20:45	WG1976897
TPH C6 - C35	U		0.600	0.900	0.900	1	12/20/2022 20:45	WG1976897
(S) o-Terphenyl	*101*				*70.0-130*		*12/20/2022 20:45*	WG1976897
(S) 1-chlorooctane	*96.9*				*70.0-130*		*12/20/2022 20:45*	WG1976897

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	3.02		0.00471	0.00100	0.0500	50	12/28/2022 15:55	WG1980309
Toluene	0.436		0.0139	0.00100	0.0500	50	12/28/2022 15:55	WG1980309
Ethylbenzene	0.627		0.00685	0.00100	0.0500	50	12/28/2022 15:55	WG1980309
Total Xylenes	1.28		0.00870	0.00300	0.150	50	12/28/2022 15:55	WG1980309
Methyl tert-butyl ether	0.00848		0.000101	0.00100	0.00100	1	12/26/2022 19:40	WG1979510
(S) Toluene-d8	*103*				*80.0-120*		*12/26/2022 19:40*	WG1979510
(S) Toluene-d8	*98.2*				*80.0-120*		*12/28/2022 15:55*	WG1980309
(S) 4-Bromofluorobenzene	*104*				*77.0-126*		*12/26/2022 19:40*	WG1979510
(S) 4-Bromofluorobenzene	*91.3*				*77.0-126*		*12/28/2022 15:55*	WG1980309
(S) 1,2-Dichloroethane-d4	*111*				*70.0-130*		*12/26/2022 19:40*	WG1979510
(S) 1,2-Dichloroethane-d4	*96.9*				*70.0-130*		*12/28/2022 15:55*	WG1980309

TPH by TCEQ Method 1005

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH C6 - C12	10.0		0.600	0.900	0.900	1	12/20/2022 21:00	WG1976897
TPH C12 - C28	U		0.600	0.900	0.900	1	12/20/2022 21:00	WG1976897
TPH C28 - C35	U		0.600	0.900	0.900	1	12/20/2022 21:00	WG1976897
TPH C6 - C35	10.0		0.600	0.900	0.900	1	12/20/2022 21:00	WG1976897
(S) o-Terphenyl	*102*				*70.0-130*		*12/20/2022 21:00*	WG1976897
(S) 1-chlorooctane	*98.7*				*70.0-130*		*12/20/2022 21:00*	WG1976897

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	1.14		0.00188	0.00100	0.0200	20	12/27/2022 21:05	WG1979711
Toluene	0.193		0.000278	0.00100	0.00100	1	12/26/2022 15:57	WG1979233
Ethylbenzene	0.481		0.00274	0.00100	0.0200	20	12/27/2022 21:05	WG1979711
Total Xylenes	0.542		0.00348	0.00300	0.0600	20	12/27/2022 21:05	WG1979711
Methyl tert-butyl ether	0.000114	J	0.000101	0.00100	0.00100	1	12/26/2022 15:57	WG1979233
(S) Toluene-d8	*86.3*				*80.0-120*		*12/26/2022 15:57*	WG1979233
(S) Toluene-d8	*108*				*80.0-120*		*12/27/2022 21:05*	WG1979711
(S) 4-Bromofluorobenzene	*101*				*77.0-126*		*12/26/2022 15:57*	WG1979233
(S) 4-Bromofluorobenzene	*95.9*				*77.0-126*		*12/27/2022 21:05*	WG1979711
(S) 1,2-Dichloroethane-d4	*101*				*70.0-130*		*12/26/2022 15:57*	WG1979233
(S) 1,2-Dichloroethane-d4	*83.6*				*70.0-130*		*12/27/2022 21:05*	WG1979711

TPH by TCEQ Method 1005

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH C6 - C12	3.62		0.600	0.900	0.900	1	12/20/2022 21:16	WG1976897
TPH C12 - C28	U		0.600	0.900	0.900	1	12/20/2022 21:16	WG1976897
TPH C28 - C35	U		0.600	0.900	0.900	1	12/20/2022 21:16	WG1976897
TPH C6 - C35	3.62		0.600	0.900	0.900	1	12/20/2022 21:16	WG1976897
(S) o-Terphenyl	*101*				*70.0-130*		*12/20/2022 21:16*	WG1976897
(S) 1-chlorooctane	*99.5*				*70.0-130*		*12/20/2022 21:16*	WG1976897

Method Blank (MB)

(MB) R3877025-1 12/27/22 08:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1568845-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1568845-01 12/27/22 08:15 • (DUP) R3877025-3 12/27/22 08:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3020	3160	1	4.54		5

L1568845-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1568845-04 12/27/22 08:15 • (DUP) R3877025-4 12/27/22 08:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2780	3160	1	13.0	J3	5

Laboratory Control Sample (LCS)

(LCS) R3877025-2 12/27/22 08:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	7600	86.4	77.3-123	

Method Blank (MB)

(MB) R3875561-3 12/26/22 14:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Toluene	U		0.000278	0.00100
Methyl tert-butyl ether	U		0.000101	0.00100
(S) Toluene-d8	*98.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3875561-1 12/26/22 13:42 • (LCSD) R3875561-2 12/26/22 14:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	0.00500	0.00473	0.00470	94.6	94.0	79.0-120			0.636	20
Methyl tert-butyl ether	0.00500	0.00516	0.00521	103	104	68.0-125			0.964	20
(S) Toluene-d8				*96.6*	*96.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.1*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R3876061-3 12/26/22 15:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
Methyl tert-butyl ether	U		0.000101	0.00100
(S) Toluene-d8	*100*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3876061-1 12/26/22 13:30 • (LCSD) R3876061-2 12/26/22 13:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00460	0.00468	92.0	93.6	70.0-123			1.72	20
Toluene	0.00500	0.00486	0.00466	97.2	93.2	79.0-120			4.20	20
Ethylbenzene	0.00500	0.00468	0.00460	93.6	92.0	79.0-123			1.72	20
Xylenes, Total	0.0150	0.0141	0.0141	94.0	94.0	79.0-123			0.000	20
Methyl tert-butyl ether	0.00500	0.00474	0.00506	94.8	101	68.0-125			6.53	20
(S) Toluene-d8				*101*	*98.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.9*	*95.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*111*	*112*	*70.0-130*				

Method Blank (MB)

(MB) R3876062-2 12/27/22 17:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*87.8*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3876062-1 12/27/22 15:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00418	83.6	70.0-123	
Ethylbenzene	0.00500	0.00449	89.8	79.0-123	
Xylenes, Total	0.0150	0.0133	88.7	79.0-123	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*92.4*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*88.4*	*70.0-130*	

Method Blank (MB)

(MB) R3876614-3 12/28/22 11:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3876614-1 12/28/22 10:24 • (LCSD) R3876614-2 12/28/22 10:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00494	0.00532	98.8	106	70.0-123			7.41	20
Toluene	0.00500	0.00499	0.00514	99.8	103	79.0-120			2.96	20
Ethylbenzene	0.00500	0.00452	0.00438	90.4	87.6	79.0-123			3.15	20
Xylenes, Total	0.0150	0.0131	0.0137	87.3	91.3	79.0-123			4.48	20
(S) Toluene-d8				*101*	*97.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*89.4*	*90.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*95.7*	*98.1*	*70.0-130*				

Method Blank (MB)

(MB) R3874233-1 12/20/22 18:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH C6 - C12	U		0.600	0.900
TPH C12 - C28	U		0.600	0.900
TPH C28 - C35	U		0.600	0.900
TPH C6 - C35	U		0.600	0.900
(S) o-Terphenyl	*102*			*70.0-130*
(S) 1-chlorooctane	*98.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3874233-2 12/20/22 18:25 • (LCSD) R3874233-3 12/20/22 18:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH C6 - C12	41.7	46.4	47.4	111	114	75.0-125			2.13	20
TPH C12 - C28	41.7	47.1	47.8	113	115	75.0-125			1.48	20
TPH C6 - C35	83.4	93.5	95.2	112	114	75.0-125			1.80	20
(S) o-Terphenyl				*95.1*	*94.3*	*70.0-130*				
(S) 1-chlorooctane				*97.3*	*98.0*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:	Billing Information:	Pres Chk
ETTL Engineers & Consultants, Inc. - TX 1717 E. Erwin St. Tyler, TX 75702	Accounts Payable 1717 E. Erwin St. Tyler, TX 75702	
Report to: Jeanie Odom	Email To: jodom@ettlinc.com	

Chain of Custody Page 1 of 1

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1569015
C181

Acctnum: ETTLENGTTX
Template: T220946
Prelogin: P967776
PM: 526 - Chris McCord
PB: 12/12/22 ed
Shipped Via: FedEX Ground

Project Description: Former Brocks Allied	City/State Collected: Tyler, Tx	Please Circle: PT MT (CT) ET
Phone: 903-595-4421	Client Project # E 3248-2022	Lab Project # ETTLENGTTX-BROCKS
Collected by (print): Jacob Andrews	Site/Facility ID #	P.O. # E 3248-2022
Collected by (signature): [signature] Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	EXTRACT-HOLD PAHs 40mlAmb-NoPres-WT	TDS 1L-HDPE NoPres	TPHTX 40mlAmbHCl-BT-trwted	V8260BTEXM 40mlAmb-HCl						Remarks	Sample # (lab only)
MW-1	Grab	GW	—	12-16-2022	809	8	X	X	X	X							-01
MW-4	Grab	GW	—	12-16-2022	855	7	X		X	X							-02
MW-3	Grab	GW	—	12-16-2022	934	7	X		X	X							-03
MW-2	Grab	GW	—	12-16-2022	1012	7	X		X	X							-04
		~~GW~~ MF				~~7~~	~~X~~ MF		~~X~~	~~X~~ MF							

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other________

Remarks:

pH _______ Temp _______
Flow _______ Other _______

Samples returned via: __ UPS ✓ FedEx __ Courier ________

Tracking # 6193 3523 6747

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
[signature]	12-16-2022	1103	[signature]	Ø
Relinquished by : (Signature) [signature]	Date: 12-16-2022	Time: 1103	Received by: (Signature)	Temp: GBM °C 1.1 — Bottles Received: 29
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 12/17/22 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Attachment 2
Soil Boring Logs and Monitoring Well Construction Details

ENVIRONMENTAL LOG

Client: Former Brocks Allied

Project No: E3248-22 Phase Task

Well No. PH-1

Location Tyler, Texas

Surface Elev. Not Measured

Depth Feet	Sampler	Overburden/Lithologic Description	FID Reading	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
							T.O.C. Elev.
0		Ground Surface				0	
		Asphalt 2"					
		SANDY FAT CLAY(SP-CH) hard; tan (2.5Y 5/4) and red (2.5YR 4/6); very strong hydrocarbon-like odor; moist	500				
			500				
5			200			5	
			1000				
		--3" gravel seam	14,000+				
10						10	
		SILTY SAND(SM) very loose; tan (2.5Y 5/4); saturated @ 13'; strong hydrocarbon-like odor	4000				
		FAT CLAY(CH) medium stiff; gray (5YR 5/1); no odor					
15							
20			20				
		Bottom of Probehole @ 20'					

STATE OF TEXAS
JEANIE M. ODOM
GEOLOGY
185
LICENSED
PROFESSIONAL GEOSCIENTIST
8/9/2022

Driller Josh Wylie	Drilling Method Direct Push / Flight Auger	Bentonite Seal
Geologist Morgan Fulgham	Borehole Diameter 6"	Filter Pack Qty.
Drilling Started 7/29/22	Well Casing ____ Dia. ____ to ____	Filter Pack Type
Drilling Completed 7/29/22	Casing Type	Static Water Level
Construction Completed	Well Screen ____ Dia. ____ to ____	Notes: Seepage @ 13' while drilling. Water level @ 13' and open upon completion. GPS Coordinates: N 32°21'3.76", W 95°16'57.04"
Development Completed	Screen Type	
Type of Well Probehole	Slot Size	
	Grout Type	

ENVIRONMENTAL LOG

Client: Former Brocks Allied

Project No: E3248-22 **Phase** **Task**

Well No. MW-1

Location Tyler, Texas

Surface Elev. (Ft.) 525.40 **Page** 1 of 1

Depth Feet Sampler	Overburden/Lithologic Description	FID Reading	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
						T.O.C. Elevation (Ft.) 525.10
0	Ground Surface				0	
	SILTY SAND(SM) loose; brown (5YR 5/6); moist; fine-grained sand; no odor	<10				
		<10				
5	SILTY SAND WITH SANDY LEAN CLAY(CL-SM) dense; brown (5YR 5/6); moist; fine-grained sand; no odor	<10			5	
		<10				
10		<10			10	
	SILTY SAND(SM) medium dense; tan (5Y/R 6/8); moist; fine-grained sand; no odor	<10				
	--saturated @ 12.5'; slight hydrocarbon-like odor	100				
15		<10			15	
		<10				
20		<10				
	Bottom of Boring @ 20'					

STATE OF TEXAS
JEANIE M. ODOM
GEOLOGY
185
LICENSED
PROFESSIONAL GEOSCIENTIST
5/30/2023

Driller	Marco Tavera	**Drilling Method**	Direct Push / Hollow Stem Auger	**Bentonite Seal**	1.5-2.5'
Geologist	Morgan Fulgham	**Borehole Diameter**	8.25	**Filter Pack Qty.**	2.5-20'
Drilling Started	12/14/22	**Well Casing**	2" **Dia.** 0' **to** 5'	**Filter Pack Type**	20/40 Sand
Drilling Completed	12/14/22	**Casing Type**	PVC Sch. 40	**Static Water Level**	
Construction Completed	12/14/22	**Well Screen**	2" **Dia.** 5' **to** 20'	**Notes:**	Seepage @ 12.5' while drilling. GPS Coordinates: N 32°21.059', W 95°16.964'
Development Completed	12/14/22	**Screen Type**	Mill Slot		
Type of Well	Monitor	**Slot Size**	0.010"		
		Grout Type	Concrete 0-1.5'		

ETTL Engineers & Consultants Inc.
Texas Registered Engineering Firm #F3208

ENVIRONMENTAL LOG

Client: Former Brocks Allied

Project No: E3248-22 **Phase** **Task**

Well No. MW-2

Location Tyler, Texas

Surface Elev. (Ft.) 523.65 **Page** 1 of 1

Depth Feet	Sampler	Overburden/Lithologic Description	FID Reading	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
							T.O.C. Elevation (Ft.) 523.19
0		Ground Surface				0	
		SILTY SAND WITH SANDY LEAN CLAY(SM-CL) medium stiff; brown (5YR 4/4); strong hydrocarbon-like odor; moist; hydrocarbon staining 0-2'	30				
			50				
5		–brown (5YR 4/4) and gray (5YR 7/1)	400			5	
			2000				
10			4000			10	
		SILTY FINE-GRAINED SAND(SM) medium dense; brown (5YR 4/6); saturated @ 10'; strong hydrocarbon-like odor	10000				
		–gravelly from 12-14'	8000				
			3000				
15						15	
20							
		Bottom of Boring @ 20'					

STATE OF TEXAS
JEANIE M. ODOM
GEOLOGY
185
LICENSED
PROFESSIONAL GEOSCIENTIST
5/30/2023

Driller	Marco Tavera	**Drilling Method**	Direct Push / Hollow Stem Auger	**Bentonite Seal**	1.5-3'
Geologist	Morgan Fulgham	**Borehole Diameter**	8.25	**Filter Pack Qty.**	3-20'
Drilling Started	12/14/22	**Well Casing**	2" **Dia.** 0' **to** 5'	**Filter Pack Type**	20/40 Sand
Drilling Completed	12/14/22	**Casing Type**	PVC Sch. 40	**Static Water Level**	
Construction Completed	12/14/22	**Well Screen**	2" **Dia.** 5' **to** 20'	**Notes:**	Seepage @ 10' while drilling. GPS Coordinates: N 32°21.062', W 95°16.952'
Development Completed	12/14/22	**Screen Type**	Mill Slot		
Type of Well	Monitor	**Slot Size**	0.010"		
		Grout Type	Concrete 0-1.5'		

ETTL Engineers & Consultants Inc.
Texas Registered Engineering Firm #F3208

ENVIRONMENTAL LOG

Client: Former Brocks Allied

Project No: E3248-22 **Phase** **Task**

Well No. MW-3

Location Tyler, Texas

Surface Elev. (Ft.) 522.80 **Page** 1 **of** 1

Depth Feet Sampler	Overburden/Lithologic Description	FID Reading	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
0	Ground Surface				0	T.O.C. Elevation (Ft.) 522.35
	SILTY SAND WITH SANDY FAT CLAY(SM-CL) medium stiff; brown (5YR 4/4); moist; slight hydrocarbon-like odor; hydrocarbon staining 0-1'	<10				
5		10			5	
		15				
	SILTY FINE-GRAINED SAND(SM) medium dense; brown (5YR 5/6); moist; strong hydrocarbon-like odor	400				
	--gravelly @ 9-10'	80				
10					10	
	--saturated @ 11'	1000				
		3000				
	FAT CLAY(CH) stiff; gray (10R 7/1); moist; strong hydrocarbon-like odor					
15		600			15	
	--gray (10R 5/2)	<10				
20		<10			20	
	Bottom of Boring @ 20'					

STATE OF TEXAS
JEANIE M. ODOM
GEOLOGY
185
LICENSED
PROFESSIONAL GEOSCIENTIST
5/30/23

Driller Marco Tavera	**Drilling Method** Direct Push / Hollow Stem Auger	**Bentonite Seal** 1.5-3'
Geologist Morgan Fulgham	**Borehole Diameter** 8.25	**Filter Pack Qty.** 3-20'
Drilling Started 12/14/22	**Well Casing** 2" **Dia.** 0' **to** 5'	**Filter Pack Type** 20/40 Sand
Drilling Completed 12/14/22	**Casing Type** PVC Sch. 40	**Static Water Level**
Construction Completed 12/14/22	**Well Screen** 2" **Dia.** 5' **to** 20'	**Notes:** Seepage @ 11' while drilling. GPS Coordinates: N 32°21.064', W 95°16.947'
Development Completed 12/14/22	**Screen Type** Mill Slot	
Type of Well Monitor	**Slot Size** 0.010"	
	Grout Type Concrete 0-1.5'	

ETTL Engineers & Consultants Inc.
Texas Registered Engineering Firm #F3208

ENVIRONMENTAL LOG

Client: Former Brocks Allied

Project No: E3248-22 **Phase** **Task**

Well No. MW-4

Location Tyler, Texas

Surface Elev. (Ft.) 522.79 **Page** 1 of 1

Depth Feet Sampler	Overburden/Lithologic Description	FID Reading	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
0	Ground Surface				0	T.O.C. Elevation (Ft.) 522.32
	SILTY SAND(SM) medium dense; brown (5YR 5/6); moist; no odor; fine-grained sand	<10				
		<10				
5		10			5	
	SILTY SAND WITH SANDY LEAN CLAY(SM-CL) medium dense; brown (5YR 5/6); moist; slight hydrocarbon-like odor; fine-grained sand	200				
		1500				
10					10	
		8000				
	--gravelly @ 12-13'					
	SILTY FINE-GRAINED SAND(SM) medium dense; brown (5YR 5/6); strong hydrocarbon-like odor; saturated @ 13'	300				
15		15			15	
		10				
	--gravelly @ 18-19'					
	FAT CLAY(CH) medium stiff; gray (7.5YR 5/2); moist; no odor	<10				
20					20	
	Bottom of Boring @ 20'					

STATE OF TEXAS
JEANIE M. ODOM
GEOLOGY
185
LICENSED
PROFESSIONAL GEOSCIENTIST
5/30/2023

Driller Marco Tavera

Geologist Morgan Fulgham

Drilling Started 12/14/22

Drilling Completed 12/14/22

Construction Completed 12/14/22

Development Completed 12/14/22

Type of Well Monitor

Drilling Method Direct Push / Hollow Stem Auger

Borehole Diameter 8.25

Well Casing 2" **Dia.** 0' **to** 5'

Casing Type PVC Sch. 40

Well Screen 2" **Dia.** 5' **to** 20'

Screen Type Mill Slot

Slot Size 0.010"

Grout Type Concrete 0-1.5'

Bentonite Seal 1.5-3'

Filter Pack Qty. 3-20'

Filter Pack Type 20/40 Sand

Static Water Level

Notes: Seepage @ 13' while drilling. GPS Coordinates: N 32°21.061', W 95°16.942'

ETTL Engineers & Consultants Inc.
Texas Registered Engineering Firm #F3208

KEY TO SOIL CLASSIFICATIONS AND SYMBOLS

UNIFIED SOIL CLASSIFICATION SYSTEM(1)

Major Divisions		Letter	Symbol	Color	Name
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW		Red	Well-graded gravels or gravel-sand mixtures, little or no fines.
		GP			Poorly-graded gravels or gravel-sand mixtures, little or no fines.
		GM		Yellow	Silty gravels, gravel-sand-clay mixtures.
		GC			Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS	SW		Red	Well-graded sands or gravelly sands, little or no fines.
		SP			Poorly-graded sands or gravelly sands, little or no fines.
		SM		Yellow	Silty sands, sand-silt mixtures.
		SC			Clayey sands, sand-clay mixtures.
FINED GRAINED SOILS	SILTS AND CLAYS LL < 50	ML		Green	Inorganic silts and very fine sands, rock flour, fine sandy silts, gravelly silts or silts with slight plasticity.
		CL			Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		OL			Organic silts and organic silt-clays of low plasticity.
	SILTS AND CLAYS LL > 50	MH		Blue	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
		CH			Inorganic clays of high plasticity, fat clays.
		OH			Organic clays of medium to high plasticity, organic silts.
HIGHLY ORANIC SOILS		PI		Orange	Peat and other highly organic soils.

TERMS CHARACTERIZING SOIL STRUCTURE

SLICKENSIDED-having inclined planes of weakness that are slick and glossy in appearance.

FISSURED-containing shrinkage cracks, frequently filled with fine sand or silt; usually more or less vertical.

LAMINATED (VARVED)-composed of thin layers of varying color and texture, usually grading from sand or silt at the botom to clay at the top.

CRUMBLY-cohesive soils which break into small blocks or crumbs on drying.

CALCAREOUS-containing appreciable quantities of calcium carbonate, generally nodular.

WELL-GRADED-having wide range in grain sizes and substantial amounts of all intermediate particle sizes.

POORLY GRADED-predominantly of one grain size (uniformly graded) or having a range of sizes with some intermediate size missing (gap or skip graded).

SYMBOLS FOR TEST DATA

M/C = 15 - Natural moisture content in percent

σ = 95 -- Dry unit weight in lbs/cu ft.

Qu = 1.23 - Unconfined compression strength in tons/sq. ft.

Qc = 1.68 (21 psi) - Confined compression strength at indicated lateral pressure.

51-21-30 - Liquid limit, Plastic limit, and Plasticity index.

30% FINER - Percent finer than No. 200 mesh sieve.

30 B/F - Blows per foot, standard penetration test.

▼ - Ground water table.

TERMS DESCRIBING COSISTENCY OF SOIL (2)

COARSE GRAINED SOILS

DESCRIPTIVE TERM	NO. BLOWS/FT. STANDARD PEN. TEST
Very loose	0-4
Loose	4-10
Medium Dense	10-30
Dense	30-50
Very Dense	over 50

FINE GRAINED SOIL

DESCRIPTIVE TERMS	NO. BLOWS/FT. STANDARD PEN. TEST	UNCONFINED COMPRESSION TONS PER SQ.FT.
Very Soft	< 2	< 0.25
Soft	2 - 4	0.25 - 0.50
Medium Stiff	4 - 8	0.50 - 1.00
Stiff	8 - 15	1.00 - 2.00
Very Stiff	15 - 30	2.00 - 4.00
Hard	over 30	over 4.00

Field classification for "Consistency" is determined with a 0.25" diam. penetrometer.

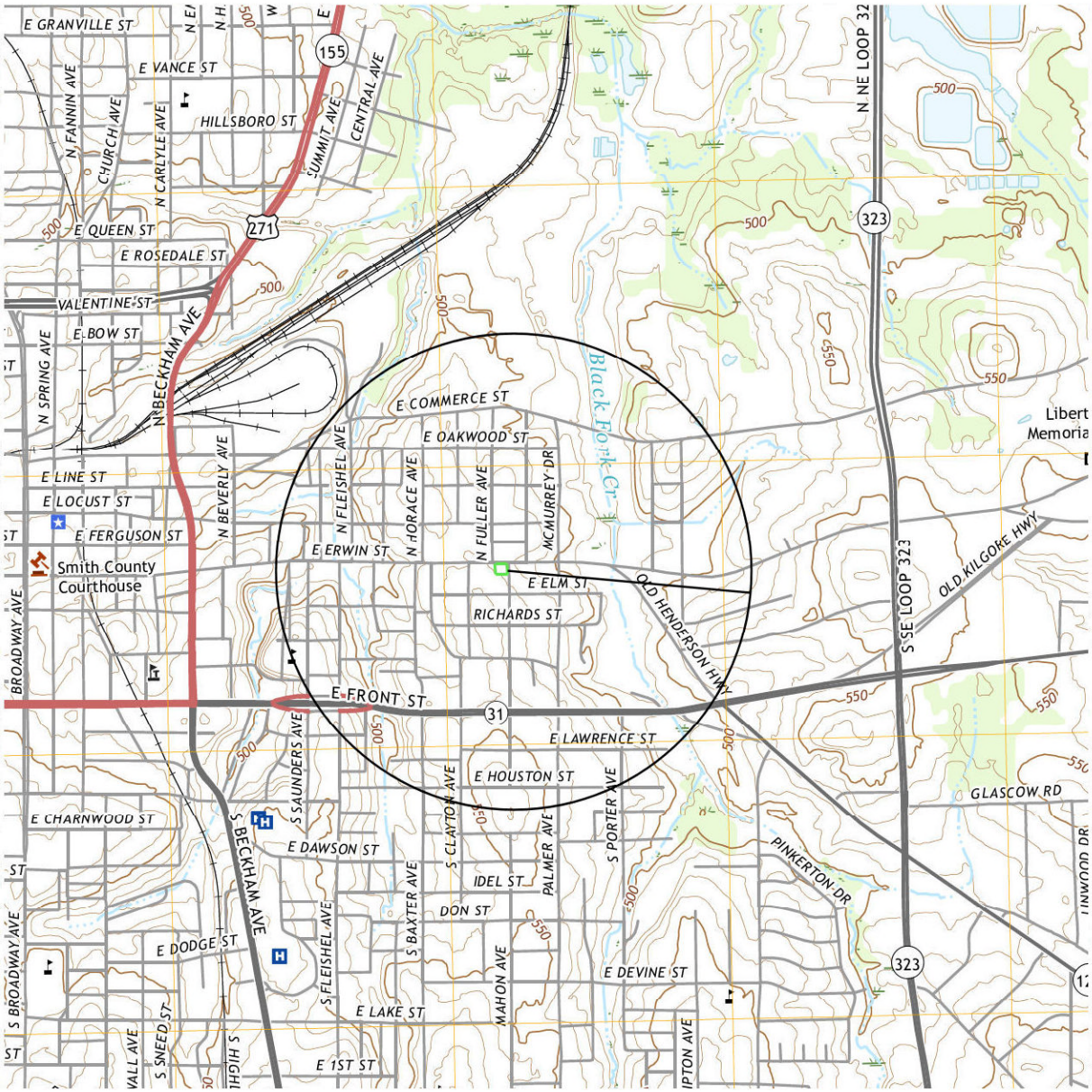
SAMPLER TYPES

Shelby Tube | Rock Core | Split Spoon | Auger | No Recovery

1 - From Waterways Experiment Station Technical Memorandum No. 3-367

2 - From "Soil Mechanics in Engineering Practive" by Terzeghi and Pock

Attachment 3
Water Well Database Searches



Legend

- -Property Boundary
- -0.5 Mile Radius

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

ETTL ENGINEERS & CONSULTANTS
MAIN OFFICE
1717 East Erwin
Tyler, Texas 75702
(903) 595-4421

TOPOGRAPHIC MAP

JOB NO.: E3248-2022

DATE: 2022

SCALE: 1: 24,000

TEXAS WATER WELL REPORT

Project Property:	*Former Brocks Allied* *1505 E Erwin Street* *Tyler TX*
Project No:	*E3248-2022*
Order No:	*23010400053*
Requested by:	*ETTL Engineers & Consultants, Inc.*
Date Completed:	*January 9, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Former Brocks Allied* *1505 E Erwin Street Tyler TX*
Project No:	*E3248-2022*

Coordinates:

Latitude:	*32.35086039*
Longitude:	*-95.28255806*
UTM Northing:	*3,581,617.23*
UTM Easting:	*285,200.78*
UTM Zone:	*15S*
Target Property Geometry:	*POLYGON*

County/Parish Covered:	*Smith (TX)*
Zipcode(s) Covered:	*Tyler TX: 75701, 75702, 75705, 75707, 75708, 75798*
State(s) Covered:	*TX*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.50mi	Total
Federal				
FED USGS	Y	0	0	0
State				
TCEQ WELL LOGS	Y	0	**2**	**2**
SDRW WELLS	Y	0	**4**	**4**
GWDB	Y	0	0	0
WW FORT BEND	Y	0	0	0
WW HIGH PLAINS	Y	0	0	0
WW HARRIS GAL	Y	0	0	0
WUD	Y	0	0	0
Total:		0	**6**	**6**

**** PO – Property Only***

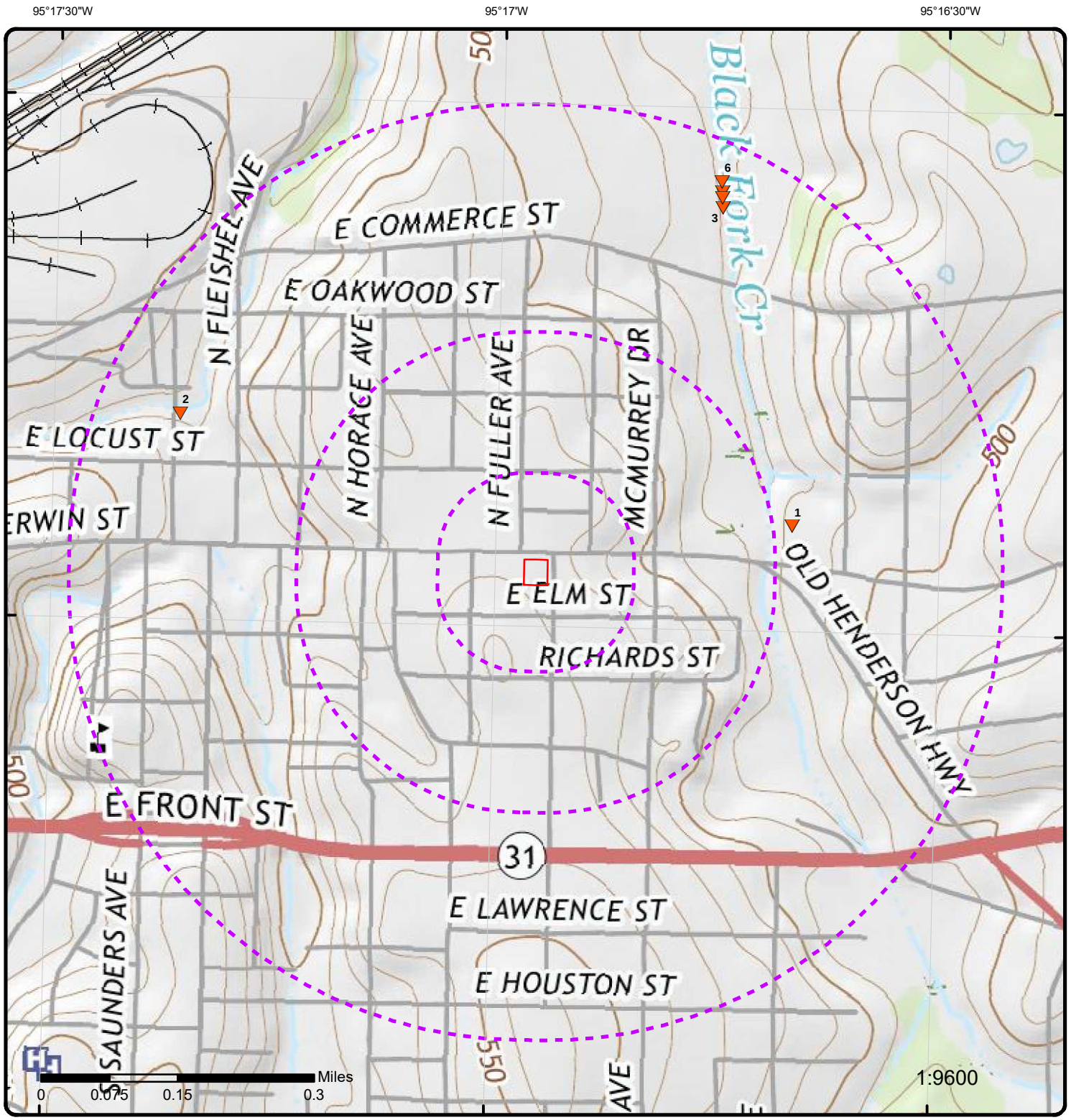
Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
1	TCEQ WELL LOGS	DURABLE MOBILE HOMES INC.	TX	E	0.27 / 1,433.25	12
			***Grid No** | **Owners Name:** 34-46-3D | DURABLE MOBILE HOMES INC.*			
2	TCEQ WELL LOGS	ENTEX INC	TX	WNW	0.41 / 2,167.78	14
			***Grid No** | **Owners Name:** 34-46-2A | ENTEX INC*			
3	SDRW WELLS	Delek Logistics Partners, LP	1702 E. Commerce Street Tyler TX 75702	NNE	0.43 / 2,280.76	17
			***Track NO:** 569240*			
4	SDRW WELLS	Delek Logistics Partners, LP	1702 E. Commerce Street Tyler TX 75702	NNE	0.44 / 2,330.38	18
			***Track NO:** 569239*			
5	SDRW WELLS	Delek Logistics Partners, LP	1702 E. Commerce Street Tyler TX 75702	NNE	0.45 / 2,362.92	19
			***Track NO:** 569241*			
6	SDRW WELLS	Delek Logistics Partners, LP	1702 E. Commerce Street Tyler TX 75702	NNE	0.46 / 2,415.34	20
			***Track NO:** 569238*			

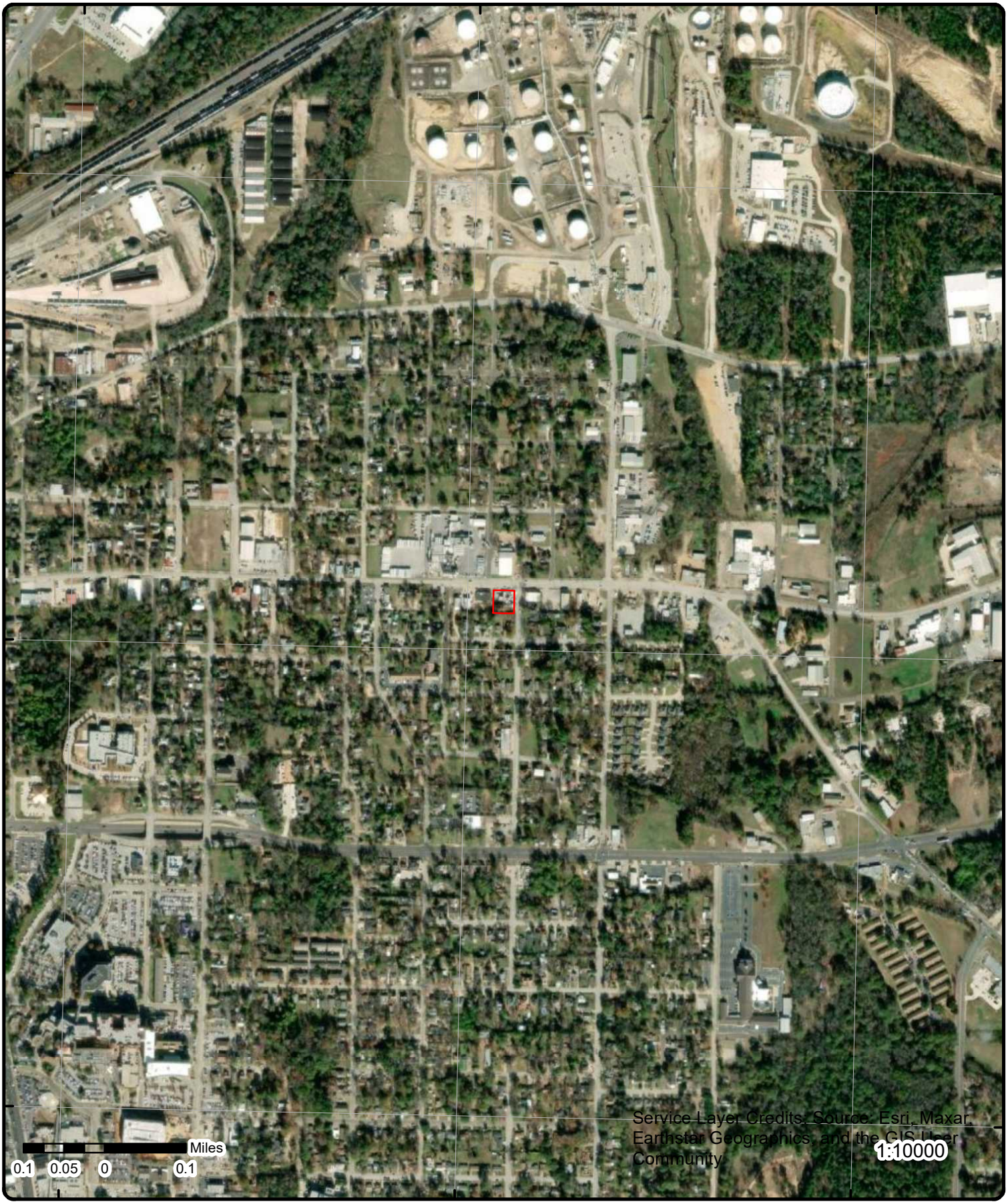


Map: 0.5 Mile Radius
Order Number: 23010400053
Address: 1505 E Erwin Street, Tyler, TX

ERIS

Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation



Aerial **Year: 2017**

Order Number: 23010400053

Address: 1505 E Erwin Street, Tyler, TX

Source: ESRI World Imagery

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
1	1 of 1	E	0.27 / 1,433.25	DURABLE MOBILE HOMES INC. TX	TCEQ WELL LOGS

Grid No: 34-46-3D
Date Drilled: 10/05/1971
Owners Name: DURABLE MOBILE HOMES INC.
County: SMITH
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 31
Latitude: 32.351008
Longitude: -95.277571

3D

nd original copy by
rtified mail to the
xas Water Development Board
. O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 39-46-3D
Located on map 16-5
Received: 2-75
Filed

1) OWNER:
Person having well drilled Durable Mobile Homes Inc. (Name) Address P.O. Box 196 (Street or RFD) Palestine (City) Texas (State)

Landowner Durable Mobil Homes Inc. (Name) Address P.O. Box 196 (Street or RFD) Palestine (City) Texas (State)

2) LOCATION OF WELL:
County Smith, inside Loop 323 (N.E., S.W., etc.) direction from Tyler (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

See Map Well # 16

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 36 in. Depth drilled 31 ft. Depth of completed well 31 ft. Date drilled 10/5/71

All measurements made from _____ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
00	18	Red bed 7gravel
18	m20	Gray water sand
20	25	gray clay & sand
25	31	gray clay

(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 Veatrice O. Spragins (Type or Print) Water Well Drillers Registration No. 1317

ADDRESS Rt. 6 box 76 (Street or RFD) Tyler (City) Texas (State)

(Signed) Veatrice O. Spragins (Water Well Driller) East Texas Earth Boring Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
2	1 of 1	WNW	0.41 / 2,167.78	ENTEX INC TX	TCEQ WELL LOGS

Grid No:	34-46-2A
Date Drilled:	04/13/1976
Owners Name:	ENTEX INC
County:	SMITH
Water Usage:	NOT REPORTED
Static Level:	NOT REPORTED
Depth Drilled:	184
Latitude:	32.351278
Longitude:	-95.289089

2A

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 13087
ustin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 34-46-2A
Located on map
Received:

1)OWNER:
Person having well drilled Entex Inc. (Name) Address P.O. Box 61 (Street or RFD) Jacksonville (City) Texas (State)
Landowner N. Townsend Street (Name) Address (Street or RFD) (City) (State)

2)LOCATION OF WELL:
County Smith, city miles in (N.E., S.W., etc.) direction of Tyler (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 12¼ in. Depth drilled 200 ft. Depth of completed well 184 ft. Date drilled 4-13-76
All measurements made from ft.above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	6	Red Clay
6	29	Sand
29	33	Lignite
33	85	Shale
85	102	Sand
102	200	Shale

(Use reverse side if necessary)

9) Casing:
Type: Old New Steel Plastic Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2"	0	84	
8 5/8"	84	184	

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 Eddie Calcutt (Type or Print) Water Well Drillers Registration No. 1274

ADDRESS Rt 1 Box 42AA (Street or RFD) Alto (City) Texas (State)

(Signed) Eddie Calcutt (Water Well Driller) Allen Lumber Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-6

2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possib , showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the w ll is located.

Reference points from which distances are measured and directions g ven should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossi s). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location o the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very imp tant. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

RECEIVED
MAY 19 1976
TEXAS WATER
DEVELOPMENT BOARD

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
3	1 of 1	NNE	0.43 / 2,280.76	Delek Logistics Partners, LP 1702 E. Commerce Street Tyler TX 75702	SDRW WELLS

Track NO:	569240
Date Submitted:	2021-03-24
Owner Name:	Delek Logistics Partners, LP
Owner Address:	250 N. Washington Street
Owner Address2:	
Owner City:	El Dorado
Owner State:	AR
Owner Zip:	71730
County:	Smith
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Other
Prop Use Oth Descr:	Recovery
Latitude:	32.356728
Longitude:	-95.279177
Drilling Date Started:	2021-03-10
Drilling Date Completed:	2021-03-10
Chemical Analysis:	No
Company Name:	C&S Lease Service
Company Address:	228 Gene Jones Road
CompanyAddress2:	
Company City:	Kilgore
Company State:	TX
Company Zip:	75662
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=569240&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	23.0
Top Depth:	0
Bottom Depth:	23

STATE OF TEXAS WELL REPORT for Tracking #569240

Owner:	**Delek Logistics Partners, LP**	Owner Well #:	**J-51**
Address:	**250 N. Washington Street El Dorado, AR 71730**	Grid #:	**34-46-3**
Well Location:	**1702 E. Commerce Street Tyler, TX 75702**	Latitude:	**32° 21' 24.22" N**
		Longitude:	**095° 16' 45.04" W**
Well County:	**Smith**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Recovery**

Drilling Start Date: **3/10/2021** Drilling End Date: **3/10/2021**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**10.25**	**0**	**23**

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**2**	**23**	**Sand**	**20/40**

Annular Seal Data: **No Data**

Seal Method: **Poured**

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 Service**

228 Gene Jones Road
Kilgore, TX 75662

Driller Name: **David Diduch** License Number: **60787**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**1**	**Very Stiff, Orange, Sandy Lean Clay, Moist**
1	**4**	**Medium Dense, Tan, Sandy Clayey Silt, Moist**
4	**12**	**Medium Stiff, Orange, Silty Fat Clay, Moist, Saturated @ 7.5'**
12	**13**	**Medium Stiff, Light Gray, Silty Fat Clay**
13	**14**	**Very Stiff, Light Gray/Light Brown, Silty Fat Clay, Moist**
14	**22**	**Hard, Brown/Orange, Silty Fat Clay, Minor Iron-oxide Cementation in Silt Lenses**
22	**23**	**Hard, Dark Greenish/Gray, Silty Fat Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Riser**	**New Plastic (PVC)**	**40**	**0**	**3**
4	**Screen**	**New Plastic (PVC)**	**40 0.010**	**3**	**23**

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 Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
4	1 of 1	NNE	0.44 / 2,330.38	Delek Logistics Partners, LP 1702 E. Commerce Street Tyler TX 75702	SDRW WELLS

Track NO:	569239
Date Submitted:	2021-03-24
Owner Name:	Delek Logistics Partners, LP
Owner Address:	250 N. Washington Street
Owner Address2:	
Owner City:	El Dorado
Owner State:	AR
Owner Zip:	71730
County:	Smith
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Other
Prop Use Oth Descr:	Recovery
Latitude:	32.356886
Longitude:	-95.279196
Drilling Date Started:	2021-03-09
Drilling Date Completed:	2021-03-09
Chemical Analysis:	No
Company Name:	C&S Lease Service
Company Address:	228 Gene Jones Road
CompanyAddress2:	
Company City:	Kilgore
Company State:	TX
Company Zip:	75662
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=569239&Type=SDR-Well

Well Borehole Information

Top Depth:	0
Bottom Depth:	23
Top Depth:	
Bottom Depth:	23.0

STATE OF TEXAS WELL REPORT for Tracking #569239

Owner:	**Delek Logistics Partners, LP**	Owner Well #:	**J-50**
Address:	**250 N. Washington Street El Dorado, AR 71730**	Grid #:	**34-46-3**
Well Location:	**1702 E. Commerce Street Tyler, TX 75702**	Latitude:	**32° 21' 24.79" N**
		Longitude:	**095° 16' 45.11" W**
Well County:	**Smith**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Recovery**

Drilling Start Date: **3/9/2021** Drilling End Date: **3/9/2021**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**10.25**	**0**	**23**

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**2**	**23**	**Sand**	**20/40**

Annular Seal Data: **No Data**

Seal Method: **Poured**

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 Service**

228 Gene Jones Road
Kilgore, TX 75662

Driller Name: **David Diduch** License Number: **60787**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**Loose/Medium Dense, Tan, Sandy Silt, Moist**
4	**10**	**Medium Stiff, Tan/Orange, Silty Fat Clay, Moist, Saturated @7'**
10	**14**	**Medium Dense, Orange/Light Gray, Clayey Silt, Saturated**
14	**17**	**Hard, Light Gray/Orange, Silty Fat Clay, Moist, Minor Iron-oxide Cementation, Saturated within Silt Seams**
17	**23**	**Hard, Dark Greenish/Gray, Silty Fat Clay, Moist, Horizontally Laminated**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Riser**	**New Plastic (PVC)**	**40**	**0**	**3**
4	**Screen**	**New Plastic (PVC)**	**40 0.010**	**3**	**23**

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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 Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
5	1 of 1	NNE	0.45 / 2,362.92	Delek Logistics Partners, LP 1702 E. Commerce Street Tyler TX 75702	SDRW WELLS

Track NO:	569241
Date Submitted:	2021-03-24
Owner Name:	Delek Logistics Partners, LP
Owner Address:	250 N. Washington Street
Owner Address2:	
Owner City:	El Dorado
Owner State:	AR
Owner Zip:	71730
County:	Smith
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Other
Prop Use Oth Descr:	Recovery
Latitude:	32.356985
Longitude:	-95.279198
Drilling Date Started:	2021-03-09
Drilling Date Completed:	2021-03-09
Chemical Analysis:	No
Company Name:	C&S Lease Service
Company Address:	228 Gene Jones Road
CompanyAddress2:	
Company City:	Kilgore
Company State:	TX
Company Zip:	75662
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=569241&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	20.0
Top Depth:	0
Bottom Depth:	20

STATE OF TEXAS WELL REPORT for Tracking #569241

Owner:	**Delek Logistics Partners, LP**	Owner Well #:	**J-49**
Address:	**250 N. Washington Street El Dorado, AR 71730**	Grid #:	**34-46-3**
Well Location:	**1702 E. Commerce Street Tyler, TX 75702**	Latitude:	**32° 21' 25.15" N**
		Longitude:	**095° 16' 45.11" W**
Well County:	**Smith**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Recovery**

Drilling Start Date: **3/9/2021** Drilling End Date: **3/9/2021**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**10.25**	**0**	**20**

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**3**	**20**	**Sand**	**20/40**

Annular Seal Data: **No Data**

Seal Method: **Poured**

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 Service**

228 Gene Jones Road
Kilgore, TX 75662

Driller Name: **David Diduch** License Number: **60787**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**7**	**Loose/Medium Dense, Tan, Silt, Moist**
7	**10**	**Medium Stiff, Orange, Silty Fat Clay, Saturated**
10	**13**	**Very Stiff, Light Greenish/Gray, Silty Fat Clay**
13	**15**	**Very Stiff, Brown/Orange, Minor Iron-oxide Cementation**
15	**20**	**Hard, Dark Greenish/Gray, Silty Fat Clay, Moist, Horizontally Laminated**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Riser**	**New Plastic (PVC)**	**40**	**0**	**5**
4	**Screen**	**New Plastic (PVC)**	**40 0.010**	**5**	**20**

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 Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
6	1 of 1	NNE	0.46 / 2,415.34	Delek Logistics Partners, LP 1702 E. Commerce Street Tyler TX 75702	SDRW WELLS

Track NO:	569238
Date Submitted:	2021-03-24
Owner Name:	Delek Logistics Partners, LP
Owner Address:	250 N. Washington Street
Owner Address2:	
Owner City:	El Dorado
Owner State:	AR
Owner Zip:	71730
County:	Smith
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Other
Prop Use Oth Descr:	Recovery
Latitude:	32.357146
Longitude:	-95.279207
Drilling Date Started:	2021-03-08
Drilling Date Completed:	2021-03-09
Chemical Analysis:	No
Company Name:	C&S Lease Service
Company Address:	228 Gene Jones Road
CompanyAddress2:	
Company City:	Kilgore
Company State:	TX
Company Zip:	75662
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=569238&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	20.0
Top Depth:	0
Bottom Depth:	20

STATE OF TEXAS WELL REPORT for Tracking #569238

Owner:	**Delek Logistics Partners, LP**	Owner Well #:	**J-48**
Address:	**250 N. Washington Street El Dorado, AR 71730**	Grid #:	**34-46-3**
Well Location:	**1702 E. Commerce Street Tyler, TX 75702**	Latitude:	**32° 21' 25.73" N**
		Longitude:	**095° 16' 45.15" W**
Well County:	**Smith**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Recovery**

Drilling Start Date: **3/8/2021** Drilling End Date: **3/9/2021**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**10.25**	**0**	**20**

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**3**	**20**	**Sand**	**20/40**

Annular Seal Data: **No Data**

Seal Method: **Poured**

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 Service**

228 Gene Jones Road
Kilgore, TX 75662

Driller Name: **David Diduch** License Number: **60787**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**5**	**Loose, Tan, Silt, Moist**
5	**14**	**Medium Stiff, Tan/Orange, Sandy Silty Fat Clay, Moist, Saturated @ 7', Ironstone @13.5'-13.9'**
14	**20**	**Hard, Dark Greenish/Gray, Silty Fat Clay, Carbonaceous**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Riser**	**New Plastic (PVC)**	**40**	**0**	**5**
4	**Screen**	**New Plastic (PVC)**	**40 0.010**	**5**	**20**

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update.

Federal

Wells from NWIS: FED USGS

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

Government Publication Date: Mar 21, 2022

State

Well Log Reports from Plotted Water Wells: TCEQ WELL LOGS

Locations of TCEQ Water Wells as derived from well logs in the Texas Commission on Environmental Quality (TCEQ) Water Well Report Viewer, which includes unnumbered water wells and those plotted to 2.5 minute grid locations (2-3 miles). In this collection of Well Log Reports, locations have been manually verified.

Government Publication Date: Jul 26, 2022

Select Wells from SDR: SDRW WELLS

Locations of wells from the Submitted Drillers Report (SDR) Database with select proposed usage: Domestic, Fracking Supply, Industrial, Irrigation, Other, Public Supply, Rig Supply, Stock, Unknown. SDR is populated from the online Texas Well Report Submission and Retrieval System (TWRSRS), a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application requiring registered water-well drillers to submit reports. Excludes SDR records with the following proposed usage: Closed-Loop Geothermal, De-watering, Environmental Soil Boring, Extraction, Injection, Monitor, Test Well.

Government Publication Date: Sep 6, 2022

Groundwater Database: GWDB

The Texas Water Development Board (TWDB) Groundwater Database (GWDB) contains information on selected water wells, springs, oil/gas tests (that were originally intended to be or were converted to water wells), water levels and water quality.

Government Publication Date: Oct 19, 2022

Fort Bend Subsidence District Water Wells: WW FORT BEND

List of water wells in the Fort Bend Subsidence District, boundaries of which are defined as all the territory within Fort Bend County. The Fort Bend Subsidence District was created by the Texas Legislature in 1989 as a conservation and reclamation district to control land subsidence and manage groundwater resources through regulation, conservation, and coordination with suppliers of alternative water sources to assure an adequate quantity and quality of water for the future. The District's purpose is to provide for the regulation of the withdrawal of groundwater within the District to prevent subsidence that contributes to flooding, inundation or overflow of areas within the District, including rising waters resulting from storms or hurricanes.

Government Publication Date: Nov 18, 2022

High Plains Water Wells: WW HIGH PLAINS

Inventory of water wells in the High Plains Underground Water Conservation District No. 1 (HPUWCD), which was created in 1951. As a political subdivision of Texas, HPUWCD is charged with protecting, preserving and conserving aquifers within the District's 16-county service area.

Government Publication Date: Apr 20, 2022

Harris Galveston Subsidence District Water Wells: WW HARRIS GAL

List of water wells in the Harris-Galveston Subsidence District (HGSD). The HGSD was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.

Government Publication Date: Nov 18, 2022

Water Utility Database: WUD

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Government Publication Date: Oct 1, 2020

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

City of Tyler
Water Well Permits

Address	Well Type	Date Installed
2224 Old Bullard	water well	12/7/1999
2121 S Robertson	water well	8/29/2000
1201 S Beckham	water well	1/19/2001
2204 Crestwood	water well	1/19/2001
2205 S Robertson	water well	1/19/2001
Willow Brook CC	water well	6/13/2001
403 MLK	water well	5/12/2003
1247 Hudson	water well	5/21/2003
6751 Lavender Rd	water well	3/21/2005
309 W MLK	water well	6/1/2005
704 Cumberland Rd	water well	7/13/2005
1901 S Broadway	monitoring well	8/26/2005
Broadway & Swan	monitoring well	9/16/2005
1301 SSW Loop 323	water well	4/10/2006
4th Street	monitoring well	5/29/2007
Vine St	monitoring well	10/31/2008
Glenwood & Vine	monitoring wells	10/31/2008
Rose Hill Cemetery	monitoring well	6/8/2010
6751 CR 35	water well	9/7/2010
501 Shelley Dr	water well	9/10/2010
6751 CR 35	water well	9/13/2010
707 Cumberland Rd	water well	12/7/2011
Brighton Creek	water well	12/8/2011
707 Cumberland Rd	water well	12/13/2011
1810 Whetstone	water well	10/31/2012
McDonald & Westminister	water well	12/12/2012
2504 McDonald Rd	water well	12/12/2012

Attachment 4
Well Reports

See Attachment 3

Attachment 5
Mailing Labels

No potentially affected wells within 0.25 mile radius

Attachment 6
Electronic Files

No potentially affected wells within 0.25 mile radius