

1 of 2

832068 tceqdw Print Group 001 of 001

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER QUALITY PARAMETER MONITORING FORM 20679																																	
Completed by PWS (or Agent)																																	
PWS Name:		Laboratory Name:																															
PWS ID#:	TX	TCEQ Lab ID #:																															
PWS Address:			Laboratory Address:	Ana-Lab Corporation 2600 Dudley Rd Kilgore TX 75662 TCEQ Lab ID# TX219																													
PWS Contact:			Laboratory Contact:	Tracey Varvel 903-984-0551																													
PWS Contact Phone #:			Laboratory Contact Phone #:																														
Inhibitor or Stabilizer Used (Y/N)	Alkalinity Dosage Rate:	Silica	Calcium carbonate																														
TREATMENT																																	
Sample Information																																	
Sample Type (Y/N)	Compliance	Non-compliance	3rd Party Contractor --> LAB ID	AL																													
Sample Collector (Y/N)	Public Water System	Accredited Lab	When temperature and pH measured in the field within 15 minutes of sample collection?																														
Temperature and pH (Y or N)	Y	Y	Y																														
Sample Point ID (e.g., DS01, PBCU001, EWQP)	Sample Location	Date (MM/DD/YY)	Time - 24 hr (HH:MM)	pH	Temp (°C)	Replacement?	Original Sample ID #	Original Sample Date (MM/DD/YY)	Lab Sample ID																								
PBCU001EWQP	HWY 71 PEDERNALES SUMMIT PARKWAY	061118	1115	7.57	22.0				1691774																								
DS01	DSTWQP 208 MIA	061118	1125	7.59	25.6				775																								
-	-	-	-	-	-	-	-	-																									
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I acknowledge that information on this form is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for "Water Quality Parameters." This includes, but not limited to the measurement of pH and temperature, immediately upon collection. Fabrication of this form or tampering with water samples is a crime punishable under state and/or federal law, (Texas Penal Code, Title 8, Chapter 37.10).																																	
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LSO	6/14/18	LSO	ANTHONY JAMES ANA-LAB	6/14/18																													
TCEQ 20679 (Rev. 12/2017)																																	
Parameters Requested: Analyses are required for the parameters indicated. A maximum of 10 parameters may be analyzed depending on which is in use.																																	
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4-12-18A	66/60.6	6602																															
Laboratory Comments:																																	

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[illegible]



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

LELAP-accredited #02008

Report

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Printed 06/22/2018

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

Account

AQU5-C

Project

832068

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

<u>Report Name</u>	<u>Description</u>	<u>Pages</u>
832068_00_00_tceqdw__1_of_1	Ana-Lab tceqdw AQU5 832068_1_of_1	2
832068_r03_03_ProjectResults	Ana-Lab Project P:832068 C:AQU5 Project Results t:304	2
832068_r10_05_ProjectQC	Ana-Lab Project P:832068 C:AQU5 Project Quality Control Groups	1
832068_r99_09_CoC__1_of_1	Ana-Lab CoC AQU5 832068_1_of_1	4
Total Pages:		9



Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662



NELAP-accredited #T104704201



Results

Report Date: 06/14/2018

Printed: 06/22/2018

Page 1 of 2

Report To

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

Account
AQU5-C

Project
832068

Results

1691774 B013726-01

Received: 06/12/2018

Drinking Water

Collected by: Client Aqua-Tech Laboratori

PO:

Taken: 06/11/2018 11:15:00

EPA 300.0 2.1

Prepared: 783371 06/12/2018 17:22:00 Analyzed 783371 06/12/2018 17:22:00 AMB

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Chloride	37.0	mg/L	3.00			01
N Sulfate	26.1	mg/L	3.00			01

1691775 B013726-02

Received: 06/12/2018

Drinking Water

Collected by: Client Aqua-Tech Laboratori

PO:

Taken: 06/11/2018 11:25:00

EPA 300.0 2.1

Prepared: 783371 06/12/2018 17:43:00 Analyzed 783371 06/12/2018 17:43:00 AMB

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Chloride	36.8	mg/L	3.00			01
N Sulfate	25.7	mg/L	3.00			01

Sample Preparation

1691774 B013726-01

Received: 06/12/2018

Prepared: 06/14/2018 00:00:00 Analyzed 06/14/2018 00:00:00 TWV

z TCEQ WQP Form

See attached





Results

Qualifiers:

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 T104704201-18, 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. 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 06/22/2018

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Report To

TX2270388

Account

AQU5-C

Project

832068

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

Analytical Set 783371

EPA 300.0 2.1

AWRL/MRL C

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Chloride	0.509	0.500	mg/L	102	50.0 - 150	118801495
Sulfate	0.448	0.500	mg/L	89.6	50.0 - 150	118801495

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MDL</u>	<u>Units</u>	<u>File</u>
Chloride	783371	ND	0.0053	0.300	mg/L	118801496
Sulfate	783371	0.053	0.00775	0.300	mg/L	118801496

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Chloride	10.2	10.0	mg/L	102	90.0 - 110	118801492
	10.2	10.0	mg/L	102	90.0 - 110	118801510
Sulfate	9.89	10.0	mg/L	98.9	90.0 - 110	118801492
	9.94	10.0	mg/L	99.4	90.0 - 110	118801510

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	783371	4.92	4.90	5.00	85.0 - 110	98.4	98.0	mg/L	0.407	20.0
Sulfate	783371	5.10	5.12	5.00	88.0 - 110	102	102	mg/L	0.391	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	1691501	65.8	65.6	57.9	10.0	80.0 - 120	79.0 *	77.0 *	mg/L	2.56	20.0
Sulfate	1691501	19.6	19.8	10.7	10.0	80.0 - 120	89.0	91.0	mg/L	2.22	20.0
Chloride	1691502	87.0	87.9	83.0	10.0	80.0 - 120	40.0 *	49.0 *	mg/L	20.2 *	20.0
Sulfate	1691502	19.9	20.0	11.0	10.0	80.0 - 120	89.0	90.0	mg/L	1.12	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; AWRL/MRL C - Ambient Water Reporting Limit/Minimum Reporting Limit Check Std



1 of 4

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER QUALITY PARAMETER MONITORING FORM 20679									
Completed by PWS (or Agent)									
PWS Name:		Laboratory Name:							
PWS ID#:	TX	TCEQ Lab ID #:							
PWS Address:			Laboratory Address:	Ana-Lab Corporation 2600 Dudley Rd Kilgore TX 75662 TCEQ Lab ID#: TX219					
PWS Contact:			Laboratory Contact:	Tracey Varvel 903-984-0551					
PWS Contact Phone #:			Laboratory Contact Phone #:						
Inhibitor or Stabilizer Used (Y/N):	Phosphate	Silica	Calcium carbonate						
TREATMENT	Alkalinity Dosage Rate:	Inhibitor Dosage Rate:							
Sample Information									
Sample Type (Y/N):	Compliance	Non-compliance	3rd Party Contractor --> LAB	AL					
Sample Collector (Y/N):	Public Water System	Accredited Lab	When temperature and pH measured in the field within 15 minutes of sample collection?						
Temperature and pH (Y or N):	Y	Y	Y						
Sample Point ID (e.g., DS01, DSTWQP, PBCU001, EWQP)	Sample Location	Date (MM/DD/YY)	Time - 24 hr (HH:MM)	pH	Temp (°C)	Replacement?	Original Sample ID #	Original Sample Date (MM/DD/YY)	
PBCU001EWQP	Hwy 71 PEDERNALES SUMMIT PARKWAY	061118	1115	7.57	22.0				
DS01	DSTWQP 208 MIA	061118	1125	7.59	25.6				
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
I acknowledge that information on this form is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for "Water Quality Parameters." This includes, but not limited to the measurement of pH and temperature, immediately upon collection. Fabrication of this form or tampering with water samples is a crime punishable under state and/or federal law, (Texas Penal Code, Title 8, Chapter 37.10).									
Name of Authorized PWS Representative (Print)	Signature	Organization	Date						
Refer to original WQPMF									
Chain of Custody	Relinquished By (Signature)	Date	Relinquished By (Signature)	Date					
Received By (Signature)	6/11/18	LSO	ANTHONY JAMES ANA-LAB	6/14/18					
Received By (Signature)	6/14/18	LSO	ANTHONY JAMES ANA-LAB	6/14/18					
Sample Conditions Upon Receipt (Y/N) Samples received unspiked? ☒ ☐ ☐ Rejection Code (if applicable): ☐ ☐ ☐ Date & Time of Sample Preservation (Acidified): 6-12-18 ☒ ☐ ☐ Actual/Corrected sample temperature: 66/66 Thermometer ID #: 6602 Laboratory Comments: 4/1/18 4200									
Parameters Requested: Analyses are required for the parameters indicated. A maximum concentration threshold or silica used then these parameters should also be analyzed depending on which is in use. Lab Sample ID: 1691774 775 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) * ☒									

TCEQ 20679 (Rev. 12/2017)

[illegible]

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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

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 #
130 - B013726



T104704371
Page 1 of 1

Chain-of-Custody & 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.

Analysis Request for	Sample ID: B013726-01	Sampled: 06/11/18 11:15	Matrix: Drinking Water	Laboratory ID >>
Chloride - EPA 300.0	SO4 DW - EPA 300.0	1691774		
Analysis Request for	Sample ID: B013726-02	Sampled: 06/11/18 11:25	Matrix: Drinking Water	Laboratory ID >>
Chloride - EPA 300.0	SO4 DW - EPA 300.0	775		

CONTAINERS SUPPLIED:

() B013726-01 [D] - CI SO4 0.5LP
() B013726-02 [D] - CI SO4 0.5LP

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

Relinquished by: (print & sign) ☒ ATL-Austin ☐ ATL-Bryan ☐ Sampler		Date	Time	☒ Iced ☐ Custody Sealed ☐ Not Chilled	Abbreviations: DW - Drinking Water NP - Non-Portable Water S - Solid CTU - Custody Transfer Unbroken LP - Litter Plastic LG - Litter Glass
Kelly Kukowski Lone Star Carrier & Tracking Number:		6/11/18	1600		
Received by: (print & sign) Antonio James Ana-lab Received in Lab		6/12/18	1535	☒ Sample Info X - all the apply ☒ Received Iced ☐ CTU ☐ Condition Good ☐ Not Rec'd Iced	Aqua-Tech Comments and Special Instructions 5 DAY TAT See Attached for Tracking # and Temp BRET
Line below documents condition at receipt in lab (shipped to) listed above. Cooler 1: aqu5 Cooler Temperature (C) Temp Read (TR) Corrected Temp (CT) Thermometer ID Cooler 1 0.0 0.0 N/A N/A		Please email reports to: corp@aquatechlabs.com Please return cooler(s) to: Austin Facility			

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832068 CoC Print Group 001 of 001

6/11/2018

https://www.iso.com/webdiapers/?labelsize=U&combinedlabel=1&sessionkey=%7B0F0A8DA1-52B1-48EB-BDEB-B5C1F4DFA86D%7D



Airbill No. ZX581338

LSO
1-800-800-8984
www.iso.com

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

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

6205
6092
6093

W GGG

LSO GROUND
END OF BUSINESS DAY DELIVERY

PRINT DATE: 6/11/2018
QUICKCODE:
REF 1: 1D00V.0000 REF 2:

Handwritten signature

Handwritten: 0.76

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

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4. To schedule a pickup, click on **Request Pickup**.

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