



P.O. Box 631375 Nacogdoches Tx 75963

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07 March 2023

Bobby Stanaland
Appleby Water Supply
202 Deen St
Nacogdoches, TX 75965

RE: Appleby WSC WQP

Enclosed are the results of analyses for samples received by the laboratory on 02/21/23 11:40, with Lab ID Number N3B0964. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul D. Hughes
Laboratory Director



P.O. Box 631375 Nacogdoches Tx 75963
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Tel: 936 569 8879



Appleby Water Supply
202 Deen St
Nacogdoches TX, 75965

TCEQ Report ID: **PWS_TX1740005_AC_20230221_WQP Analysis Report**

Project: Appleby WSC WQP
Laboratory Sample ID: **N3B0964-01**
Sampling Point: EWQP
Sample Location: Plant 3
State Assigned ID: PBCU003

Sample Received Date and Time: 02/21/2023 11:40
Sample Date and Time: 02/21/2023 09:10
Sample Matrix: Drinking
Sample Type: Grab
Collector: Paul Hughes

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	7.01	0.500	mg/L	P	B3B3843	02/28/2023	KJH	EPA 200.7	
Chloride	16.7	5.0	mg/L	A	B3B3912	02/28/2023	TDS	EPA 300.0	Cs
Iron, Total	<0.150	0.150	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Manganese, Total	<0.0100	0.0100	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sodium, Total	122	0.500	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sulfate	22.5	4.0	mg/L	A	B3B3912	02/28/2023	TDS	EPA 300.0	Cs
Eastex Environmental Laboratory - Nacogdoches									
pH	8.1		std unit	P	N301314	02/21/2023	PDH	SM 4500 H + B	
Temp	24		degrees C	P	N301314	02/21/2023	PDH	SM 2550	
Alkalinity	256	20	mg CaCO ₃ /L	P	N301547	03/02/2023	SRD	SM 2320 B	
Conductivity	614	10	µmhos/cm @25C	A	N301551	03/02/2023	SRD	SM 2510 B	
Hardness	34.0	5.00	mg CaCO ₃ /L	A	N301458	02/24/2023	CGK	SM 2340 C	
TDS	367	10.0	mg/L	A	N301316	02/21/2023	CGK	SM 2540 C	

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Eastex Environmental Laboratory - Nacogdoches

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Appleby Water Supply
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Nacogdoches TX, 75965

Project: Appleby WSC WQP
Laboratory Sample ID: N3B0964-02
Sampling Point: EWQP
Sample Location: Plant 5
State Assigned ID: PBCU005

TCEQ Report ID: PWS_TX1740005_AC_20230221_WQP Analysis Report

Sample Received Date and Time: 02/21/2023 11:40
Sample Date and Time: 02/21/2023 09:15
Sample Matrix: Drinking
Sample Type: Grab
Collector: Paul Hughes

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	1.35	0.500	mg/L	P	B3B3843	02/28/2023	KJH	EPA 200.7	
Chloride	14.3	5.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Iron, Total	<0.150	0.150	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Manganese, Total	<0.0100	0.0100	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sodium, Total	135	0.500	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sulfate	7.6	4.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Eastex Environmental Laboratory - Nacogdoches									
pH	8.0		std unit	P	N301314	02/21/2023	PDH	SM 4500 H + B	
Temp	23.5		degrees C	P	N301314	02/21/2023	PDH	SM 2550	
Alkalinity	295	20	mg CaCO3/L	P	N301452	02/24/2023	KP	SM 2320 B	
Conductivity	617	10	µmhos/cm @25C	A	N301488	02/28/2023	SRD	SM 2510 B	
Hardness	<5.00	5.00	mg CaCO3/L	A	N301458	02/24/2023	CGK	SM 2340 C	
TDS	384	10.0	mg/L	A	N301316	02/21/2023	CGK	SM 2540 C	

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Appleby Water Supply
202 Deen St
Nacogdoches TX, 75965

Project: Appleby WSC WQP
Laboratory Sample ID: N3B0964-03
Sampling Point: EWQP
Sample Location: Plant 1
State Assigned ID: PBCU001

TCEQ Report ID: PWS_TX1740005_AC_20230221_WQP Analysis Report

Sample Received Date and Time: 02/21/2023 11:40
Sample Date and Time: 02/21/2023 09:25
Sample Matrix: Drinking
Sample Type: Grab
Collector: Paul Hughes

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	3.77	0.500	mg/L	P	B3B3843	02/28/2023	KJH	EPA 200.7	
Chloride	9.8	5.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Iron, Total	<0.150	0.150	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Manganese, Total	0.0240	0.0100	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sodium, Total	65.5	0.500	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sulfate	12.6	4.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Eastex Environmental Laboratory - Nacogdoches									
pH	7.7		std unit	P	N301314	02/21/2023	PDH	SM 4500 H + B	
Temp	21.4		degrees C	P	N301314	02/21/2023	PDH	SM 2550	
Alkalinity	148	20	mg CaCO3/L	P	N301452	02/24/2023	KP	SM 2320 B	
Conductivity	315	10	µmhos/cm @25C	A	N301488	02/28/2023	SRD	SM 2510 B	
Hardness	10.0	5.00	mg CaCO3/L	A	N301458	02/24/2023	CGK	SM 2340 C	
TDS	191	10.0	mg/L	A	N301316	02/21/2023	CGK	SM 2540 C	

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Appleby Water Supply
202 Deen St
Nacogdoches TX, 75965

Project: Appleby WSC WQP
Laboratory Sample ID: **N3B0964-04**
Sampling Point: EWQP
Sample Location: Plant 4
State Assigned ID: PBCU004

TCEQ Report ID: **PWS_TX1740005_AC_20230221_WQP Analysis Report**

Sample Received Date and Time: 02/21/2023 11:40
Sample Date and Time: 02/21/2023 09:35
Sample Matrix: Drinking
Sample Type: Grab
Collector: Paul Hughes

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	0.897	0.500	mg/L	P	B3B3843	02/28/2023	KJH	EPA 200.7	
Chloride	28.6	5.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Iron, Total	<0.150	0.150	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Manganese, Total	<0.0100	0.0100	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sodium, Total	239	0.500	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sulfate	<4.0	4.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Eastex Environmental Laboratory - Nacogdoches									
pH	8.5		std unit	P	N301314	02/21/2023	PDH	SM 4500 H + B	
Temp	25.5		degrees C	P	N301314	02/21/2023	PDH	SM 2550	
Alkalinity	613	20	mg CaCO ₃ /L	P	N301452	02/24/2023	KP	SM 2320 B	
Conductivity	1206	10	µmhos/cm @25C	A	N301488	02/28/2023	SRD	SM 2510 B	
Hardness	<5.00	5.00	mg CaCO ₃ /L	A	N301458	02/24/2023	CGK	SM 2340 C	
TDS	761	10.0	mg/L	A	N301316	02/21/2023	CGK	SM 2540 C	

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Appleby Water Supply
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Nacogdoches TX, 75965

Project: Appleby WSC WQP
Laboratory Sample ID: N3B0964-05
Sampling Point: EWQP
Sample Location: Plant 2
State Assigned ID: PBCU002

TCEQ Report ID: PWS_TX1740005_AC_20230221_WQP Analysis Report

Sample Received Date and Time: 02/21/2023 11:40
Sample Date and Time: 02/21/2023 09:40
Sample Matrix: Drinking
Sample Type: Grab
Collector: Paul Hughes

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	1.92	0.500	mg/L	P	B3B3843	02/28/2023	KJH	EPA 200.7	
Chloride	7.3	5.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Iron, Total	<0.150	0.150	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Manganese, Total	0.0142	0.0100	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sodium, Total	105	0.500	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sulfate	16.7	4.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Eastex Environmental Laboratory - Nacogdoches									
pH	8.5		std unit	P	N301314	02/21/2023	PDH	SM 4500 H + B	
Temp	23.1		degrees C	P	N301314	02/21/2023	PDH	SM 2550	
Alkalinity	238	20	mg CaCO3/L	P	N301452	02/24/2023	KP	SM 2320 B	
Conductivity	501	10	µmhos/cm @25C	A	N301488	02/28/2023	SRD	SM 2510 B	
Hardness	6.00	5.00	mg CaCO3/L	A	N301458	02/24/2023	CGK	SM 2340 C	
TDS	301	10.0	mg/L	A	N301316	02/21/2023	CGK	SM 2540 C	

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Appleby Water Supply
202 Deen St
Nacogdoches TX, 75965

Project: Appleby WSC WQP
Laboratory Sample ID: N3B0964-06
Sampling Point: DSTWQP
Sample Location: 1251 CR 274
State Assigned ID: DS01

TCEQ Report ID: PWS_TX1740005_AC_20230221_WQP Analysis Report

Sample Received Date and Time: 02/21/2023 11:40
Sample Date and Time: 02/21/2023 09:50
Sample Matrix: Drinking
Sample Type: Grab
Collector: Paul Hughes

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring									
Calcium, Total	1.33	0.500	mg/L	P	B3B3843	02/28/2023	KJH	EPA 200.7	
Chloride	21.1	5.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Iron, Total	<0.150	0.150	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Manganese, Total	<0.0100	0.0100	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sodium, Total	213	0.500	mg/L	A	B3B3843	02/28/2023	KJH	EPA 200.7	
Sulfate	<4.0	4.0	mg/L	A	B3B3911	02/28/2023	TDS	EPA 300.0	Cs
Eastex Environmental Laboratory - Nacogdoches									
pH	8.8		std unit	P	N301314	02/21/2023	PDH	SM 4500 H + B	
Temp	16		degrees C	P	N301314	02/21/2023	PDH	SM 2550	
Alkalinity	507	20	mg CaCO ₃ /L	P	N301452	02/24/2023	KP	SM 2320 B	
Conductivity	986	10	µmhos/cm @25C	A	N301488	02/28/2023	SRD	SM 2510 B	
Hardness	<5.00	5.00	mg CaCO ₃ /L	A	N301458	02/24/2023	CGK	SM 2340 C	
TDS	609	10.0	mg/L	A	N301316	02/21/2023	CGK	SM 2540 C	

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Eastex Environmental Laboratory - Nacogdoches

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TCEQ Report ID: **PWS_TX1740005_AC_20230221_WQP Analysis Report**

SM 2540 C - Quality Control

Eastex Environmental Laboratory - Nacogdoches

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch N301316 - No Prep										
Blank (N301316-BLK1)				Prepared & Analyzed: 02/21/23						
TDS	ND	10.0	mg/L							
LCS (N301316-BS1)				Prepared & Analyzed: 02/21/23						
TDS	288		mg/L	300		96.0	80-120			
Duplicate (N301316-DUP1)				Source: N3B0964-01 Prepared & Analyzed: 02/21/23						
TDS	370	10.0	mg/L		367			0.814	10	
MRL Check (N301316-MRL1)				Prepared & Analyzed: 02/21/23						
TDS	10.0		mg/L	10.0		100	70-130			
Batch N301452 - No Prep										
Blank (N301452-BLK1)				Prepared & Analyzed: 02/24/23						
Alkalinity	ND	20	mg CaCO ₃ /L							
LCS (N301452-BS1)				Prepared & Analyzed: 02/24/23						
Alkalinity	96		mg CaCO ₃ /L	100		96.0	80-120			
Duplicate (N301452-DUP1)				Source: N3B0964-06 Prepared & Analyzed: 02/24/23						
Alkalinity	499	20	mg CaCO ₃ /L		507			1.59	20	
MRL Check (N301452-MRL1)				Prepared & Analyzed: 02/24/23						
Alkalinity	17		mg CaCO ₃ /L	20.0		85.0	70-130			
Batch N301458 - No Prep										
Blank (N301458-BLK1)				Prepared & Analyzed: 02/24/23						
Hardness	ND	5.00	mg CaCO ₃ /L							

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Eastex Environmental Laboratory - Nacogdoches

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Appleby Water Supply
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TCEQ Report ID: **PWS_TX1740005_AC_20230221_WQP Analysis Report**

SM 2340 C - Quality Control

Eastex Environmental Laboratory - Nacogdoches

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch N301458 - No Prep										
LCS (N301458-BS1)				Prepared & Analyzed: 02/24/23						
Hardness	98.0		mg CaCO ₃ /L	100		98.0	80-120			
MRL Check (N301458-MRL1)				Prepared & Analyzed: 02/24/23						
Hardness	2.00		mg CaCO ₃ /L	2.00		100	70-130			
Matrix Spike (N301458-MS1)				Source: N3B0965-04		Prepared & Analyzed: 02/24/23				
Hardness	108		5.00 mg CaCO ₃ /L	100	8.00	100	80-120			
Matrix Spike Dup (N301458-MSD1)				Source: N3B0965-04		Prepared & Analyzed: 02/24/23				
Hardness	106		5.00 mg CaCO ₃ /L	100	8.00	98.0	80-120	1.87	20	
Batch N301488 - No Prep										
Blank (N301488-BLK1)				Prepared & Analyzed: 02/28/23						
Conductivity	ND		10 µmhos/cm @25C							
LCS (N301488-BS1)				Prepared & Analyzed: 02/28/23						
Conductivity	100.1		µmhos/cm @25C	100		100	80-120			
Duplicate (N301488-DUP1)				Source: N3B0964-02		Prepared & Analyzed: 02/28/23				
Conductivity	615		10 µmhos/cm @25C		617			0.325	20	
MRL Check (N301488-MRL1)				Prepared & Analyzed: 02/28/23						
Conductivity	10.66		µmhos/cm @25C	10.0		107	0-200			
Batch N301547 - No Prep										
Blank (N301547-BLK1)				Prepared & Analyzed: 03/02/23						
Alkalinity	ND		20 mg CaCO ₃ /L							

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Eastex Environmental Laboratory - Nacogdoches

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TCEQ Report ID: PWS_TX1740005_AC_20230221_WQP Analysis Report

SM 2320 B - Quality Control

Eastex Environmental Laboratory - Nacogdoches

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N301547 - No Prep

LCS (N301547-BS1)		Prepared & Analyzed: 03/02/23								
Alkalinity	94		mg CaCO ₃ /L	100		94.0	80-120			
Duplicate (N301547-DUP1)		Source: N3B0043-01		Prepared & Analyzed: 03/02/23						
Alkalinity	47	20	mg CaCO ₃ /L		46			2.15	20	
MRL Check (N301547-MRL1)		Prepared & Analyzed: 03/02/23								
Alkalinity	19	20	mg CaCO ₃ /L				70-130			

Batch N301551 - No Prep

Blank (N301551-BLK1)		Prepared & Analyzed: 03/02/23								
Conductivity	ND	10	µmhos/cm @25C							
LCS (N301551-BS1)		Prepared & Analyzed: 03/02/23								
Conductivity	101		µmhos/cm @25C	100		101	80-120			
Duplicate (N301551-DUP1)		Source: N3B0964-01		Prepared & Analyzed: 03/02/23						
Conductivity	615	10	µmhos/cm @25C		614			0.163	20	
MRL Check (N301551-MRL1)		Prepared & Analyzed: 03/02/23								
Conductivity	9.93		µmhos/cm @25C	10.0		99.3	0-200			

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Eastex Environmental Laboratory - Nacogdoches

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TCEQ Report ID: **PWS_TX1740005_AC_20230221_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
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Batch B3B3843 - EPA 200.7

Blank (B3B3843-BLK1)

Prepared: 02/27/23 Analyzed: 02/28/23

Calcium, Total	ND	0.500	mg/L
Iron, Total	ND	0.150	mg/L
Manganese, Total	ND	0.0100	mg/L
Sodium, Total	ND	0.500	mg/L

LCS (B3B3843-BS1)

Prepared: 02/27/23 Analyzed: 02/28/23

Calcium, Total	27.1	0.500	mg/L	25.0	108	85-115
Iron, Total	0.277	0.150	mg/L	0.250	111	85-115
Manganese, Total	0.270	0.0100	mg/L	0.250	108	85-115
Sodium, Total	25.1	0.500	mg/L	25.0	100	85-115

MRL Check (B3B3843-MRL1)

Prepared: 02/27/23 Analyzed: 02/28/23

Calcium, Total	0.486		mg/L	0.500	97.2	70-130
Iron, Total	0.135		mg/L	0.150	90.0	70-130
Manganese, Total	0.0110		mg/L	0.0100	110	70-130
Sodium, Total	0.595		mg/L	0.500	119	70-130

Matrix Spike (B3B3843-MS1)

Source: C3B0985-01

Prepared: 02/27/23 Analyzed: 02/28/23

Calcium, Total	35.2	0.500	mg/L	25.0	7.82	110	70-130
Iron, Total	0.284	0.150	mg/L	0.250	ND	114	70-130
Manganese, Total	0.306	0.0100	mg/L	0.250	0.0351	108	70-130
Sodium, Total	51.8	0.500	mg/L	25.0	27.2	98.4	70-130

Matrix Spike Dup (B3B3843-MSD1)

Source: C3B0985-01

Prepared: 02/27/23 Analyzed: 02/28/23

Calcium, Total	34.7	0.500	mg/L	25.0	7.82	108	70-130	1.43	20
Iron, Total	0.286	0.150	mg/L	0.250	ND	114	70-130	0.702	20
Manganese, Total	0.305	0.0100	mg/L	0.250	0.0351	108	70-130	0.327	20
Sodium, Total	51.7	0.500	mg/L	25.0	27.2	98.0	70-130	0.193	20

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

Eastex Environmental Laboratory - Nacogdoches

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Alkalinity titrated to pH 4.5 endpoint.



P.O. Box 631375 Nacogdoches Tx 75963
Website: eastexlabs.com
Email: eelnac@sbcglobal.net
Tel: 936 569 8879



Appleby Water Supply
202 Deen St
Nacogdoches TX, 75965

TCEQ Report ID: PWS_TX1740005_AC_20230221_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 B3B3911 - No Prep										
Blank (B3B3911-BLK1)				Prepared & Analyzed: 02/28/23						
Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							
LCS (B3B3911-BS1)				Prepared & Analyzed: 02/28/23						
Chloride	25.3		mg/L	25.0		101	90-110			
Sulfate	20.3		mg/L	20.0		102	90-110			
MRL Check (B3B3911-MRL1)				Prepared & Analyzed: 02/28/23						
Chloride	4.95		mg/L	5.00		98.9	70-130			
Sulfate	3.62		mg/L	4.00		90.5	70-130			
Matrix Spike (B3B3911-MS1)				Source: N3B0964-02		Prepared & Analyzed: 02/28/23				
Chloride	140	5.0	mg/L	125	14.3	100	80-120			
Sulfate	108	4.0	mg/L	100	7.58	101	80-120			
Matrix Spike Dup (B3B3911-MSD1)				Source: N3B0964-02		Prepared & Analyzed: 02/28/23				
Chloride	140	5.0	mg/L	125	14.3	100	80-120	0.136	20	
Sulfate	108	4.0	mg/L	100	7.58	101	80-120	0.0657	20	
Batch B3B3912 - No Prep										
Blank (B3B3912-BLK1)				Prepared & Analyzed: 02/28/23						
Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							
LCS (B3B3912-BS1)				Prepared & Analyzed: 02/28/23						
Chloride	24.8		mg/L	25.0		99.0	90-110			
Sulfate	20.2		mg/L	20.0		101	90-110			

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TCEQ Report ID: PWS_TX1740005_AC_20230221_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 B3B3912 - No Prep										
MRL Check (B3B3912-MRL1)				Prepared & Analyzed: 02/28/23						
Chloride	6.02		mg/L	5.00		120	70-130			
Sulfate	4.74		mg/L	4.00		118	70-130			
Matrix Spike (B3B3912-MS1)				Source: C3A6440-01 Prepared & Analyzed: 02/28/23						
Chloride	170	5.0	mg/L	125	46.2	98.7	80-120			
Sulfate	156	4.0	mg/L	100	62.9	92.8	80-120			
Matrix Spike Dup (B3B3912-MSD1)				Source: C3A6440-01 Prepared & Analyzed: 02/28/23						
Chloride	169	5.0	mg/L	125	46.2	98.4	80-120	0.245	20	
Sulfate	155	4.0	mg/L	100	62.9	91.7	80-120	0.741	20	

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Eastex Environmental Laboratory - Nacogdoches

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TCEQ Report ID: **PWS_TX1740005_AC_20230221_WQP Analysis Report**

Notes and Definitions

Cs	Analyses performed at Coldspring Laboratory.
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

**All Metals Analyses performed at Coldspring Laboratory, unless otherwise indicated.*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER QUALITY PARAMETER MONITORING FORM 20679

Completed by PWS (or Agent)

Completed by Laboratory

PWS Name:	Appleby WSC	Laboratory Name:	Envirox Environmental Lab
PWS ID#:	TX 1740005	TCEQ Lab ID #:	TX 80962 10470431C
PWS Address:	202 DEEN ST NACOGDOCHES, TX 75965	Laboratory Address:	P.O. Box 631375
PWS Contact:	Bobby Stansland	Laboratory Contact:	Nacogdoches, TX 75963
PWS Contact Phone #:	936 - 569 - 9782	Laboratory Contact Phone #:	PAUL D. HUGHES
Inhibitor or Stabilizer Used (Y/N):	☒ Phosphate		
TREATMENT	Alkalinity Dosage Rate:		936 - 569 - 8879

Sample Type (Y/N):	☒ Compliance	Non-compliance	
Sample Collector (Y/N):	☒ Public Water System	Accredited Lab	
Temperature and pH (Y or N):	☒ Are temperature and pH included on the sampling entry's Laboratory Approval Form on file at the TCEQ?	3rd Party Contractor --> Lab ID	AL

Sample Point ID (e.g., DS01, BCUD01)	Sample Location --	Sample Collection		Field Measurements		Replacement? S	Original Sample ID #	Original Sample Date (MMDDYY)	Lab Sample ID																									
		Date (MMDDYY)	Time - 24 hr (HHMM)	pH	Temp (°C)																													
3CU003	EWQF	Plant 3	02/21/23	0910	8.13	24			N3B0464-01	✓	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) *	
3CU005	EWQF	Plant 5	02/21/23	0915	8.04	23.5			N3B0464-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
3CU001	EWQF	Plant 1	02/21/23	0925	7.73	21.4			N3B0464-03	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
3CU004	EWQF	Plant 4	02/21/23	0935	8.53	25.5			N3B0464-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
3CU002	EWQF	Plant 2	02/21/23	0940	8.53	23.1			N3B0464-05	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
501	DSTWQF	1251 CR 274	02/21/23	0950	8.84	16.0			N3B0464-06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					

Knowledge 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. Falsification of this form or tampering with water samples is a crime punishable by state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10)

Signature of Authorized PWS Representative (Print)	Signature	Organization	DATE	Rejection Code (if applicable):	Actual / Corrected sample temperature:	Thermometer ID #:
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In of Custody	Signature	Organization	DATE	Rejection Code (if applicable):	Actual / Corrected sample temperature:	Thermometer ID #:
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Received By (Signature)	Date/Time:	Received By (Signature)	Date/Time:	Received By (Signature)	Date/Time:	Laboratory Comments:
Paul D. Hughes	2/21/23 1140	Babara Davis	2/21/23 1140	Babara Davis	2/21/23 1148	