



P.O. Box 631375 Nacogdoches Tx 75963

Website: eastexlabs.com

Email: eelnac@sbcglobal.net

Tel: 936 569 8879

21 May 2018

Nancy Fountain
Simply Aquatics, Inc.
PO Box 849
Kirbyville, TX 75956

RE: Clayton WSC -WQP

Enclosed are the results of analyses for samples received by the laboratory on 05/04/18 14:00, with Lab ID Number N8E0443. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul D. Hughes
Laboratory Director



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Tel: 936 569 8879



Simply Aquatics, Inc.
PO Box 849
Kirbyville TX, 75956

TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

Project: Clayton WSC -WQP
Laboratory Sample ID: N8E0443-01
Sampling Point: EWQP
Sample Location: CR 152/Fire Dept
State Assigned ID: PBCU001

Sample Received Date and Time: 05/04/2018 14:00

Sample Date and Time: 05/04/2018 10:45

Sample Matrix: Drinking

Sample Type: Grab

Collector: Caleb Ross

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory									
Alkalinity	592	20	mg CaCO ₃ /L	P	N802948	05/14/2018	RAA	SM 2320 B	40
Conductivity	1771	10	µmhos/cm @25C	A	N802828	05/10/2018	RAA	SM 2510 B	
Hardness	<5.00	5.00	mg CaCO ₃ /L	A	N802885	05/14/2018	TJL	SM 2340 C	
pH	8.66		std unit	P	N802781	05/04/2018	Clie	SM 4500 H + B	
TDS	1040	10.0	mg/L	A	N802799	05/04/2018	JWH	SM 2540 C	
Temp	24.3		degrees C	P	N802781	05/04/2018	Clie	SM 2550	
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	1.71	0.100	mg/L	P	B8E1936	05/17/2018	MLJ	EPA 200.7	
Chloride	294	5.0	mg/L	A	B8E1213	05/09/2018	LAN	EPA 300.0	Cs
Iron, Total	<0.100	0.100	mg/L	A	B8E1934	05/16/2018	MLJ	EPA 200.7	12
Manganese, Total	<0.00100	0.00100	mg/L	A	B8E1934	05/16/2018	MLJ	EPA 200.7	
Sodium, Total	255	0.500	mg/L	A	B8E1936	05/17/2018	MLJ	EPA 200.7	
Sulfate	<5.0	5.0	mg/L	A	B8E1213	05/09/2018	LAN	EPA 300.0	Cs

*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

Project: Clayton WSC -WQP
Laboratory Sample ID: N8E0443-02
Sampling Point: DSTWQP
Sample Location: 325 CR 113
State Assigned ID: DS01

Sample Received Date and Time: 05/04/2018 14:00

Sample Date and Time: 05/04/2018 11:00

Sample Matrix: Drinking

Sample Type: Grab

Collector: Caleb Ross

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory									
Alkalinity	591	20	mg CaCO ₃ /L	P	N802948	05/14/2018	RAA	SM 2320 B	40
Conductivity	1807	10	µmhos/cm @25C	A	N802828	05/10/2018	RAA	SM 2510 B	
Hardness	8.00	5.00	mg CaCO ₃ /L	A	N802885	05/14/2018	TJL	SM 2340 C	
pH	8.62		std unit	P	N802781	05/04/2018	Clie	SM 4500 H + B	
TDS	1030	10.0	mg/L	A	N802799	05/04/2018	JWH	SM 2540 C	
Temp	20.9		degrees C	P	N802781	05/04/2018	Clie	SM 2550	
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	1.74	0.100	mg/L	P	B8E1936	05/17/2018	MLJ	EPA 200.7	
Chloride	295	5.0	mg/L	A	B8E1213	05/09/2018	LAN	EPA 300.0	Cs
Iron, Total	<0.100	0.100	mg/L	A	B8E1934	05/16/2018	MLJ	EPA 200.7	12
Manganese, Total	<0.00100	0.00100	mg/L	A	B8E1934	05/16/2018	MLJ	EPA 200.7	
Sodium, Total	254	0.500	mg/L	A	B8E1936	05/17/2018	MLJ	EPA 200.7	
Sulfate	5.5	5.0	mg/L	A	B8E1213	05/09/2018	LAN	EPA 300.0	Cs

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

Project: Clayton WSC -WQP
Laboratory Sample ID: N8E0443-03
Sampling Point: DSTWQP
Sample Location: 135 CR 109
State Assigned ID: DS01

Sample Received Date and Time: 05/04/2018 14:00

Sample Date and Time: 05/04/2018 11:30

Sample Matrix: Drinking

Sample Type: Grab

Collector: Caleb Ross

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory									
Alkalinity	599	20	mg CaCO ₃ /L	P	N802948	05/14/2018	RAA	SM 2320 B	40
Conductivity	1817	10	µmbos/cm @25C	A	N802828	05/10/2018	RAA	SM 2510 B	
Hardness	6.00	5.00	mg CaCO ₃ /L	A	N802885	05/14/2018	TJL	SM 2340 C	
pH	8.57		std unit	P	N802781	05/04/2018	Clie	SM 4500 H + B	
TDS	1050	10.0	mg/L	A	N802799	05/04/2018	JWH	SM 2540 C	
Temp	21.3		degrees C	P	N802781	05/04/2018	Clie	SM 2550	
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	1.69	0.100	mg/L	P	B8E1936	05/17/2018	MLJ	EPA 200.7	
Chloride	308	5.0	mg/L	A	B8E1213	05/09/2018	LAN	EPA 300.0	Cs
Iron, Total	<0.100	0.100	mg/L	A	B8E1934	05/16/2018	MLJ	EPA 200.7	12
Manganese, Total	0.00402	0.00100	mg/L	A	B8E1934	05/16/2018	MLJ	EPA 200.7	
Sodium, Total	264	0.500	mg/L	A	B8E1936	05/17/2018	MLJ	EPA 200.7	
Sulfate	5.9	5.0	mg/L	A	B8E1213	05/09/2018	LAN	EPA 300.0	Cs

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

SM 2540 C - Quality Control

Eastex Environmental Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch N802799 - No Prep										
Blank (N802799-BLK1)					Prepared & Analyzed: 05/04/18					
TDS	ND	10.0	mg/L							
LCS (N802799-BS1)					Prepared & Analyzed: 05/04/18					
TDS	288		mg/L	300		96.0	80-120			
Duplicate (N802799-DUP1)					Source: N8E0443-01		Prepared & Analyzed: 05/04/18			
TDS	1040	10.0	mg/L		1040			0.192	10	
Batch N802828 - No Prep										
Blank (N802828-BLK1)					Prepared & Analyzed: 05/10/18					
Conductivity	ND	10	µmhos/cm @25C							
LCS (N802828-BS1)					Prepared & Analyzed: 05/10/18					
Conductivity	1420		µmhos/cm @25C	1410		101	80-120			
Duplicate (N802828-DUP1)					Source: N8E0443-01		Prepared & Analyzed: 05/10/18			
Conductivity	1744	10	µmhos/cm @25C		1771			1.54	20	
Batch N802885 - No Prep										
Blank (N802885-BLK1)					Prepared & Analyzed: 05/14/18					
Hardness	ND	5.00	mg CaCO3/L							
LCS (N802885-BS1)					Prepared & Analyzed: 05/14/18					
Hardness	102		mg CaCO3/L	100		102	80-120			

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

SM 2340 C - Quality Control
Eastex Environmental Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch N802885 - No Prep										
Matrix Spike (N802885-MS1)		Source: N8D0982-01		Prepared & Analyzed: 05/14/18						
Hardness	100		mg CaCO3/L	100	0.200	99.8	80-120			
Matrix Spike Dup (N802885-MSD1)		Source: N8D0982-01		Prepared & Analyzed: 05/14/18						
Hardness	100		mg CaCO3/L	100	0.200	99.8	80-120	0.00	20	
Batch N802948 - No Prep										
Blank (N802948-BLK1)		Prepared & Analyzed: 05/14/18								
Alkalinity	ND		20 mg CaCO3/L							40
LCS (N802948-BS1)		Prepared & Analyzed: 05/14/18								
Alkalinity	97		mg CaCO3/L	100		97.0	80-120			40
Duplicate (N802948-DUP1)		Source: N8E0129-01		Prepared & Analyzed: 05/14/18						
Alkalinity	19		20 mg CaCO3/L		19			0.00	20	40

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

EPA 300.0 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1213 - No Prep										
Blank (B8E1213-BLK1)				Prepared & Analyzed: 05/09/18						
Chloride	ND	5.0	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (B8E1213-BS1)				Prepared & Analyzed: 05/09/18						
Chloride	132		mg/L	125		105	80-120			
Sulfate	98.6		mg/L	100		98.6	80-120			
Matrix Spike (B8E1213-MS1)				Source: N8E0443-01		Prepared & Analyzed: 05/09/18				
Chloride	444	5.0	mg/L	125	294	120	80-120			
Sulfate	103	5.0	mg/L	100	ND	103	80-120			
Matrix Spike Dup (B8E1213-MSD1)				Source: N8E0443-01		Prepared & Analyzed: 05/09/18				
Chloride	443	5.0	mg/L	125	294	119	80-120	0.373	20	
Sulfate	103	5.0	mg/L	100	ND	103	80-120	0.127	20	
Batch B8E1934 - EPA 200.7										
Blank (B8E1934-BLK1)				Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	ND	0.100	mg/L							
Manganese, Total	ND	0.00100	mg/L							
Blank (B8E1934-BLK2)				Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	ND	0.100	mg/L							
Manganese, Total	ND	0.00100	mg/L							
LCS (B8E1934-BS1)				Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	0.295	0.100	mg/L	0.250		118	85-115			13
Manganese, Total	0.246	0.00100	mg/L	0.250		98.4	85-115			

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

EPA 200.7 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1934 - EPA 200.7										
LCS (B8E1934-BS2)				Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	0.292	0.100	mg/L	0.250		117	85-115			13
Manganese, Total	0.244	0.00100	mg/L	0.250		97.5	85-115			
Matrix Spike (B8E1934-MS1)				Source: C8E1907-01 Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	0.604	0.100	mg/L	0.250	0.280	130	70-130			
Manganese, Total	0.275	0.00100	mg/L	0.250	0.0340	96.6	70-130			
Matrix Spike (B8E1934-MS2)				Source: N8E0443-01 Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	0.290	0.100	mg/L	0.250	0.0214	107	70-130			
Manganese, Total	0.239	0.00100	mg/L	0.250	ND	95.7	70-130			
Matrix Spike Dup (B8E1934-MSD1)				Source: C8E1907-01 Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	0.824	0.100	mg/L	0.250	0.280	218	70-130	30.8	20	
Manganese, Total	0.272	0.00100	mg/L	0.250	0.0340	95.1	70-130	1.37	20	
Matrix Spike Dup (B8E1934-MSD2)				Source: N8E0443-01 Prepared: 05/15/18 Analyzed: 05/16/18						
Iron, Total	0.290	0.100	mg/L	0.250	0.0214	107	70-130	0.0463	20	
Manganese, Total	0.242	0.00100	mg/L	0.250	ND	96.7	70-130	1.07	20	
Batch B8E1936 - EPA 200.7										
Blank (B8E1936-BLK1)				Prepared: 05/15/18 Analyzed: 05/17/18						
Calcium, Total	ND	0.100	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B8E1936-BLK2)				Prepared: 05/15/18 Analyzed: 05/17/18						
Calcium, Total	ND	0.100	mg/L							
Sodium, Total	ND	0.500	mg/L							

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

EPA 200.7 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1936 - EPA 200.7										
LCS (B8E1936-BS1)				Prepared: 05/15/18 Analyzed: 05/17/18						
Calcium, Total	23.6	0.100	mg/L	25.0		94.5	85-115			
Sodium, Total	24.4	0.500	mg/L	25.0		97.7	85-115			
LCS (B8E1936-BS2)				Prepared: 05/15/18 Analyzed: 05/17/18						
Calcium, Total	24.6	0.100	mg/L	25.0		98.5	85-115			
Sodium, Total	25.4	0.500	mg/L	25.0		101	85-115			
Matrix Spike (B8E1936-MS1)				Source: C8E1907-01		Prepared: 05/15/18 Analyzed: 05/17/18				
Calcium, Total	78.7	0.100	mg/L	25.0	54.0	99.0	70-130			
Sodium, Total	63.7	0.500	mg/L	25.0	39.6	96.7	70-130			
Matrix Spike (B8E1936-MS2)				Source: N8E0443-01		Prepared: 05/15/18 Analyzed: 05/17/18				
Calcium, Total	25.4	0.100	mg/L	25.0	1.71	94.7	70-130			
Sodium, Total	281	0.500	mg/L	25.0	255	102	70-130			
Matrix Spike Dup (B8E1936-MSD1)				Source: C8E1907-01		Prepared: 05/15/18 Analyzed: 05/17/18				
Calcium, Total	78.0	0.100	mg/L	25.0	54.0	96.2	70-130	0.900	20	
Sodium, Total	62.8	0.500	mg/L	25.0	39.6	92.8	70-130	1.53	20	
Matrix Spike Dup (B8E1936-MSD2)				Source: N8E0443-01		Prepared: 05/15/18 Analyzed: 05/17/18				
Calcium, Total	26.2	0.100	mg/L	25.0	1.71	97.9	70-130	3.18	20	
Sodium, Total	268	0.500	mg/L	25.0	255	52.4	70-130	4.55	20	

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TCEQ Report ID: PWS_TX1830030_AC_20180504_WQP Analysis Report

Notes and Definitions

Cs	Analyses performed at Coldspring Laboratory.
40	Alkalinity titrated to pH 4.5 endpoint.
13	LCS associated with sample batch outside of acceptance limits.
12	CCV associated with sample batch did not meet acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<i>*All Metals Analyses performed at Coldspring Laboratory, unless otherwise indicated.</i>	

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WHEN YOUR
COMPLETED BY PWS (or Agent)

WATER QUALITY PARAMETER MONITORING FORM 20679
(WS (or Agent))

Completed by Laboratory

Completed by PWS (or Agent)					Completed by Laboratory	
PWS Name:	Clayton 3 + 7				Laboratory Name:	Eastex Environmental Lab
PWS ID#:	TX	1830030			TCEQ Lab ID #:	TX 962
PWS Address:	PO Box 3 Clayton, TX 75637				Laboratory Address:	PO Box 631375
PWS Contact:	Mark Robertson					Nacogdoches TX 75963
PWS Contact Phone #:	409 420 0774				Laboratory Contact:	Paul Hughes
Inhibitor or Stabilizer Used (Y):	Phosphate		Silica	Calcium carbonate		
TREATMENT	Alkalinity Dosage Rate:		Inhibitor Dosage Rate:		Laboratory Contact Phone #:	936-569-8879

Sample Information		
Sample Type (Y)	☒ Compliance	☐ Non-compliance
Temperature and pH (Y or N):	☒ Ave temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TOECF	
Y	☐ Were temperature and pH measured in the field within 15 minutes of sample collection?	

Parameters Requested: Analyses are required for the parameters checked. * If inhibitors containing phosphate or silica are used, then these parameters should also be analyzed depending on which is in use.

[illegible]

I acknowledge that information on this form is true and correct, and sites selected for sampling follow the instructions in the TDEC Monitoring and Sample Collection Guidance for Water Quality Parameters. This includes, but not limited to the measurement of pH and temperature immediately upon collection. Falsification 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	Rejection Code (if applicable)	Date & Time of Sample Preservation (Acclimat):	Actual/Corrected sample temperature:
Caleb Ross	<i>Caleb Ross</i>	Simply Aquatics Inc.	5-4-18		5/4/18 1435	23.5/23.5
Chain of Custody						Thermometer ID #: 017
Relinquished By (Signature)		Initialed/Time:	Relinquished By (Signature):			

				Laboratory Comments:
Received By Courier (Signature)	Date/Time:	Received By Lab (Signature)	Date/Time:	
<i>[Signature]</i>	5-4-18 PM	<i>[Signature]</i>	5/4/18 1400	
Received By Courier (Signature)	Date/Time:	Received By Lab (Signature)	Date/Time:	