Email information for report date:

10/5/17 16:56

A018821

Travis Co MUD #13 % Crossroads Utilities

Attn: William Abshire

[redacted]

2601 FOREST CREEK DR

ROUND ROCK, TX 78665

Lead & Copper sampling for 2017 is under way!

Let Aqua-Tech help you fulfill your state requirements. We are certified and ready to assist with sampling kits, analysis & online data retrieval. You can trust our experience and history of successful state reporting.

Call or email us today at samplingbryan@aqua-techlabs.com for more information or to set up an event.

Thank you for your business,
June M. Brien
Executive Technical Director

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
7500 Hwy 71 W, Suite 105
Austin, TX 78735
Phone: (512) 301-9559
Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NEL	NELAC accredited parameter.
ANR	Accreditation not required by the State of Texas.
DWP	Accreditation through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

NELAP Cert. T104704371

TCEQ DW Lab ID TX 239

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

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Analytical Report

Travis Co MUD #13 % Crossroads Utilities

Report Printed: 10/5/17 16:56

A018821

HWY 71 AND PEDERNALES SUMMIT PKWY (EP001)

Collected: 08/30/17 12:50 by Mark Asher
Received: 08/30/17 13:32 by Kristin Torres

Type: Grab
Matrix: Drinking Water
C-O-C #: 282274

Lab ID# A018821-01

	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
Field Parameters											
Field pH	**7.6**	Std Units		0.01	0.01	0.1	*Austin*	At Collection	SM4500-H+ B 2000	M080335	*DWP*
Temperature	**25.9**	Deg. C		0.1	0.10	0.1	*Austin*	At Collection	SM2550 B 2000	M080335	*DWP*
General Chemistry											
Total Dissolved Solids	**246**	mg/L		25.0	50.00	50.0	*Bryan*	09/04/17 13:41 BLR	SM2540 C 1997	M080481	*NEL*
Total Alkalinity as CaCO3 (pH4.5)	**158**	mg/L		4.00	16.00	16.0	*Bryan*	09/05/17 08:30 MRB	SM2320 B 2011	M080500	*DWP*
Specific Conductance (adjusted to 25.0°C)	**438**	uS/cm		2.00	2.00	2.00	*Bryan*	09/02/17 13:10 JMB	SM2510 B 2011	M080474	*NEL*
Metals (Total)											
Calcium	**40.8**	mg/L		0.080	0.69	0.867	*Bryan*	09/25/17 12:08 MRG	EPA 200.7 R4.4	M080806	*DWP*
Iron	**0.020**	mg/L		0.007	0.01	0.010	*Bryan*	10/03/17 19:16 MRG	EPA 200.7 R4.4	M080813	*NEL*
Manganese	**<0.010**	mg/L	J (0.002)	0.001	0.00	0.010	*Bryan*	10/03/17 19:16 MRG	EPA 200.7 R4.4	M080813	*NEL*
Sodium	**14.7**	mg/L		0.024	0.21	0.867	*Bryan*	09/25/17 12:08 MRG	EPA 200.7 R4.4	M080806	*NEL*
General Chemistry											
Sulfate as SO4	**25.5**	mg/L		0.01		3	*Sub*	09/06/17 22:03 ANA	EPA 300.0	738715	*NEL*
General Chemistry											
Chloride	**34.2**	mg/L		0.01		3	*Sub*	09/06/17 22:03 ANA	EPA 300.0	738715	*NEL*

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Analytical Report

Travis Co MUD #13 % Crossroads Utilities

Report Printed: 10/5/17 16:56

A018821

208 MIA (DS01)

Collected: 08/30/17 13:00 by Mark Asher
Received: 08/30/17 13:32 by Kristin Torres

Type: Grab
Matrix: Drinking Water
C-O-C #: 282274

Lab ID# A018821-02

	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
Field Parameters											
Field pH	**7.8**	Std Units		0.01	0.01	0.1	*Austin*	At Collection	SM4500-H+ B 2000	M080335	*DWP*
Temperature	**27.5**	Deg. C		0.1	0.10	0.1	*Austin*	At Collection	SM2550 B 2000	M080335	*DWP*
General Chemistry											
Total Dissolved Solids	**246**	mg/L		25.0	50.00	50.0	*Bryan*	09/04/17 13:41 BLR	SM2540 C 1997	M080481	*NEL*
Total Alkalinity as CaCO3 (pH4.5)	**155**	mg/L		4.00	16.00	16.0	*Bryan*	09/05/17 08:30 MRB	SM2320 B 2011	M080500	*DWP*
Specific Conductance (adjusted to 25.0°C)	**446**	uS/cm		2.00	2.00	2.00	*Bryan*	09/02/17 13:10 JMB	SM2510 B 2011	M080474	*NEL*
Metals (Total)											
Calcium	**40.1**	mg/L		0.080	0.69	0.867	*Bryan*	09/25/17 12:15 MRG	EPA 200.7 R4.4	M080806	*DWP*
Iron	**<0.010**	mg/L		0.007	0.01	0.010	*Bryan*	10/03/17 19:20 MRG	EPA 200.7 R4.4	M080813	*NEL*
Manganese	**<0.010**	mg/L	J (0.002)	0.001	0.00	0.010	*Bryan*	10/03/17 19:20 MRG	EPA 200.7 R4.4	M080813	*NEL*
Sodium	**14.6**	mg/L		0.024	0.21	0.867	*Bryan*	09/25/17 12:15 MRG	EPA 200.7 R4.4	M080806	*NEL*
General Chemistry											
Sulfate as SO4	**25.3**	mg/L		0.01		3	*Sub*	09/07/17 08:39 ANA	EPA 300.0	738782	*NEL*
General Chemistry											
Chloride	**34.5**	mg/L	P*	0.02		3	*Sub*	09/07/17 08:39 ANA	EPA 300.0	738782	*NEL*

Explanation of Notes

J	Analyte detected below the SQL but above the MDL.
P*	Spike recovery outside control limits due to matrix effects.

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Analytical Report

Travis Co MUD #13 % Crossroads Utilities

Report Printed: **10/5/17** **16:56**

A018821

Field Parameters - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Field pH - SM4500-H+ B 2000													*Austin*
LCS	7.0	Std Units		0.1	08/30/17 06:50 MSA	6.86		101	90 - 110			M080335	
LCS	9.1	Std Units		0.1	08/30/17 06:50 MSA	9.18		98.7	90 - 110			M080335	
LCS	7.0	Std Units		0.1	08/30/17 14:30 MSA	6.86		102	90 - 110			M080335	
LCS	9.0	Std Units		0.1	08/30/17 14:30 MSA	9.18		97.9	90 - 110			M080335	
Duplicate	9.4	Std Units		0.1	08/30/17 14:48 MSA		9.4			0.107	0.862	M080335	
LCS	7.0	Std Units		0.1	08/30/17 15:52 MSA	6.86		102	90 - 110			M080335	
LCS	9.0	Std Units		0.1	08/30/17 15:52 MSA	9.18		98.5	90 - 110			M080335	
Temperature - SM2550 B 2000													*Austin*
Duplicate	27.2	Deg. C		0.1	08/30/17 14:48 MSA		27.2			0.00	1.71	M080335	

General Chemistry - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Specific Conductance (adjusted to 25.0°C) - SM2510 B 2011													*Bryan*
Blank	<2.00	uS/cm		2.00	09/02/17 13:10 JMB							M080474	
Duplicate	3260	uS/cm		8.00	09/02/17 13:10 JMB		3320			1.95	3.84	M080474	
LCS	1420	uS/cm		2.00	09/02/17 13:10 JMB	1410		101	90 - 110			M080474	
Initial Cal Check	342	uS/cm			09/02/17 13:17 JMB	326		105	85 - 115			1709010	
Sulfate - EPA 375.4 1978													*Bryan*
Initial Cal Check	11.0	mg/L			07/18/17 08:45 MRB	10.0		110	80 - 120			1707087	
Initial Cal Check	11.0	mg/L			09/05/17 08:30 MRB	10.0		110	80 - 120			1709015	
Total Alkalinity as CaCO3 (pH4.5) - SM2320 B 2011													*Bryan*
Initial Cal Check	6.90	mg/L			09/05/17 08:30 MRB	6.86		101	97 - 103			1709016	
Initial Cal Check	9.13	mg/L			09/05/17 08:30 MRB	9.18		99.5	97 - 103			1709016	
Duplicate	242	mg/L		16.0	09/05/17 08:30 MRB		238			1.67	6.16	M080500	
LCS	86.0	mg/L		16.0	09/05/17 08:30 MRB	80.0		108	90.2 - 116			M080500	
LCS Dup	84.0	mg/L		16.0	09/05/17 08:30 MRB	80.0		105	90.2 - 116	2.35	11.3	M080500	
Total Dissolved Solids - SM2540 C 1997													*Bryan*
Blank	<25.0	mg/L		25.0	09/04/17 13:41 BLR							M080481	
Duplicate	438	mg/L		50.0	09/04/17 13:41 BLR		436			0.458	14.9	M080481	
Reference	41.0	mg/L		33.3	09/04/17 13:41 BLR	50.1		81.8	77 - 126			M080481	

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Analytical Report

Travis Co MUD #13 % Crossroads Utilities

Report Printed: **10/5/17** **16:56**

A018821

Metals (Total) - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Calcium - EPA 200.7 R4.4													*Bryan*
Blank	<0.087	mg/L		0.087	09/25/17 12:47 MRG							M080806	
LCS	9.26	mg/L		0.088	09/25/17 12:53 MRG	10.0		92.6	84.5 - 115.4			M080806	
LCS Dup	9.38	mg/L		0.088	09/25/17 13:03 MRG	10.0		93.8	84.5 - 115.4	1.25	20	M080806	
Duplicate	74.8	mg/L		0.867	09/25/17 13:06 MRG		72.7			2.84	20	M080806	
Matrix Spike	162	mg/L		0.878	09/25/17 13:10 MRG	100	72.7	89.4	69.5 - 130.4			M080806	
Iron - EPA 200.7 R4.4													*Bryan*
Blank	<0.010	mg/L		0.010	10/03/17 18:33 MRG							M080813	
LCS	1.09	mg/L		0.010	10/03/17 18:37 MRG	1.00		109	84.5 - 115.4			M080813	
LCS Dup	1.14	mg/L		0.010	10/03/17 18:40 MRG	1.00		114	84.5 - 115.4	4.48	20	M080813	
Duplicate	<0.010	mg/L		0.010	10/03/17 19:02 MRG		<0.010				20	M080813	
Matrix Spike	0.971	mg/L		0.010	10/03/17 19:05 MRG	1.00	<0.010	97.1	69.5 - 130.4			M080813	
Manganese - EPA 200.7 R4.4													*Bryan*
Blank	<0.010	mg/L	*J (0.002)*	0.010	10/03/17 18:33 MRG							M080813	
LCS	1.08	mg/L		0.010	10/03/17 18:37 MRG	1.00		108	84.5 - 115.4			M080813	
LCS Dup	1.12	mg/L		0.010	10/03/17 18:40 MRG	1.00		112	84.5 - 115.4	3.88	20	M080813	
Duplicate	<0.010	mg/L		0.010	10/03/17 19:02 MRG		<0.010				20	M080813	
Matrix Spike	1.02	mg/L		0.010	10/03/17 19:05 MRG	1.00	<0.010	102	69.5 - 130.4			M080813	
Sodium - EPA 200.7 R4.4													*Bryan*
Blank	<0.087	mg/L		0.087	09/25/17 12:47 MRG							M080806	
LCS	9.87	mg/L		0.088	09/25/17 12:53 MRG	10.0		98.7	84.5 - 115.4			M080806	
LCS Dup	9.98	mg/L		0.088	09/25/17 13:03 MRG	10.0		99.8	84.5 - 115.4	1.16	20	M080806	
Duplicate	41.8	mg/L		0.867	09/25/17 13:06 MRG		41.4			0.796	20	M080806	
Matrix Spike	157	mg/L		0.878	09/25/17 13:10 MRG	100	41.4	115	69.5 - 130.4			M080806	

Preparation Procedures - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Turbidity - SM2130 B 2011													*Bryan*
Initial Cal Check	5.1	NTU			09/01/17 14:51 AOG	5.54		92.4	85 - 115			1709009	

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Analytical Report

Travis Co MUD #13 % Crossroads Utilities

Report Printed: **10/5/17** **16:56**

A018821

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
A018821-01										
Calcium	EPA 200.7 R4.4	9/25/17 11:30 MRG	Bryan	B	1.00	mL	8.67	mL	1	M080806
Iron	EPA 200.7 R4.4	10/3/17 15:33 MRG	Bryan	B	10.0	mL	10.2	mL	1	M080813
Manganese	EPA 200.7 R4.4	10/3/17 15:33 MRG	Bryan	B	10.0	mL	10.2	mL	1	M080813
Sample Acidified to pH<2 in Lab	N/A	8/30/17 14:57 KK	Bryan	B	1000	mL	1000	mL	1	M080346
Sodium	EPA 200.7 R4.4	9/25/17 11:30 MRG	Bryan	B	1.00	mL	8.67	mL	1	M080806
Specific Conductance (adjusted to 25.0°C)	SM2510 B 2011	9/2/17 13:10 JMB	Bryan	A	25.0	mL	25.0	mL	1	M080474
Total Alkalinity as CaCO3 (pH4.5)	SM2320 B 2011	9/5/17 8:30 MRB	Bryan	A	50.0	mL	200	mL	1	M080500
Total Dissolved Solids	SM2540 C 1997	9/4/17 13:41 BLR	Bryan	A	50.0	mL	100	mL	1	M080481
Turbidity	SM2130 B 2011	9/1/17 14:51 AOG	Bryan	B	10.0	mL	10.0	mL	1	M080456
See sub-contract reports for preparation information of subcontracted analyses.										
A018821-02										
Calcium	EPA 200.7 R4.4	9/25/17 11:30 MRG	Bryan	B	1.00	mL	8.67	mL	1	M080806
Iron	EPA 200.7 R4.4	10/3/17 15:33 MRG	Bryan	B	10.0	mL	10.2	mL	1	M080813
Manganese	EPA 200.7 R4.4	10/3/17 15:33 MRG	Bryan	B	10.0	mL	10.2	mL	1	M080813
Sample Acidified to pH<2 in Lab	N/A	8/30/17 14:57 KK	Bryan	B	1000	mL	1000	mL	1	M080346
Sodium	EPA 200.7 R4.4	9/25/17 11:30 MRG	Bryan	B	1.00	mL	8.67	mL	1	M080806
Specific Conductance (adjusted to 25.0°C)	SM2510 B 2011	9/2/17 13:10 JMB	Bryan	A	25.0	mL	25.0	mL	1	M080474
Total Alkalinity as CaCO3 (pH4.5)	SM2320 B 2011	9/5/17 8:30 MRB	Bryan	A	50.0	mL	200	mL	1	M080500
Total Dissolved Solids	SM2540 C 1997	9/4/17 13:41 BLR	Bryan	A	50.0	mL	100	mL	1	M080481
Turbidity	SM2130 B 2011	9/1/17 14:51 AOG	Bryan	B	10.0	mL	10.0	mL	1	M080456
See sub-contract reports for preparation information of subcontracted analyses.										

282274

TCEQ

WATER QUALITY PARAMETER CHAIN OF CUSTODY FORM 20679

Section I (PWS Information)

PWS Name: Travis County mud 13
PWS ID #: 2270388
PWS Contact Name: William Abshire
PWS Contact Number: 512-246-1400

PWS Type: ☑ Community ☐ NTNC
Population: ☑ <50,000 ☐ 50,001 to 100,000 ☐ >100,000

☑ Compliance ☐ Noncompliance ☐ Tap Copper Exceedance ☐ Tap Lead Exceedance

☑ Distribution System — # DS Samples Required: 1 # DS Samples Submitted: 1
☑ Entry Point — # EP Samples Required: 1 # EP Samples Submitted: 1

Inhibitor or stabilizer used: ☐ phosphate ☐ calcium carbonate ☐ silica

Section II (Completed by Laboratory)

Lab Name: Aqua Tech Labs
Laboratory Address: 635 Phil Gramm Bryan TX 77807
Laboratory Contact Name: M. Guzman
Lab Phone: 979-778-3707

Parameters Requested: *Analyses are required for the parameters checked. If inhibitors containing PO4 or silicate are used, then these parameters should also be tested depending on which is used.

Source ID (e.g. DS01, EP001)	Sample Location	Sample Collection Date (MMDDYY)	Sample Collection Time (HHMM)	pH (1925)	pH method	Temp (°C) (1996)	Temp Method	Lab Sample ID	Alkalinity (1927)	Calcium (1919)	Chloride (1017)	Conductivity (1064)	Hardness (1915)	Iron (1028)	Manganese (1032)	Sodium (1052)	Sulfate (1055)	TDS (1930)	O-phosphate (1044)	Silica (1049)
EP001	Hwy 71 & Pedernales	083017	1250	7.60	SM4500H+B	25.9	SM2550B	A018821-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
DS01	208 Mia	083017	1300	7.82		27.5		A018821-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
					NFE	LRT?			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*

I acknowledge that the information on this form is true and correct and sites selected for sampling following TCEQ instructions including but not limited to the measurement of pH and temperature according to approved methods immediately upon collection (within 15 minutes).

~~Mark Asher~~ [signature] ~~8-30-17~~ (wrong version)

Name Daniel Tatum **Signature** [signature] **Date** 8.30.17

Containers
☑ ~~2~~ 1 L plastic bottles (wrong vol)
☑ 1 L preserved upon receipt

Conditions Upon Receipt
☑ Ice ☐ Ambient
Temp Upon Receipt: 4.6 C
Corrected Temp Upon Receipt: 4.6 C
Comments:

Relinquished By (Name, Signature)	Date	Time	Received By: (Name, Signature)	Date	Time
Mark Asher [signature]	8-30-17	1332	Kristin Torres [signature]	8-30-17	1332

(For TCEQ use only) ☐ Disapproved ☐ Accepted Comments:

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 e-Mail corp@ana-lab.com LELAP-accredited #02008

Employee Owned Integrity Caring Continual Improvement

Printed 09/08/2017 Page 1 of 1

Report

Table of Contents

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Account
AQU5 -C

Project
797771

This report consists of this Table of Contents and the following pages:

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

Employee Owned Integrity Caring Continual Improvement

Results

Printed: 09/08/2017

Account	*Project*
AQU5-C	797771

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Results

1618480 **A018821-01** *Received:* 09/01/2017

Drinking Water *Collected by:* Client Aqua-Tech Laboratori
Taken: 08/30/2017 12:50:00

EPA 300.0 2.1 *Prepared:* 738715 09/06/2017 22:03:00 *Analyzed* 738715 09/06/2017 22:03:00 AMB

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
N	**Chloride**	**34.2**	**mg/L**	3.00			01

1618481 **A018821-02** *Received:* 09/01/2017

Drinking Water *Collected by:* Client Aqua-Tech Laboratori
Taken: 08/30/2017 13:00:00

EPA 300.0 2.1 *Prepared:* 738782 09/07/2017 08:39:00 *Analyzed* 738782 09/07/2017 08:39:00 AMB

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
N	**Chloride**	**34.5**	**mg/L**	3.00	P		01

Sample Preparation

1618480 **A018821-01** *Received:* 09/01/2017

Prepared: 09/08/2017 00:00:00 *Analyzed* 09/08/2017 00:00:00 TWV

z	**TCEQ WQP Form**	**See attached**					

Prepared: 737972 09/01/2017 00:00:00 *Analyzed* 737972 09/01/2017 00:00:00 CCP

	Cooler Temperature	**2.0**	**degrees**				01

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

Employee Owned Integrity Caring Continual Improvement

Results

Printed: 09/08/2017

1618481 **A018821-02** *Received:* 09/01/2017

Prepared:	737972	09/01/2017	00:00:00	*Analyzed*	737972	09/01/2017	00:00:00	CCP

Cooler Temperature	**2.0**	**degrees**	01

Qualifiers:

P - Spike recovery outside control limits due to matrix effects.

We report results on an 'As Received' or wet basis unless marked 'Dry Weight'. Unless otherwise noted, testing was performed at Ana-lab's corporate laboratory that holds the following Federal and State certificates: Texas Department of Health Lead Firm Certificate 2110076, US Department of Agriculture Soil Import Permit S-37592, Texas Commisson on Environmental Quality Drinking Water Laboratory Certificate TX219, Texas Commission on Environmental Quality NELAP T104704201, Oklahoma Department of Environmental Quality Drinking Water Certification Lab ID# D9913, EPA Lab Number TX00063, USEPA Approved Perchlorate Testing Lab, Oklahoma Department of Environmental Quality Laboratory Certificate 8125, Arkansas Department of Environmental Quality Certification #03-070-0, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water (NELAP) # LA030020, US Department of Energy Approved, State of Kansas Department of Health and Environment Waste Water and Solid/Hazardous Waste Cert. E-10365. The Accredited column designates accreditation by N -- NELAC, or z -- not covered under NELAC scope of accreditation.

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RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Paul Zhang, Ph.D., Quality Director

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Results Summary

Project 797771

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

TX2270388

CAS	Parameter	Results	MDL	SDL	MQL	MQLAdj	Flag	Units	Target	Bottle	Dilute
Drinking Water	**Ion Chromatography**								**EPA 300.0 2.1**		
1618480	**A018821-01**										
	Collection:	08/30/2017		12:50:00	Client				*Received:*	09/01/2017	
	Prepared: 738715			*Analyzed:*	738715	9/6/17	22:03:00				
	Chloride	**34.2**	0.0053	0.053	0.300	3.00		**mg/L**	250 Secondary Standard	01	10.00
1618481	**A018821-02**										
	Collection:	08/30/2017		13:00:00	Client				*Received:*	09/01/2017	
	Prepared: 738782			*Analyzed:*	738782	9/7/17	08:39:00				
	Chloride	**34.5**	0.0196	0.196	0.300	3.00	P	**mg/L**	250 Secondary Standard	01	10.00

MDL is Method Detection Limit (40 CFR 136 Appendix B)

SDL is Sample Detection Limit and is the adjusted MDL (sample specific dilutions, dry weight)

MQL is the Method Quantitation Limit and corresponds to a low standard

MQLADJ is the Adjusted Method Quantitation Limit (dilutions, dry weight)

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Results Summary

Printed 09/08/2017 Page 2 of 2

Project 797771

TX2270388

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Qualifiers:

P - Spike recovery outside control limits due to matrix effects.

We report results on an 'As Received' or wet basis unless marked 'Dry Weight'. Unless otherwise noted, testing was performed at Ana-lab's corporate laboratory that holds the following Federal and State certificates: Texas Department of Health Lead Firm Certificate 2110076, US Department of Agriculture Soil Import Permit S-37592, Texas Commisson on Environmental Quality Drinking Water Laboratory Certificate TX219, Texas Commission on Environmental Quality NELAP T104704201, Oklahoma Department of Environmental Quality Drinking Water Certification Lab ID# D9913, EPA Lab Number TX00063, USEPA Approved Perchlorate Testing Lab, Oklahoma Department of Environmental Quality Laboratory Certificate 8125, Arkansas Department of Environmental Quality Certification #03-070-0, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water (NELAP) # LA030020, US Department of Energy Approved, State of Kansas Department of Health and Environment Waste Water and Solid/Hazardous Waste Cert. E-10365. The Accredited column designates accreditation by N -- NELAC, or z -- not covered under NELAC scope of accreditation.

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Paul Zhang, Ph.D., Quality Director

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Quality Control

Printed 09/08/2017

TX2270388

Account	Project
AQU5 -C	797771

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Analytical Set **738715** **EPA 300.0 2.1**

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units		File
Chloride	738715	0.098	0.0053	0.300	mg/L	*	117960840

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Chloride	10.1	10.0	mg/L	101	90.0 - 110	117960837
	10.0	10.0	mg/L	100	90.0 - 110	117960853

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Chloride	738715	4.78	4.82	5.00	85.0 - 110	95.6	96.4	mg/L	0.833	20.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Chloride	1618480	42.2	43.2	34.2	10.0	80.0 - 120	80.0	90.0	mg/L	11.8	20.0

Analytical Set **738782** **EPA 300.0 2.1**

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units		File
Chloride	738782	0.048	0.0196	0.100	mg/L	*	117961843

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Chloride	9.93	10.0	mg/L	99.3	90.0 - 110	117961840
	9.75	10.0	mg/L	97.5	90.0 - 110	117961856

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Chloride	738782	4.85	4.89	5.00	85.0 - 110	97.0	97.8	mg/L	0.821	20.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Chloride	1618481	42.2	42.1	34.5	10.0	80.0 - 120	77.0 *	76.0 *	mg/L	1.31	20.0

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100% Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank; CCV - Continuing Calibration Verification

AQUA-TECH LABORATORIES, INC.

ATL - Bryan Facility:
635 Phil Gramm Blvd.
Bryan, TX 77807
(979) 778-3707
Fax (979) 778-3193

ATL - Austin Facility:
7500 Hwy 71 W, Suite 105
Austin, TX 78735
(512) 301-9559
Fax (512) 301-9552

Chain-of-Custody & Analysis Request

SHIPPED TO:
Ana-Lab Corp, (NELAP Cert. T104704201)
2600 Dudley Road
Kilgore, TX 75662
Phone: (903) 984-0551
Fax: (903) 984-5914

C-O-C #

832 - A018821

T104704371

Page 1 of 1

All analyses must be performed by a TNI approved method certified by the TCEQ. Contact ATL's sample custodian via voice and email if your methods do not meet this criteria.

Analysis Request for: **Sample ID: A018821-01** Sampled: 08/30/17 12:50 Matrix: Drinking Water **Laboratory ID >>** 161480

Chloride - EPA 300.0

Analysis Request for: **Sample ID: A018821-02** Sampled: 08/30/17 13:00 Matrix: Drinking Water **Laboratory ID >>** 481

Chloride - EPA 300.0

CONTAINERS SUPPLIED: (ATL indicates cooler number in parentheses for each container - only required if more than one cooler listed below.)

( ) A018821-01 [C] - CL 0.25LP

( ) A018821-02 [C] - CL 0.25LP

Relinquished by: (print & sign) [X] ATL-Austin [ ] ATL - Bryan [ ] Sampler — Kelly Kukowski — Date: 8/31/17 — Time: 1540

Carrier & Tracking Number: Lone Star — Cooler 1: AQU5 - ZV545099

Received by: (print & sign) [✓] Received in Lab — Christi Parker Ana-Lab — Date: 9/1/17 — Time: 0935

Iced / Custody Sealed / Not Chilled

Sample Info "X" all that apply: Received Iced / CTU / Condition Good / Not Rec'd Iced

Line below documents condition at receipt in lab (shipped to) listed above.

Cooler Temperature (°C)	Temp. Read (TR)	Corrected Temp. (CT)	Thermometer ID
Cooler 1			
N/A	N/A	N/A	

Please email reports to: corp@aqua-techlabs.com

Please return cooler(s) to: Austin Facility

Abbreviations: DW - Drinking Water; NP - Non-Potable Water; S - Solid; CTU - Custody Transfer Unbroken; StP - Sterile Plastic; LP - Liter Plastic; LG - Liter Glass

Aqua-Tech Comments and Special Instructions

5 DAY TAT 2.0°C

005057 ☐ CF
006092 ☑ CF D.O
006093 ☐ CF
003688 ☐ CF

BRET

797771 CoC Print Group 001 of 001

Airbill No. ZV545099

SHIP TO:
RECEIVING
ANA LAB CORP
2600 DUDLEY RD
KILGORE, TX 75662
9039840551

From:
KELLY KUKOWSKI
AQUA TECH LABS
7500 HWY 71 W
105
AUSTIN, TX 78735
5123019559

2.00

WGGG **LSO GROUND**
END OF BUSINESS DAY DELIVERY

PRINT DATE: 8/31/2017
QUICKCODE: WEIGHT: 25.00LBS
REF 1: 1D00V.0000

Fold on above line and place shipping label in pouch on package. Please be sure the barcodes and addresses can be read and scanned. Shipping Instructions

1. Fold this page along the horizontal line above.
2. Place this Airbill in the shipping label pouch on the package you are shipping. Please be sure the barcodes and addresses can be read and scanned.
3. To locate a drop box near you, click on **Find A Drop Box** from the home page main menu.
4. To schedule a pickup, click on **Request Pickup**.

WARNING: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your Lone Star Overnight account number.

This label is valid for use for 3 months from the date printed. Use of expired labels may result in delayed billing and / or additional research charges. LIMIT

OF LIABILITY: We are not responsible for claims in excess of $100 for any reason unless you: 1) declare a greater value (not to exceed $25,000); 2) pay an additional fee; 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Additional limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 8:30 AM DELIVERIES OR RESIDENTIAL DELIVERIES.

TCEQ

282274

WATER QUALITY PARAMETER CHAIN OF CUSTODY FORM 20679

Section I (PWS Information)

PWS Name: Travis County mud 17
PWS ID #: 2270388
PWS Contact Name: William Abshire
PWS Contact Number: 512-246-1400

PWS Type: ☑ Community ☐ NTNC
Population: ☑ <50,000 ☐ 50,001 to 100,000 ☐ >100,000

☑ Compliance ☐ Noncompliance ☐ Tap Copper Exceedance ☐ Tap Lead Exceedance

☑ Distribution System — # DS Samples Required: 1 # DS Samples Submitted: 1
☑ Entry Point — # EP Samples Required: 1 # EP Samples Submitted: 1

Inhibitor or stabilizer used: ☐ phosphate ☐ calcium carbonate ☐ silica

Section II (Completed by Laboratory)

Lab Name: Aqua Tech labs
Laboratory Address: 635 Phil Gramm Bryan, TX 77807
Laboratory Contact Name: M. Guzman
Lab Phone: 979-778-3707

Parameters Requested: *Analyses are required for the parameters checked. If inhibitors containing PO4 or silicate are used, then these parameters should also be tested depending on which is used.

Source ID (e.g. DS01; EP001)	Sample Location	Sample Collection Date (MMDDYY)	Sample Collection Time (HHMM)	pH (1925)	pH method	Temp (°C) (1996)	Temp Method	Lab Sample ID	Alkalinity (1927)	Calcium (1919)	Chloride (1017)	Conductivity (1064)	Hardness (1915)	Iron (1028)	Manganese (1032)	Sodium (1052)	Sulfate (1055)	TDS (1930)	O-phosphate (1044)	Silica (1049)
EP001	Hwy 71 & Pedernales	083017	1250	7.60	SM4500H+B	25.9	SM 2550B	A018821-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
DS01	208 Mia	083017	1300	7.82		27.5		A018821-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
					NFE	LPT			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*

I acknowledge that the information on this form is true and correct and sites selected for sampling following TCEQ instructions including but not limited to the measurement of pH and temperature according to approved methods immediately upon collection (within 15 minutes).

Name: ~~McCasky~~ Daniel Tatum — Signature: [signature] — Date: ~~8-30-17~~ 8.30.17

Containers: ☑ ~~2~~ 1 L plastic bottles (1 wrong vol) ☑ 1 L preserved upon receipt

Conditions Upon Receipt: ☑ Ice ☐ Ambient
Temp Upon Receipt: 4.6 C
Corrected Temp Upon Receipt: 4.6 C
Comments:

Relinquished By (Name, Signature)	Date	Time	Received By: (Name, Signature)	Date	Time
McCasky [signature]	8-30-17	1332	Kristin Torres [signature]	8-30-17	1332

(For TCEQ use only) ☐ Disapproved ☐ Accepted Comments:

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 e-Mail corp@ana-lab.com LELAP-accredited #02008

Employee Owned Integrity Caring Continual Improvement

Printed 09/29/2017 Page 1 of 1

Report

Table of Contents

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Account
AQU5 -C

Project
799890

Additional Testing

This report consists of this Table of Contents and the following pages:

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

Employee Owned Integrity Caring Continual Improvement

Results

Printed: 09/29/2017

Additional Testing

Account	*Project*
AQU5-C	799890

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Results

1623396 **A018821-01** *Received:* 09/01/2017

Drinking Water *Collected by:* Client Aqua-Tech Laboratori
Taken: 08/30/2017 12:50:00

Supplement to Test Report 1618480

EPA 300.0 2.1 *Prepared:* 738715 09/06/2017 22:03:00 *Analyzed* 738715 09/06/2017 22:03:00 AMB

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
N	**Sulfate**	**25.5**	**mg/L**	3.00			01

1623397 **A018821-02** *Received:* 09/01/2017

Drinking Water *Collected by:* Client Aqua-Tech Laboratori
Taken: 08/30/2017 13:00:00

Supplement to Test Report 1618481

EPA 300.0 2.1 *Prepared:* 738782 09/07/2017 08:39:00 *Analyzed* 738782 09/07/2017 08:39:00 AMB

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
N	**Sulfate**	**25.3**	**mg/L**	3.00			01

Sample Preparation

1623396 **A018821-01** *Received:* 09/01/2017

Prepared: 09/29/2017 00:00:00 *Analyzed* 09/29/2017 00:00:00 TWV

z	**TCEQ WQP Form**	**See attached**					

Prepared: 737972 09/01/2017 00:00:00 *Analyzed* 737972 09/01/2017 00:00:00 CCP

	Cooler Temperature	**2.0**	**degrees**				01

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

Employee Owned Integrity Caring Continual Improvement

Results

Printed: 09/29/2017 Page 2 of 2

1623397 **A018821-02** *Received:* 09/01/2017

	Prepared:	737972	09/01/2017	00:00:00	*Analyzed*	737972	09/01/2017	00:00:00	*CCP*

Cooler Temperature	**2.0**	**degrees**	01

Qualifiers:

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LELAP-accredited #02008

Printed 09/29/2017 Page 1 of 2

Results Summary

Project 799890

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Additional Testing

CAS	Parameter	Results	MDL	SDL	MQL	MQLAdj	Flag	Units	Target	Bottle	Dilute
Drinking Water	**Ion Chromatography**								**EPA 300.0 2.1**		
1623396	**A018821-01**										
		Collection:	08/30/2017		12:50:00	Client			*Received:*	09/01/2017	
Supplement to Test Report 1618480											
	Prepared: **738715**			*Analyzed:*	**738715**		9/6/17		22:03:00		
	Sulfate	**25.5**	0.00775	0.0775	0.300	3.00		**mg/L**	250 Secondary Standard	01	10.00
1623397	**A018821-02**										
		Collection:	08/30/2017		13:00:00	Client			*Received:*	09/01/2017	
Supplement to Test Report 1618481											
	Prepared: **738782**			*Analyzed:*	**738782**		9/7/17		08:39:00		
	Sulfate	**25.3**	0.0109	0.109	0.300	3.00		**mg/L**	250 Secondary Standard	01	10.00

MDL is Method Detection Limit (40 CFR 136 Appendix B)

SDL is Sample Detection Limit and is the adjusted MDL (sample specific dilutions, dry weight)

MQL is the Method Quantitation Limit and corresponds to a low standard

MQLADJ is the Adjusted Method Quantitation Limit (dilutions, dry weight)

Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

LELAP-accredited #02008

Printed 09/29/2017 Page 2 of 2

Results Summary

Project 799890

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Additional Testing

Qualifiers:

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Employee Owned Integrity Caring Continual Improvement

Quality Control

Printed 09/29/2017

Additional Testing

Account	*Project*
AQU5 -C	**799890**

Report To

Aqua-Tech Laboratories (Austin
John Brien
635 Phil Gramm Blvd.
Bryan, TX 77807-9104

Analytical Set **738715** **EPA 300.0 2.1**

Blank

Parameter	***PrepSet***	***Reading***	***MDL***	***MQL***	***Units***		***File***
Sulfate	738715	0.151	0.00775	0.300	mg/L	*	117960840

CCV

Parameter	***Reading***	***Known***	***Units***	***Recover%***	***Limits%***	***File***
Sulfate	10.1	10.0	mg/L	101	90.0 - 110	117960837
	10.1	10.0	mg/L	101	90.0 - 110	117960853

LCS Dup

Parameter	***PrepSet***	***LCS***	***LCSD***	***Known***	***Limits%***	***LCS%***	***LCSD%***	***Units***	***RPD***	***Limit%***
Sulfate	738715	4.85	4.82	5.00	88.0 - 110	97.0	96.4	mg/L	0.620	20.0

MSD

Parameter	***Sample***	***MS***	***MSD***	***UNK***	***Known***	***Limits***	***MS%***	***MSD%***	***Units***	***RPD***	***Limit%***
Sulfate	1618480	33.3	34.0	25.5	10.0	80.0 - 120	78.0 *	85.0	mg/L	8.59	20.0

Analytical Set **738782** **EPA 300.0 2.1**

Blank

Parameter	***PrepSet***	***Reading***	***MDL***	***MQL***	***Units***		***File***
Sulfate	738782	0.167	0.0109	0.300	mg/L	*	117961843

CCV

Parameter	***Reading***	***Known***	***Units***	***Recover%***	***Limits%***	***File***
Sulfate	10.2	10.0	mg/L	102	90.0 - 110	117961840
	10.1	10.0	mg/L	101	90.0 - 110	117961856

LCS Dup

Parameter	***PrepSet***	***LCS***	***LCSD***	***Known***	***Limits%***	***LCS%***	***LCSD%***	***Units***	***RPD***	***Limit%***
Sulfate	738782	5.08	5.20	5.00	88.0 - 110	102	104	mg/L	2.33	20.0

MSD

Parameter	***Sample***	***MS***	***MSD***	***UNK***	***Known***	***Limits***	***MS%***	***MSD%***	***Units***	***RPD***	***Limit%***
Sulfate	1618481	34.1	33.8	25.3	10.0	80.0 - 120	88.0	85.0	mg/L	3.47	20.0

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100% Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank; CCV - Continuing Calibration Verification

AQUA-TECH LABORATORIES, INC.

ATL - Bryan Facility:
635 Phil Gramm Blvd.
Bryan, TX 77807
(979) 778-3707
Fax (979) 778-3193

ATL - Austin Facility:
7500 Hwy 71 W, Suite 105
Austin, TX 78735
(512) 301-9559
Fax (512) 301-9552

Chain-of-Custody & Analysis Request

SHIPPED TO:
Ana-Lab Corp, (NELAP Cert. T104704201)
2600 Dudley Road
Kilgore, TX 75662
Phone: (903) 984-0551
Fax: (903) 984-5914

C-O-C #

832 - A018821

T104704371

All analyses must be performed by a TNI approved method certified by the TCEQ. Contact ATL's sample custodian via voice and email if your methods do not meet this criteria.

Analysis Request for: **Sample ID: A018821-01** Sampled: 08/30/17 12:50 Matrix: Drinking Water **Laboratory ID >>** 161480

Chloride - EPA 300.0

Analysis Request for: **Sample ID: A018821-02** Sampled: 08/30/17 13:00 Matrix: Drinking Water **Laboratory ID >>** 481

Chloride - EPA 300.0

CONTAINERS SUPPLIED: (ATL indicates cooler number in parentheses for each container - only required if more than one cooler listed below.)

( ) A018821-01 [C] - CL 0.25LP

( ) A018821-02 [C] - CL 0.25LP

Relinquished by: (print & sign) [X] ATL-Austin [ ] ATL - Bryan [ ] Sampler — Kelly Kukowski — Date: 8/31/17 — Time: 1540

Carrier & Tracking Number: Lone Star — Cooler 1: AQU5 - ZV545099

Received by: (print & sign) [✓] Received in Lab — Christi Parker Ana-Lab — Date: 9/1/17 — Time: 0935

[✓] Iced [✓] Custody Sealed [ ] Not Chilled

Sample Info "X" all that apply: [✓] Received Iced [ ] CTU [✓] Condition Good [ ] Not Rec'd Iced

Line below documents condition at receipt in lab (shipped to) listed above.

Cooler Temperature (°C)	Temp. Read (TR)	Corrected Temp. (CT)	Thermometer ID
Cooler 1			
N/A	N/A	N/A	

Please email reports to: corp@aqua-techlabs.com

Please return cooler(s) to: Austin Facility

Abbreviations: DW - Drinking Water; NP - Non-Potable Water; S - Solid; CTU - Custody Transfer Unbroken; StP - Sterile Plastic; LP - Liter Plastic; LG - Liter Glass

Aqua-Tech Comments and Special Instructions

5 DAY TAT 2.0°C

005057 [ ] CF

006092 [✓] CF D.O

006093 [ ] CF

003688 [ ] CF

BRET

Airbill No. ZV545099

SHIP TO:
RECEIVING
ANA LAB CORP
2600 DUDLEY RD
KILGORE, TX 75662
9039840551

From:
KELLY KUKOWSKI
AQUA TECH LABS
7500 HWY 71 W
105
AUSTIN, TX 78735
5123019559

2.00

WGGG **LSO GROUND**
END OF BUSINESS DAY DELIVERY

PRINT DATE: 8/31/2017
QUICKCODE: WEIGHT: 25.00LBS
REF 1: 1D00V.0000

Fold on above line and place shipping label in pouch on package. Please be sure the barcodes and addresses can be read and scanned. Shipping Instructions

1. Fold this page along the horizontal line above.
2. Place this Airbill in the shipping label pouch on the package you are shipping. Please be sure the barcodes and addresses can be read and scanned.
3. To locate a drop box near you, click on **Find A Drop Box** from the home page main menu.
4. To schedule a pickup, click on **Request Pickup**.

WARNING: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your Lone Star Overnight account number.

This label is valid for use for 3 months from the date printed. Use of expired labels may result in delayed billing and / or additional research charges. LIMIT

OF LIABILITY: We are not responsible for claims in excess of $100 for any reason unless you: 1) declare a greater value (not to exceed $25,000); 2) pay an additional fee; 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Additional limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 8:30 AM DELIVERIES OR RESIDENTIAL DELIVERIES.

TCEQ

WATER QUALITY PARAMETER CHAIN OF CUSTODY FORM 20679

282274

Section I (PWS Information)

PWS Name: Travis County mud 17
PWS ID #: 2270388
PWS Contact Name: William Abshire
PWS Contact Number: 512-246-1400

PWS Type: ☑ Community ☐ NTNC
Population: ☑ <50,000 ☐ 50,001 to 100,000 ☐ >100,000

☑ Compliance ☐ Noncompliance ☐ Tap Copper Exceedance ☐ Tap Lead Exceedance

☑ Distribution System
☑ Entry Point

DS Samples Required: 1 # DS Samples Submitted: 1
EP Samples Required: 1 # EP Samples Submitted: 1

Inhibitor or stabilizer used: ☐ phosphate ☐ calcium carbonate ☐ silica

Section II (Completed by Laboratory)

Lab Name: Aqua Tech labs
Laboratory Address: 635 Phil Gramm Bryan, TX 77807
Laboratory Contact Name: M. Guzman
Lab Phone: 979-778-3707

Parameters Requested: *Analyses are required for the parameters checked. If inhibitors containing PO4 or silicate are used, then these parameters should also be tested depending on which is used.

Source ID (e.g. DS01; EP001)	Sample Location	Sample Collection Date (MMDDYY)	Sample Collection Time (HHMM)	pH (1925)	pH method	Temp (°C) (1996)	Temp Method	Lab Sample ID	Alkalinity (1927)	Calcium (1919)	Chloride (1017)	Conductivity (1064)	Hardness (1915)	Iron (1028)	Manganese (1032)	Sodium (1052)	Sulfate (1055)	TDS (1930)	O-phosphate (1044)	Silica (1049)
10/18480 EP001	Hwy 71 & Pedernales	083017	1250	7.60	SM4500H+B	25.9	SM2550B	A018821-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
481 DS01	208 Mia	083017	1300	7.82		27.5		A018821-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
					NFE	LRT			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*
									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*

I acknowledge that the information on this form is true and correct and sites selected for sampling following TCEQ instructions including but not limited to the measurement of pH and temperature according to approved methods immediately upon collection (within 15 minutes).

Name	Signature	Date
~~McCaslin~~	~~[signature]~~	~~8-30-17~~
Daniel Tatum	[signature]	8.30.17

Containers: ☑ 2 L plastic bottles (1 wrong vol) ☑ 1 L preserved upon receipt

Conditions Upon Receipt: ☑ Ice ☐ Ambient
Temp Upon Receipt: 4.6 C
Corrected Temp Upon Receipt: 4.6 C
Comments:

Relinquished By (Name, Signature)	Date	Time	Received By: (Name, Signature)	Date	Time
McCaslin [signature]	8-30-17	1332	Kristin Torres [signature]	8-30-17	1332

(For TCEQ use only) ☐ Disapproved ☐ Accepted Comments: