



22 June 2020

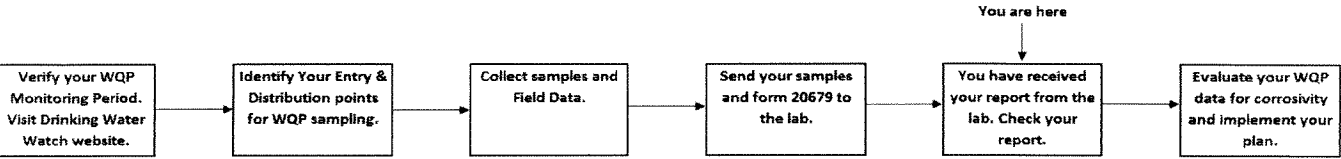
C0E4313

PB and SC WSC
PB and SC WSC
PO Box 121
Point Blank, TX 77364

RE: Point Blank & Stephens Creek WSC WQP

Water Quality Parameters (WQP) Report

Enclosed, is your Water Quality Parameter (WQP) report with the necessary support data. Eastex Lab has reported your results to TCEQ in the following formats: 1. EDD of your data and 2. PDF of your report.



Here are your next actions:

1. Check your report for any errors, such as: Regulatory ID, site names. Please make sure all your sites are listed correctly.
2. Evaluate your WQP data for corrosivity and implement your plan.
3. Please retain all forms and reports from the lab for future field inspections.

If you have questions regarding any of the enclosed data, please call me at 936-653-3249. For compliance questions, please call TCEQ's WQP team at 512-239-4691.



Daniel Bowen
Operations Manager



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PB and SC WSC
PO Box 121
Point Blank TX, 77364

TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0E4313-01**
Sampling Point: **DSTWQP**
Sample Location: **4651 Hwy 156**
State Assigned ID: **DS01**

Sample Received Date and Time:05/20/2020 13:50
Sample Date and Time: 05/20/2020 10:30
Sample Matrix:Potable
Sample Type:Grab
Collector: DCH

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
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Eastex Environmental Laboratory - Coldspring

pH	8.1	std unit			P	B0E2566	05/20/2020 10:30	DCH	SM 4500 H + B	
Temp	27	degrees C			P	B0E2566	05/20/2020 10:30	DCH	SM 2550	
Alkalinity	182	mg CaCO3/L	20	9	P	B0E2821	05/21/2020 14:49	KMW	SM 2320 B	
Calcium, Total	62.7	mg/L	2.50	0.0879	P	B0E3787	06/15/2020 11:19	LAN	EPA 200.7	
Chloride	42.1	mg/L	5.0	1.9	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
Conductivity	535	µmhos/cm @25C	10	0.3	A	B0E3101	05/28/2020 14:08	NLS	SM 2510 B	
Hardness	165	mg CaCO3/L	5.00	1.50	A	B0E2641	05/21/2020 10:42	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3788	06/12/2020 12:25	LAN	EPA 200.7	
Manganese, Total	0.0604	mg/L	0.0100	0.00310	A	B0E3788	06/12/2020 12:25	LAN	EPA 200.7	
Orthophosphate as P	0.868	mg/L	0.02	0.006	P	B0E2617	05/21/2020 07:45	LAN	SM 4500 P E	
Sodium, Total	68.0	mg/L	2.50	0.111	A	B0E3787	06/15/2020 11:19	LAN	EPA 200.7	
Sulfate	10.1	mg/L	4.0	2.0	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
TDS	308	mg/L	10.0	10.0	A	B0E3091	05/26/2020 13:29	NLS	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**

Laboratory Sample ID: **C0E4313-02**

Sampling Point: **DSTWQP**

Sample Location: **5981 Hwy 190**

State Assigned ID: **DS01**

Sample Received Date and Time:05/20/2020 13:50

Sample Date and Time: 05/20/2020 09:05

Sample Matrix:Potable

Sample Type:Grab

Collector: DCH

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
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Eastex Environmental Laboratory - Coldspring

pH	8.2	std unit			P	B0E2566	05/20/2020 09:05	DCH	SM 4500 H + B	
Temp	27	degrees C			P	B0E2566	05/20/2020 09:05	DCH	SM 2550	
Alkalinity	248	mg CaCO3/L	20	9	P	B0E2821	05/21/2020 14:49	KMW	SM 2320 B	
Calcium, Total	11.3	mg/L	2.50	0.0879	P	B0E3787	06/15/2020 11:21	LAN	EPA 200.7	
Chloride	56.9	mg/L	5.0	1.9	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
Conductivity	713	µmhos/cm @25C	10	0.3	A	B0E3101	05/28/2020 14:08	NLS	SM 2510 B	
Hardness	28.0	mg CaCO3/L	5.00	1.50	A	B0E2634	05/21/2020 09:56	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3788	06/12/2020 12:30	LAN	EPA 200.7	
Manganese, Total	0.0244	mg/L	0.0100	0.00310	A	B0E3788	06/12/2020 12:30	LAN	EPA 200.7	
Orthophosphate as P	0.288	mg/L	0.02	0.006	P	B0E2618	05/21/2020 07:45	LAN	SM 4500 P E	
Sodium, Total	157	mg/L	2.50	0.111	A	B0E3787	06/15/2020 11:21	LAN	EPA 200.7	
Sulfate	13.3	mg/L	4.0	2.0	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
TDS	392	mg/L	10.0	10.0	A	B0E3091	05/26/2020 13:29	NLS	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0E4313-03**
Sampling Point: **EWQP**
Sample Location: **2800 Blk Counts Rd**
State Assigned ID: **PBCU001**

Sample Received Date and Time:05/20/2020 13:50
Sample Date and Time: 05/20/2020 09:25
Sample Matrix:Potable
Sample Type:Grab
Collector: DCH

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
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Eastex Environmental Laboratory - Coldspring

pH	8.2	std unit			P	B0E2566	05/20/2020 09:25	DCH	SM 4500 H + B	
Temp	30	degrees C			P	B0E2566	05/20/2020 09:25	DCH	SM 2550	
Alkalinity	240	mg CaCO3/L	20	9	P	B0E2821	05/21/2020 14:49	KMW	SM 2320 B	
Calcium, Total	14.7	mg/L	2.50	0.0879	P	B0E3787	06/15/2020 11:23	LAN	EPA 200.7	
Chloride	39.6	mg/L	5.0	1.9	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
Conductivity	643	µmhos/cm @25C	10	0.3	A	B0E3101	05/28/2020 14:08	NLS	SM 2510 B	
Hardness	35.0	mg CaCO3/L	5.00	1.50	A	B0E2634	05/21/2020 09:56	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3788	06/12/2020 12:35	LAN	EPA 200.7	
Manganese, Total	0.0918	mg/L	0.0100	0.00310	A	B0E3788	06/12/2020 12:35	LAN	EPA 200.7	
Orthophosphate as P	0.88	mg/L	0.02	0.006	P	B0E2618	05/21/2020 07:45	LAN	SM 4500 P E	
Sodium, Total	133	mg/L	2.50	0.111	A	B0E3787	06/15/2020 11:23	LAN	EPA 200.7	
Sulfate	14.3	mg/L	4.0	2.0	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
TDS	368	mg/L	10.0	10.0	A	B0E3091	05/26/2020 13:29	NLS	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**

Laboratory Sample ID: **C0E4313-04**

Sampling Point: **EWQP**

Sample Location: **Raven Hill Rd**

State Assigned ID: **PBCU002**

Sample Received Date and Time:05/20/2020 13:50

Sample Date and Time: 05/20/2020 09:45

Sample Matrix:Potable

Sample Type:Grab

Collector: DCH

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
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Eastex Environmental Laboratory - Coldspring

pH	8.1	std unit			P	B0E2566	05/20/2020 09:45	DCH	SM 4500 H + B	
Temp	27	degrees C			P	B0E2566	05/20/2020 09:45	DCH	SM 2550	
Alkalinity	184	mg CaCO3/L	20	9	P	B0E2821	05/21/2020 14:49	KMW	SM 2320 B	
Calcium, Total	68.8	mg/L	0.500	0.0879	P	B0E3787	06/15/2020 12:43	LAN	EPA 200.7	
Chloride	48.0	mg/L	5.0	1.9	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
Conductivity	544	µmhos/cm @25C	10	0.3	A	B0E3101	05/28/2020 14:08	NLS	SM 2510 B	
Hardness	165	mg CaCO3/L	5.00	1.50	A	B0E2634	05/21/2020 09:56	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3788	06/12/2020 14:58	LAN	EPA 200.7	
Manganese, Total	0.0810	mg/L	0.0100	0.00310	A	B0E3788	06/12/2020 14:58	LAN	EPA 200.7	
Orthophosphate as P	1.126	mg/L	0.02	0.006	P	B0E2618	05/21/2020 07:45	LAN	SM 4500 P E	
Sodium, Total	53.1	mg/L	0.500	0.111	A	B0E3787	06/15/2020 12:43	LAN	EPA 200.7	
Sulfate	11.5	mg/L	4.0	2.0	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
TDS	344	mg/L	10.0	10.0	A	B0E3091	05/26/2020 13:29	NLS	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0E4313-05**
Sampling Point: **EWQP**
Sample Location: **Harvey Bryant Rd**
State Assigned ID: **PBCU003**

Sample Received Date and Time:05/20/2020 13:50
Sample Date and Time: 05/20/2020 10:40
Sample Matrix:Potable
Sample Type:Grab
Collector: DCH

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	8.0	std unit			P	B0E2566	05/20/2020 10:40	DCH	SM 4500 H + B	
Temp	29	degrees C			P	B0E2566	05/20/2020 10:40	DCH	SM 2550	
Alkalinity	190	mg CaCO3/L	20	9	P	B0E2821	05/21/2020 14:49	KMW	SM 2320 B	
Calcium, Total	57.9	mg/L	2.50	0.0879	P	B0E3787	06/15/2020 11:43	LAN	EPA 200.7	
Chloride	42.0	mg/L	5.0	1.9	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
Conductivity	535	µmhos/cm @25C	10	0.3	A	B0E3101	05/28/2020 14:08	NLS	SM 2510 B	
Hardness	145	mg CaCO3/L	5.00	1.50	A	B0E2641	05/21/2020 10:42	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3788	06/12/2020 13:18	LAN	EPA 200.7	
Manganese, Total	0.0643	mg/L	0.0100	0.00310	A	B0E3788	06/12/2020 13:18	LAN	EPA 200.7	
Orthophosphate as P	0.863	mg/L	0.02	0.006	P	B0E2618	05/21/2020 07:45	LAN	SM 4500 P E	
Sodium, Total	62.5	mg/L	2.50	0.111	A	B0E3787	06/15/2020 11:43	LAN	EPA 200.7	
Sulfate	10.1	mg/L	4.0	2.0	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
TDS	340	mg/L	10.0	10.0	A	B0E3091	05/26/2020 13:29	NLS	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**

Laboratory Sample ID: **C0E4313-06**

Sampling Point: **EWQP**

Sample Location: **Snow Hill Rd**

State Assigned ID: **PBCU004**

Sample Received Date and Time:05/20/2020 13:50

Sample Date and Time: 05/20/2020 10:10

Sample Matrix:Potable

Sample Type:Grab

Collector: DCH

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
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Eastex Environmental Laboratory - Coldspring

pH	8.3	std unit			P	B0E2566	05/20/2020 10:10	DCH	SM 4500 H + B	
Temp	28	degrees C			P	B0E2566	05/20/2020 10:10	DCH	SM 2550	
Alkalinity	250	mg CaCO3/L	20	9	P	B0E2821	05/21/2020 14:49	KMW	SM 2320 B	
Calcium, Total	11.3	mg/L	2.50	0.0879	P	B0E3787	06/15/2020 11:45	LAN	EPA 200.7	
Chloride	56.9	mg/L	5.0	1.9	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
Conductivity	719	µmhos/cm @25C	10	0.3	A	B0E3101	05/28/2020 14:08	NLS	SM 2510 B	
Hardness	23.0	mg CaCO3/L	5.00	1.50	A	B0E2641	05/21/2020 10:42	KMW	SM 2340 C	
Iron, Total	0.177	mg/L	0.150	0.00255	A	B0E3788	06/12/2020 13:23	LAN	EPA 200.7	
Manganese, Total	0.0485	mg/L	0.0100	0.00310	A	B0E3788	06/12/2020 13:23	LAN	EPA 200.7	
Orthophosphate as P	0.697	mg/L	0.02	0.006	P	B0E2618	05/21/2020 07:45	LAN	SM 4500 P E	
Sodium, Total	158	mg/L	2.50	0.111	A	B0E3787	06/15/2020 11:45	LAN	EPA 200.7	
Sulfate	13.3	mg/L	4.0	2.0	A	B0E2794	05/21/2020 17:00	AMS	EPA 300.0	
TDS	448	mg/L	10.0	10.0	A	B0E3091	05/26/2020 13:29	NLS	SM 2540 C	

Eastex Environmental Laboratory - Coldspring

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.

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



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

SM 4500 P E - 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 B0E2617 - No Prep

Blank (B0E2617-BLK1)				Prepared & Analyzed: 05/21/20						
Orthophosphate as P	ND	0.02	mg/L							
LCS (B0E2617-BS1)				Prepared & Analyzed: 05/21/20						
Orthophosphate as P	0.246		mg/L	0.250		98.4	90-110			
MRL Check (B0E2617-MRL1)				Prepared & Analyzed: 05/21/20						
Orthophosphate as P	0.036		mg/L	0.0400		90.0	70-130			
Matrix Spike (B0E2617-MS1)				Source: C0E3734-01		Prepared & Analyzed: 05/21/20				
Orthophosphate as P	1.009	0.02	mg/L	0.500	0.47	108	80-120			
Matrix Spike Dup (B0E2617-MSD1)				Source: C0E3734-01		Prepared & Analyzed: 05/21/20				
Orthophosphate as P	0.968	0.02	mg/L	0.500	0.47	99.6	80-120	4.15	20	

Batch B0E2618 - No Prep

Blank (B0E2618-BLK1)				Prepared & Analyzed: 05/21/20						
Orthophosphate as P	ND	0.02	mg/L							
LCS (B0E2618-BS1)				Prepared & Analyzed: 05/21/20						
Orthophosphate as P	0.259		mg/L	0.250		104	90-110			
MRL Check (B0E2618-MRL1)				Prepared & Analyzed: 05/21/20						
Orthophosphate as P	0.04		mg/L	0.0400		100	70-130			
Matrix Spike (B0E2618-MS1)				Source: C0E4313-02		Prepared & Analyzed: 05/21/20				
Orthophosphate as P	0.799	0.02	mg/L	0.500	0.288	102	80-120			



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP** Analysis Report

SM 4500 P E - 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 B0E2618 - No Prep

Matrix Spike Dup (B0E2618-MSD1)	Source: C0E4313-02		Prepared & Analyzed: 05/21/20							
Orthophosphate as P	0.766	0.02	mg/L	0.500	0.288	95.6	80-120	4.22	20	

Batch B0E2634 - No Prep

Blank (B0E2634-BLK1)	Prepared & Analyzed: 05/21/20									
Hardness	ND	5.00 mg CaCO3/L								

LCS (B0E2634-BS1)	Prepared & Analyzed: 05/21/20									
Hardness	100	mg CaCO3/L		100	100		80-120			

MRL Check (B0E2634-MRL1)	Prepared & Analyzed: 05/21/20									
Hardness	5.00	mg CaCO3/L		5.00	100		70-130			

Matrix Spike (B0E2634-MS1)	Source: C0E3216-01		Prepared & Analyzed: 05/21/20							
Hardness	600	5.00 mg CaCO3/L		500	105	99.0	80-120			

Matrix Spike Dup (B0E2634-MSD1)	Source: C0E3216-01		Prepared & Analyzed: 05/21/20							
Hardness	600	5.00 mg CaCO3/L		500	105	99.0	80-120	0.00	20	

Batch B0E2641 - No Prep

Blank (B0E2641-BLK1)	Prepared & Analyzed: 05/21/20									
Hardness	ND	5.00 mg CaCO3/L								

LCS (B0E2641-BS1)	Prepared & Analyzed: 05/21/20									
Hardness	100	mg CaCO3/L		100	100		80-120			



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

SM 2340 C - 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 B0E2641 - No Prep

MRL Check (B0E2641-MRL1) Prepared & Analyzed: 05/21/20

Hardness	5.00		mg CaCO3/L	5.00		100	70-130			
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Matrix Spike (B0E2641-MS1) Source: C0E1715-01 Prepared & Analyzed: 05/21/20

Hardness	635	5.00	mg CaCO3/L	500	166	93.8	80-120			
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Matrix Spike Dup (B0E2641-MSD1) Source: C0E1715-01 Prepared & Analyzed: 05/21/20

Hardness	635	5.00	mg CaCO3/L	500	166	93.8	80-120	0.00	20	
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Batch B0E2794 - No Prep

Blank (B0E2794-BLK1) Prepared & Analyzed: 05/21/20

Chloride	ND	5.0	mg/L							
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Sulfate	ND	4.0	mg/L							
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LCS (B0E2794-BS1) Prepared & Analyzed: 05/21/20

Chloride	24.2		mg/L	25.0		97.0	90-110			
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Sulfate	24.3		mg/L	25.0		97.3	90-110			
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MRL Check (B0E2794-MRL1) Prepared & Analyzed: 05/21/20

Chloride	5.27		mg/L	5.00		105	70-130			
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Sulfate	4.53		mg/L	4.00		113	70-130			
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Matrix Spike (B0E2794-MS1) Source: C0E3995-02 Prepared & Analyzed: 05/21/20

Chloride	266	5.0	mg/L	125	148	93.8	80-120			
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Sulfate	128	4.0	mg/L	125	6.65	96.9	80-120			
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Matrix Spike Dup (B0E2794-MSD1) Source: C0E3995-02 Prepared & Analyzed: 05/21/20

Chloride	266	5.0	mg/L	125	148	93.9	80-120	0.0613	20	
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Sulfate	128	4.0	mg/L	125	6.65	96.9	80-120	0.0581	20	
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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

SM 2320 B - 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 B0E2821 - No Prep

Blank (B0E2821-BLK1) Prepared & Analyzed: 05/21/20

Alkalinity	ND	20	mg CaCO3/L							
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LCS (B0E2821-BS1) Prepared & Analyzed: 05/21/20

Alkalinity	44		mg CaCO3/L	50.0		88.0	80-120			
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Duplicate (B0E2821-DUP1) **Source: C0E3734-01** Prepared & Analyzed: 05/21/20

Alkalinity	66	20	mg CaCO3/L		66			0.00	20	
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MRL Check (B0E2821-MRL1) Prepared & Analyzed: 05/21/20

Alkalinity	20		mg CaCO3/L	20.0		100	70-130			
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Batch B0E3091 - No Prep

Blank (B0E3091-BLK1) Prepared & Analyzed: 05/26/20

TDS	ND	10.0	mg/L							
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LCS (B0E3091-BS1) Prepared & Analyzed: 05/26/20

TDS	264		mg/L	300		88.0	80-120			
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Duplicate (B0E3091-DUP1) **Source: C0E3995-03** Prepared & Analyzed: 05/26/20

TDS	532	10.0	mg/L		568			6.55	10	
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MRL Check (B0E3091-MRL1) Prepared & Analyzed: 05/26/20

TDS	8.00		mg/L	10.0		80.0	70-130			
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Batch B0E3101 - No Prep

Blank (B0E3101-BLK1) Prepared & Analyzed: 05/28/20

Conductivity	ND	10	µmhos/cm @25C							
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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.

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

WQP Report V.3 05162019

Print date and time: 6/22/2020 3:40:10PM

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TCEQ Report ID: PWS_TX2040024_AC_20200520_WQP Analysis Report

SM 2510 B - 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 B0E3101 - No Prep

LCS (B0E3101-BS1)				Prepared & Analyzed: 05/28/20			
Conductivity	997	µmhos/cm @25C	1000	99.7	80-120		

Duplicate (B0E3101-DUP1)		Source: C0E3995-03		Prepared & Analyzed: 05/28/20	
Conductivity	1025	10	µmhos/cm	1021	0.391
			@25C		20

Batch B0E3787 - EPA 200.7

Blank (B0E3787-BLK1)				Prepared: 05/29/20 Analyzed: 06/15/20			
Calcium, Total	ND	0.500	mg/L				
Sodium, Total	ND	0.500	mg/L				

Blank (B0E3787-BLK2)				Prepared: 05/29/20 Analyzed: 06/15/20			
Calcium, Total	ND	0.500	mg/L				
Sodium, Total	ND	0.500	mg/L				

Blank (B0E3787-BLK3)				Prepared: 05/29/20 Analyzed: 06/15/20			
Calcium, Total	ND	0.500	mg/L				
Sodium, Total	ND	0.500	mg/L				

LCS (B0E3787-BS1)				Prepared: 05/29/20 Analyzed: 06/15/20		
Calcium, Total	23.4	0.500	mg/L	25.0	93.7	85-115
Sodium, Total	26.8	0.500	mg/L	25.0	107	85-115

LCS (B0E3787-BS2)				Prepared: 05/29/20 Analyzed: 06/15/20		
Calcium, Total	22.3	0.500	mg/L	25.0	89.3	85-115
Sodium, Total	26.1	0.500	mg/L	25.0	104	85-115



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_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 B0E3787 - EPA 200.7										
LCS (B0E3787-BS3)				Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	22.7	0.500	mg/L	25.0		90.9	85-115			
Sodium, Total	26.5	0.500	mg/L	25.0		106	85-115			
MRL Check (B0E3787-MRL1)				Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	0.468		mg/L	0.500		93.7	70-130			
Sodium, Total	0.586		mg/L	0.500		117	70-130			
Matrix Spike (B0E3787-MS1)		Source: C0E3216-01		Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	56.8	2.50	mg/L	25.0	33.5	93.3	70-130			
Sodium, Total	125	2.50	mg/L	25.0	101	97.3	70-130			
Matrix Spike (B0E3787-MS2)		Source: C0E3216-11		Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	31.4	2.50	mg/L	25.0	10.9	82.2	70-130			
Sodium, Total	147	2.50	mg/L	25.0	127	80.0	70-130			
Matrix Spike (B0E3787-MS3)		Source: C0E4313-04		Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	86.6	2.50	mg/L	25.0	68.8	71.3	70-130			
Sodium, Total	72.7	2.50	mg/L	25.0	53.1	78.4	70-130			
Matrix Spike Dup (B0E3787-MSD1)		Source: C0E3216-01		Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	53.2	2.50	mg/L	25.0	33.5	78.8	70-130	6.61	20	
Sodium, Total	119	2.50	mg/L	25.0	101	73.5	70-130	4.88	20	
Matrix Spike Dup (B0E3787-MSD2)		Source: C0E3216-11		Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	31.4	2.50	mg/L	25.0	10.9	82.2	70-130	0.0339	20	
Sodium, Total	147	2.50	mg/L	25.0	127	82.1	70-130	0.351	20	
Matrix Spike Dup (B0E3787-MSD3)		Source: C0E4313-04		Prepared: 05/29/20 Analyzed: 06/15/20						
Calcium, Total	83.3	2.50	mg/L	25.0	68.8	58.2	70-130	3.84	20	
Sodium, Total	75.2	2.50	mg/L	25.0	53.1	88.4	70-130	3.37	20	

Eastex Environmental Laboratory - Coldspring

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.

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TCEQ Report ID: **PWS_TX2040024_AC_20200520_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 B0E3788 - EPA 200.7										
Blank (B0E3788-BLK1)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B0E3788-BLK2)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B0E3788-BLK3)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
LCS (B0E3788-BS1)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.268	0.150	mg/L	0.250		107	85-115			
Manganese, Total	0.240	0.0100	mg/L	0.250		95.9	85-115			
LCS (B0E3788-BS2)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.235	0.150	mg/L	0.250		94.0	85-115			
Manganese, Total	0.213	0.0100	mg/L	0.250		85.2	85-115			
LCS (B0E3788-BS3)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.241	0.150	mg/L	0.250		96.5	85-115			
Manganese, Total	0.220	0.0100	mg/L	0.250		88.0	85-115			
MRL Check (B0E3788-MRL1)				Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.146		mg/L	0.150		97.4	70-130			
Manganese, Total	0.00985		mg/L	0.0100		98.5	70-130			
Matrix Spike (B0E3788-MS1)		Source: C0E3216-01		Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.465	0.150	mg/L	0.250	0.230	93.7	70-130			
Manganese, Total	0.224	0.0100	mg/L	0.250	0.0130	84.3	70-130			



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TCEQ Report ID: PWS_TX2040024_AC_20200520_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 B0E3788 - EPA 200.7

Matrix Spike (B0E3788-MS2)		Source: C0E3216-11		Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.260	0.150	mg/L	0.250	0.0267	93.4	70-130			
Manganese, Total	0.215	0.0100	mg/L	0.250	0.00317	84.8	70-130			

Matrix Spike (B0E3788-MS3)		Source: C0E4313-04		Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.321	0.150	mg/L	0.250	0.0836	95.1	70-130			
Manganese, Total	0.301	0.0100	mg/L	0.250	0.0810	87.9	70-130			

Matrix Spike Dup (B0E3788-MSD1)		Source: C0E3216-01		Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.470	0.150	mg/L	0.250	0.230	96.0	70-130	1.22	20	
Manganese, Total	0.227	0.0100	mg/L	0.250	0.0130	85.5	70-130	1.29	20	

Matrix Spike Dup (B0E3788-MSD2)		Source: C0E3216-11		Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.261	0.150	mg/L	0.250	0.0267	93.9	70-130	0.423	20	
Manganese, Total	0.214	0.0100	mg/L	0.250	0.00317	84.1	70-130	0.768	20	

Matrix Spike Dup (B0E3788-MSD3)		Source: C0E4313-04		Prepared: 05/29/20 Analyzed: 06/12/20						
Iron, Total	0.320	0.150	mg/L	0.250	0.0836	94.5	70-130	0.445	20	
Manganese, Total	0.302	0.0100	mg/L	0.250	0.0810	88.5	70-130	0.453	20	



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TCEQ Report ID: **PWS_TX2040024_AC_20200520_WQP Analysis Report**

Qualifiers and Notes

PWS Name:		Point Blank & Stephens Creek WSC				Laboratory Name:		Eastex Environmental Laboratory									
PWS ID#:		TX2040024				TCEQ Lab ID #:		TX203									
PWS Address:		P.O. Box 121 Point Blank, TX 77364				Laboratory Address:		PO Box 1089 Coldspring, Texas 77331									
PWS Contact:		Barry Duke				Laboratory Contact:		Daniel Bowen									
PWS Contact Phone #:		936-200-0405				Laboratory Contact Phone #:		936-653-3249									
Inhibitor or Stabilizer Used (Y/N):		☒ Phosphate		Silica		Calcium carbonate											
TREATMENT		Alkalinity Dosage Rate:		Inhibitor Dosage Rate:		Laboratory Contact Phone #:											

Sample Type (%)		Compliance	Non-compliance		3rd Party Contractor --> LAB ID		AL	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.														
Sample Collector (%)	Public Water System	Accredited Lab	Are temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TCEQ?		Y	collection?																
Temperature and pH (Y or N):		Y			Y																	
Facility ID (e.g. DS01, PBCU001)	Sample Point ID (e.g. DSTWQP, EWQP)	Sample Location	Sample Collection		Field Measurements		Replacement?	Original Sample ID #	Original Sample Date (MMDDYY)	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) *
			Date (MMDDYY)	Time - 24 hr (HHMM)	pH	Temp (°C)																
DS01	DSTWQP	4651 Hwy 156	05/20/20	1039	8.1	27.1				CCT4313-c1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	DSTWQP	5981 Hwy 190	05/20/20	0905	8.2	26.9				4313-c2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU001	EWQP	2800 Blk Counts Rd	05/20/20	0925	8.2	29.6				4313-c3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU002	EWQP	Raven Hill Rd	05/20/20	0945	8.1	27.3				4313-c4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU003	EWQP	Harvey Bryant Rd	05/20/20	1040	8.0	29.0				4313-c5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU004	EWQP	Snow Hill Rd	05/20/20	1010	8.3	27.8				4313-c6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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. 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		Sample Conditions upon Receipt (✓)	
Chain of Custody		Relinquished By (Signature)		Relinquished By (Signature)		Relinquished By (Signature)		Date & Time of Sample Preservation (acidified):	
Received By Counter (Signature)		Date		Received By Lab (Signature)		Date		Laboratory Comments:	
TCEQ 20679 (Rev 01/2018)									



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White Copy-Follows Samples
Yellow Copy-Laboratory
Pink Copy-Client Copy

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