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808564 tceqdw Print Group 001 of 001



## WATER QUALITY PARAMETER CHAIN OF CUSTODY FORM 20679

14026068

Section I (PWS Information)										Section II (Completed by Laboratory)										
PWS Name: St. Paul Smiloh Timesville WSC					PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> NTNC					Lab Name: Aqua-Tech Laboratories, Inc.										
PWS ID #: TX1450010					Population: <input checked="" type="checkbox"/> <50,000 <input type="checkbox"/> 50,001 to 100,000 <input type="checkbox"/> >100,000					Laboratory Address: 635 Phil Gramm Blvd, Bryan TX 77807										
PWS Contact Name: Mack Botard										Laboratory Contact Name: Marianne Guzman										
PWS Contact Number: 903-545-2013										Lab Phone: 979 778 3707										
<input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Noncompliance					<input checked="" type="checkbox"/> Tap Copper Exceedance <input type="checkbox"/> Tap Lead Exceedance					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.										
<input checked="" type="checkbox"/> Distribution System					# DS Samples Required: 1 # DS Samples Submitted: 1															
<input checked="" type="checkbox"/> Entry Point					# EP Samples Required: 1 # EP Samples Submitted: 1															
Inhibitor or stabilizer used: <input type="checkbox"/> phosphate <input type="checkbox"/> calcium carbonate <input type="checkbox"/> silica																				
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 (1026)	Manganese (1032)	Sodium (1052)	Sulfate (1055)	TDS (1930)	O-phosphate (1044)	Silica (1049)
EP001	20255 FM 542	11/29/17	1105	7.33	4500H-B	18.7	2550	A026068-01 A B C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	20050 FM 542	11/29/17	1114	7.08	4500H-B	18.4	2550	A026068-02 A B C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I acknowledge that the information on this form is true and correct and was 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: Mack Botard										Signature: Mack Botard										
										Date: 11-29-17										
Requested By (Name, Signature): Nick Gans										Date: 11/29/17										
										Time: 1410										
										Received By: (Name, Signature) Colleen Wall Copeland										
										Date: 11/29/17										
										Time: 1410										
(For TCEQ use only) <input type="checkbox"/> Disapproved <input type="checkbox"/> Accepted Comments:										Containers: <input checked="" type="checkbox"/> 2 L plastic bottles <input checked="" type="checkbox"/> 1 L preserved upon receipt Conditions Upon Receipt: <input checked="" type="checkbox"/> Ice <input type="checkbox"/> Ambient Temp Upon Receipt: 1.9 Corrected Temp Upon Receipt: 1.9 Comments: 0720347										



# Report

## Report To

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

## Table of Contents

### Account

**AQU1-G**

### Project

**808564**

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

Report Name	Description	Pages
808564_00_00_tceqdw__1_of_1	Ana-Lab tceqdw AQU1 808564_1_of_1	1
808564_r03_03_ProjectResults	Ana-Lab Project P:808564 C:AQU1 Project Results	2
808564_r10_05_ProjectQC	Ana-Lab Project P:808564 C:AQU1 Project Quality Control Groups	1
808564_r99_09_CoC__1_of_1	Ana-Lab CoC AQU1 808564_1_of_1	4
<b>Total Pages:</b>		<b>8</b>



Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662



NELAP-accredited #T104704201



## Results

## Report To

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

Account  
**AQU1-G**

Project  
**808564**

## Results

**1642301** A026068-01

Received: 11/30/2017

Drinking Water

Collected by: Client Aqua-Tech Laboratori

Taken: 11/29/2017 11:05:00

EPA 300.0 2.1

Prepared: 753330 12/01/2017 07:24:00 Analyzed 753330 12/01/2017 07:24:00 AMB

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Chloride	11.1	mg/L	3.00			01
N Sulfate	14.1	mg/L	3.00	D		01

**1642302** A026068-02

Received: 11/30/2017

Drinking Water

Collected by: Client Aqua-Tech Laboratori

Taken: 11/29/2017 11:14:00

EPA 300.0 2.1

Prepared: 753330 12/01/2017 07:48:00 Analyzed 753330 12/01/2017 07:48:00 AMB

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Chloride	10.3	mg/L	3.00			01
N Sulfate	13.5	mg/L	3.00			01

## Sample Preparation

**1642301** A026068-01

Received: 11/30/2017

Prepared: 12/07/2017 00:00:00 Analyzed 12/07/2017 00:00:00 TWV

z TCEQ WQP Form

See attached

Cooler Return

Prepared: 12/01/2017 17:00:00 Analyzed 12/01/2017 17:00:00 MG3

z Return Cooler/No bottles Require

Returned





## Results

### Qualifiers:

D - Duplicate RPD was higher than expected

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 Commission 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.

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of Ana-Lab Corp. Unless otherwise specified, these test results meet the requirements of NELAC.

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





## Quality Control

Printed 12/18/2017

Page 1 of 1

## Report To

TX1450010

Account  
AQU1-GProject  
808564

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

Analytical Set 753330

EPA 300.0 2.1

## Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Chloride	753330	ND	0.0196	0.100	mg/L	118223900
Sulfate	753330	0.104	0.0109	0.300	mg/L	118223900

## CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Chloride	9.49	10.0	mg/L	94.9	90.0 - 110	118223897
	9.52	10.0	mg/L	95.2	90.0 - 110	118223910
Sulfate	9.81	10.0	mg/L	98.1	90.0 - 110	118223897
	9.80	10.0	mg/L	98.0	90.0 - 110	118223910

## LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Chloride	753330	4.94	4.95	5.00	85.0 - 110	98.8	99.0	mg/L	0.202	20.0
Sulfate	753330	5.10	5.16	5.00	88.0 - 110	102	103	mg/L	1.17	20.0

## MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Chloride	1642301	20.0	21.5	11.1	10.0	80.0 - 120	89.0	104	mg/L	15.5	20.0
Sulfate	1642301	23.4	25.9	14.1	10.0	80.0 - 120	93.0	118	mg/L	23.7 *	20.0

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

Blank - Method Blank; CCV - Continuing Calibration Verification



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808564 CoC Print Group 001 of 001



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

ATL - Austin Facility:  
7500 Hwy 71 W, Suite 105  
Austin, TX 78735  
(512) 391-8559  
Fax (512) 391-9552

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

C-O-C #  
843 - A026068

T104704371

## Chain-of-Custody &amp; Analysis Request

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.

Page 1 of 2

Analysis Request for

Sample ID: A026068-01

Sampled: 11/29/17 11:06

Matrix: Drinking Water

Laboratory ID: 843

Chloride - EPA 300.0

SO4 DW - EPA 300.0

Analysis Request for

Sample ID: A026068-02

Sampled: 11/29/17 11:14

Matrix: Drinking Water

Laboratory ID: 843

Chloride - EPA 300.0

SO4 DW - EPA 300.0

## CONTAINERS SUPPLIED:

( ) A026068-01 [D] - CI SO4 0.5LP

[Split from bottle BJ]

( ) A026068-02 [D] - CI SO4 0.5LP

[Split from bottle BJ]

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

See next page(s) for list of analytes requested.

Relinquished By (print & sign)		<input type="checkbox"/> ATL-Austin	<input checked="" type="checkbox"/> ATL-Bryan	<input type="checkbox"/> Sampler	Date	Time	Condition	Abbreviations:
Collin O'Neill					11/29/17	15:25	<input checked="" type="checkbox"/> Cool Only Sealed <input type="checkbox"/> Not Chilled	DW - Drinking Water NP - Non-Portable Water S - Solid CTU - Cavity Transfer Unbroken SP - Sterile Plastic LP - Litter Plastic LG - Litter Glass
Carrier & Tracking Number:		Cooler 1: AQU1 - ZV927630						
Received by (print & sign)		<input checked="" type="checkbox"/> Received in Lab			Date	Time	Condition	5 DAY TAT
Kathy Tarver Ana-Lab					11/30/17	0900	<input checked="" type="checkbox"/> Condition Good <input type="checkbox"/> Not Rec'd back	1.5°C
Cooler Temperature (°C)	Temp. Read (°F)	Corrected Temp. (°C)	Thermometer ID	Please email reports to: reporting@aquatechlabs.com				
Cooler 1				Please return cooler(s) to: Bryan Facility				
N/A								

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808564 CoC Print Group 001 of 001

# 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) 301-9538  
Fax (512) 301-9552

### Chain-of-Custody & Analysis Request

C:\Program Files  
(x86)\Promium\Element\Printsco\_ATL 081017.rpt

C-O-C #

843 - A026068

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 Requested for Multiple Component Tests

Chloride EPA 300.0

Chloride

SO4 DW EPA 300.0

Sulfate as SO4

Chloride EPA 300.0

Chloride

SO4 DW EPA 300.0

Sulfate as SO4



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808564 CoC Print Group 001 of 001

Airbill No. ZV927530

**SHIP TO:**  
**RECEIVING**  
**ANALAB**  
**2600 DUDLEY RD**  
**KILGORE, TX 75662**  
**9039840551**

From:  
 COLLIN ONEILL  
 AQUA-TECH LABORATORIES  
 635 PHIL GRAMM  
 BRYAN, TX 77807  
 9797783707

**W****GGG**

**LSO GROUND**  
 END OF BUSINESS DAY DELIVERY

PRINT DATE: 10/27/2017

QUICKCODE:

WEIGHT: 10.00LBS

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.**



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808564 CoC Print Group 001 of 001



## WATER QUALITY PARAMETER CHAIN OF CUSTODY FORM 20679

A024068

Section I (PWS Information)										Section II (Completed by Laboratory)										
PWS Name: St. Paul Shiloh Timesville WSC					PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> NTNC					Lab Name: Aqua-Tech Laboratories, Inc.										
PWS ID #: TX1450010					Population: <input checked="" type="checkbox"/> <50,000 <input type="checkbox"/> 50,001 to 100,000					Laboratory Address: 635 Phil Gramm Blvd. Bryan TX 77807										
PWS Contact Name: Mack Botard					PWS Contact Number: 903-545-2013					Laboratory Contact Name: Marianne Guzman										
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<input checked="" type="checkbox"/> Distribution System					# DS Samples Required: 1 # DS Samples Submitted: 1															
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Inhibitor or stabilizer used: <input type="checkbox"/> phosphate <input type="checkbox"/> calcium carbonate <input type="checkbox"/> silica										Lab Phone: 979 778 3707										
Source ID (e.g. DS01, EP001)	Sample Location	Sample Collection Date (MM/DD/YY)	Sample Collection Time (HH:MM)	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	2025 FM 542	11/29/17	1105	7.33	4500H-B	18.7	2550	A026068-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	20050 FM 542	11/29/17	1114	7.28	4500H-B	18.4	2550	A026068-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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: Mack Botard										Signature: Mack Botard										
Date: 11-29-17										Date: 11-29-17										
Relinquished By (Name, Signature): Nick Gomez										Received By (Name, Signature): Cellina Well										
Date: 11/29/17										Date: 11/29/17										
Time: 1410										Time: 1410										
(For TCEQ use only) <input type="checkbox"/> Disapproved <input type="checkbox"/> Accepted										Comments: 0720347										