



17 March 2020

C0B5068

PB and SC WSC

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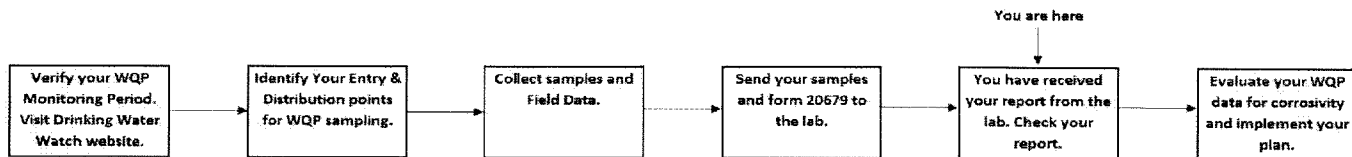
PO Box 121

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_20200310_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0B5068-01**
Sampling Point: **DSTWQP**
Sample Location: **4651 Hwy 156**
State Assigned ID: **DS01**

Sample Received Date and Time: 03/10/2020 10:50
Sample Date and Time: 03/10/2020 08:25
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	7.1	std unit			P	B0C1262	03/10/2020 08:25	DCH	SM 4500 H + B	
Temp	20	degrees C			P	B0C1262	03/10/2020 08:25	DCH	SM 2550	
Alkalinity	190	mg CaCO3/L	20	9	P	B0C1406	03/11/2020 14:56	KMW	SM 2320 B	
Calcium, Total	64.8	mg/L	0.500	0.0879	P	B0C1787	03/16/2020 11:39	LAN	EPA 200.7	
Chloride	41.7	mg/L	5.0	1.9	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
Conductivity	535	µmhos/cm @25C	10	0.3	A	B0C1792	03/12/2020 14:55	ACW	SM 2510 B	
Hardness	150	mg CaCO3/L	5.00	1.50	A	B0C1390	03/11/2020 13:30	KMW	SM 2340 C	
Iron, Total	<0.0500	mg/L	0.0500	0.00255	A	B0C1786	03/13/2020 10:57	LAN	EPA 200.7	
Manganese, Total	0.0482	mg/L	0.0100	0.00310	A	B0C1786	03/13/2020 10:57	LAN	EPA 200.7	13
Orthophosphate as P	0.853	mg/L	0.02	0.006	P	B0C1265	03/10/2020 11:15	LAN	SM 4500 P E	
Sodium, Total	46.7	mg/L	0.500	0.111	A	B0C1787	03/16/2020 11:39	LAN	EPA 200.7	
Sulfate	9.4	mg/L	4.0	2.0	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
TDS	364	mg/L	10.0	10.0	A	B0C1431	03/11/2020 10:20	ACW	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0B5068-02**
Sampling Point: **DSTWQP**
Sample Location: **5981 Hwy 190**
State Assigned ID: **DS01**

Sample Received Date and Time: 03/10/2020 10:50
Sample Date and Time: 03/10/2020 07:30
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	7.2	std unit			P	B0C1262	03/10/2020 07:30	DCH	SM 4500 H + B	
Temp	19	degrees C			P	B0C1262	03/10/2020 07:30	DCH	SM 2550	
Alkalinity	254	mg CaCO3/L	20	9	P	B0C1406	03/11/2020 14:56	KMW	SM 2320 B	
Calcium, Total	12.5	mg/L	0.500	0.0879	P	B0C1787	03/16/2020 11:47	LAN	EPA 200.7	
Chloride	57.4	mg/L	5.0	1.9	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
Conductivity	715	umhos/cm @25C	10	0.3	A	B0C1792	03/12/2020 14:55	ACW	SM 2510 B	
Hardness	31.0	mg CaCO3/L	5.00	1.50	A	B0C1390	03/11/2020 13:30	KMW	SM 2340 C	
Iron, Total	0.0817	mg/L	0.0500	0.00255	A	B0C1786	03/13/2020 11:18	LAN	EPA 200.7	
Manganese, Total	0.0158	mg/L	0.0100	0.00310	A	B0C1786	03/13/2020 11:18	LAN	EPA 200.7	13
Orthophosphate as P	0.695	mg/L	0.02	0.006	P	B0C1265	03/10/2020 11:15	LAN	SM 4500 P E	
Sodium, Total	114	mg/L	0.500	0.111	A	B0C1787	03/16/2020 11:47	LAN	EPA 200.7	
Sulfate	13.4	mg/L	4.0	2.0	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
TDS	424	mg/L	10.0	10.0	A	B0C1431	03/11/2020 10:20	ACW	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0B5068-03**
Sampling Point: **EWQP**
Sample Location: **2800 Blk Counts Rd**
State Assigned ID: **PBCU001**

Sample Received Date and Time: 03/10/2020 10:50
Sample Date and Time: 03/10/2020 07:20
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	7.3	std unit			P	B0C1262	03/10/2020 07:20	DCH	SM 4500 H + B	
Temp	21	degrees C			P	B0C1262	03/10/2020 07:20	DCH	SM 2550	
Alkalinity	238	mg CaCO3/L	20	9	P	B0C1406	03/11/2020 14:56	KMW	SM 2320 B	
Calcium, Total	17.1	mg/L	0.500	0.0879	P	B0C1787	03/16/2020 11:49	LAN	EPA 200.7	
Chloride	39.2	mg/L	5.0	1.9	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
Conductivity	658	umhos/cm @25C	10	0.3	A	B0C1792	03/12/2020 14:55	ACW	SM 2510 B	
Hardness	45.0	mg CaCO3/L	5.00	1.50	A	B0C1390	03/11/2020 13:30	KMW	SM 2340 C	
Iron, Total	<0.0500	mg/L	0.0500	0.00255	A	B0C1786	03/13/2020 11:23	LAN	EPA 200.7	
Manganese, Total	0.0335	mg/L	0.0100	0.00310	A	B0C1786	03/13/2020 11:23	LAN	EPA 200.7	13
Orthophosphate as P	0.735	mg/L	0.02	0.006	P	B0C1265	03/10/2020 11:15	LAN	SM 4500 P E	
Sodium, Total	105	mg/L	0.500	0.111	A	B0C1787	03/16/2020 11:49	LAN	EPA 200.7	
Sulfate	14.0	mg/L	4.0	2.0	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
TDS	360	mg/L	10.0	10.0	A	B0C1431	03/11/2020 10:20	ACW	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0B5068-04**
Sampling Point: **EWQP**
Sample Location: **Raven Hill Rd**
State Assigned ID: **PBCU002**

Sample Received Date and Time: 03/10/2020 10:50
Sample Date and Time: 03/10/2020 07:50
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	7.0	std unit			P	B0C1262	03/10/2020 07:50	DCH	SM 4500 H + B	
Temp	20	degrees C			P	B0C1262	03/10/2020 07:50	DCH	SM 2550	
Alkalinity	182	mg CaCO3/L	20	9	P	B0C1406	03/11/2020 14:56	KMW	SM 2320 B	
Calcium, Total	70.0	mg/L	0.500	0.0879	P	B0C1787	03/16/2020 11:51	LAN	EPA 200.7	
Chloride	47.2	mg/L	5.0	1.9	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
Conductivity	546	umhos/cm @25C	10	0.3	A	B0C1792	03/12/2020 14:55	ACW	SM 2510 B	
Hardness	163	mg CaCO3/L	5.00	1.50	A	B0C1390	03/11/2020 13:30	KMW	SM 2340 C	
Iron, Total	<0.0500	mg/L	0.0500	0.00255	A	B0C1786	03/13/2020 11:28	LAN	EPA 200.7	
Manganese, Total	0.0607	mg/L	0.0100	0.00310	A	B0C1786	03/13/2020 11:28	LAN	EPA 200.7	13
Orthophosphate as P	1.151	mg/L	0.02	0.006	P	B0C1265	03/10/2020 11:15	LAN	SM 4500 P E	
Sodium, Total	37.7	mg/L	0.500	0.111	A	B0C1787	03/16/2020 11:51	LAN	EPA 200.7	
Sulfate	10.2	mg/L	4.0	2.0	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
TDS	336	mg/L	10.0	10.0	A	B0C1431	03/11/2020 10:20	ACW	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0B5068-05**
Sampling Point: **EWQP**
Sample Location: **Harvey Bryant Rd**
State Assigned ID: **PBCU003**

Sample Received Date and Time: 03/10/2020 10:50
Sample Date and Time: 03/10/2020 08:35
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	7.1	std unit			P	B0C1262	03/10/2020 08:35	DCH	SM 4500 H + B	
Temp	21	degrees C			P	B0C1262	03/10/2020 08:35	DCH	SM 2550	
Alkalinity	188	mg CaCO3/L	20	9	P	B0C1406	03/11/2020 14:56	KMW	SM 2320 B	
Calcium, Total	61.5	mg/L	0.500	0.0879	P	B0C1787	03/16/2020 11:53	LAN	EPA 200.7	
Chloride	41.0	mg/L	5.0	1.9	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
Conductivity	535	umhos/cm @25C	10	0.3	A	B0C1792	03/12/2020 14:55	ACW	SM 2510 B	
Hardness	135	mg CaCO3/L	5.00	1.50	A	B0C1390	03/11/2020 13:30	KMW	SM 2340 C	
Iron, Total	<0.0500	mg/L	0.0500	0.00255	A	B0C1786	03/13/2020 11:33	LAN	EPA 200.7	
Manganese, Total	0.0526	mg/L	0.0100	0.00310	A	B0C1786	03/13/2020 11:33	LAN	EPA 200.7	13
Orthophosphate as P	0.835	mg/L	0.02	0.006	P	B0C1265	03/10/2020 11:15	LAN	SM 4500 P E	
Sodium, Total	46.0	mg/L	0.500	0.111	A	B0C1787	03/16/2020 11:53	LAN	EPA 200.7	
Sulfate	9.3	mg/L	4.0	2.0	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
TDS	344	mg/L	10.0	10.0	A	B0C1431	03/11/2020 10:20	ACW	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_WQP Analysis Report**

Project: **Point Blank & Stephens Creek WSC WQP**
Laboratory Sample ID: **C0B5068-06**
Sampling Point: **EWQP**
Sample Location: **Snow Hill Rd**
State Assigned ID: **PBCU004**

Sample Received Date and Time: 03/10/2020 10:50
Sample Date and Time: 03/10/2020 08:10
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	7.1	std unit			P	B0C1262	03/10/2020 08:10	DCH	SM 4500 H + B	
Temp	23	degrees C			P	B0C1262	03/10/2020 08:10	DCH	SM 2550	
Alkalinity	246	mg CaCO3/L	20	9	P	B0C1406	03/11/2020 14:56	KMW	SM 2320 B	
Calcium, Total	12.5	mg/L	0.500	0.0879	P	B0C1787	03/16/2020 11:55	LAN	EPA 200.7	
Chloride	57.8	mg/L	5.0	1.9	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
Conductivity	723	umhos/cm @25C	10	0.3	A	B0C1792	03/12/2020 14:55	ACW	SM 2510 B	
Hardness	42.0	mg CaCO3/L	5.00	1.50	A	B0C1390	03/11/2020 13:30	KMW	SM 2340 C	
Iron, Total	0.130	mg/L	0.0500	0.00255	A	B0C1786	03/13/2020 11:39	LAN	EPA 200.7	
Manganese, Total	0.0322	mg/L	0.0100	0.00310	A	B0C1786	03/13/2020 11:39	LAN	EPA 200.7	13
Orthophosphate as P	0.568	mg/L	0.02	0.006	P	B0C1265	03/10/2020 11:15	LAN	SM 4500 P E	
Sodium, Total	115	mg/L	0.500	0.111	A	B0C1787	03/16/2020 11:55	LAN	EPA 200.7	
Sulfate	13.4	mg/L	4.0	2.0	A	B0C1303	03/10/2020 17:30	AMS	EPA 300.0	
TDS	464	mg/L	10.0	10.0	A	B0C1431	03/11/2020 10:20	ACW	SM 2540 C	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_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 B0C1265 - No Prep

Blank (B0C1265-BLK1)				Prepared & Analyzed: 03/10/20						
Orthophosphate as P	ND	0.02	mg/L							
LCS (B0C1265-BS1)				Prepared & Analyzed: 03/10/20						
Orthophosphate as P	0.258		mg/L	0.250		103	90-110			
MRL Check (B0C1265-MRL1)				Prepared & Analyzed: 03/10/20						
Orthophosphate as P	0.04		mg/L	0.0400		100	70-130			
Matrix Spike (B0C1265-MS1)				Source: C0B5068-01 Prepared & Analyzed: 03/10/20						
Orthophosphate as P	1.394	0.02	mg/L	0.500	0.853	108	80-120			
Matrix Spike Dup (B0C1265-MSD1)				Source: C0B5068-01 Prepared & Analyzed: 03/10/20						
Orthophosphate as P	1.343	0.02	mg/L	0.500	0.853	98.0	80-120	3.73	20	

Batch B0C1303 - No Prep

Blank (B0C1303-BLK1)				Prepared & Analyzed: 03/10/20						
Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							
LCS (B0C1303-BS1)				Prepared & Analyzed: 03/10/20						
Chloride	23.6		mg/L	25.0		94.3	90-110			
Sulfate	23.1		mg/L	25.0		92.4	90-110			
MRL Check (B0C1303-MRL1)				Prepared & Analyzed: 03/10/20						
Chloride	5.46		mg/L	5.00		109	70-130			
Sulfate	4.59		mg/L	4.00		115	70-130			



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_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
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Batch B0C1303 - No Prep

Matrix Spike (B0C1303-MS1)		Source: C0B5068-01		Prepared & Analyzed: 03/10/20						
Chloride	175	25.0	mg/L	125	41.7	107	80-120			
Sulfate	144	20.0	mg/L	125	ND	115	80-120			
Matrix Spike Dup (B0C1303-MSD1)		Source: C0B5068-01		Prepared & Analyzed: 03/10/20						
Chloride	175	25.0	mg/L	125	41.7	106	80-120	0.0904	20	
Sulfate	142	20.0	mg/L	125	ND	113	80-120	1.48	20	

Batch B0C1390 - No Prep

Blank (B0C1390-BLK1)		Prepared & Analyzed: 03/11/20								
Hardness	ND	5.00 mg CaCO3/L								
LCS (B0C1390-BS1)		Prepared & Analyzed: 03/11/20								
Hardness	100	mg CaCO3/L		100		100	80-120			
MRL Check (B0C1390-MRL1)		Prepared & Analyzed: 03/11/20								
Hardness	5.00	mg CaCO3/L		5.00		100	70-130			
Matrix Spike (B0C1390-MS1)		Source: C0B5068-01		Prepared & Analyzed: 03/11/20						
Hardness	620	5.00 mg CaCO3/L		500	150	94.0	80-120			
Matrix Spike Dup (B0C1390-MSD1)		Source: C0B5068-01		Prepared & Analyzed: 03/11/20						
Hardness	621	5.00 mg CaCO3/L		500	150	94.2	80-120	0.161	20	

Batch B0C1406 - No Prep

Blank (B0C1406-BLK1)		Prepared & Analyzed: 03/11/20								
Alkalinity	ND	20 mg CaCO3/L								



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_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 B0C1406 - No Prep

LCS (B0C1406-BS1)

Prepared & Analyzed: 03/11/20

Alkalinity	44		mg CaCO3/L	50.0		88.0	80-120			
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Duplicate (B0C1406-DUP1)

Source: C0B5068-01

Prepared & Analyzed: 03/11/20

Alkalinity	192	20	mg CaCO3/L		190			1.05	20	
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MRL Check (B0C1406-MRL1)

Prepared & Analyzed: 03/11/20

Alkalinity	20		mg CaCO3/L	20.0		100	70-130			
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Batch B0C1431 - No Prep

Blank (B0C1431-BLK1)

Prepared & Analyzed: 03/11/20

TDS	ND	10.0	mg/L							
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LCS (B0C1431-BS1)

Prepared & Analyzed: 03/11/20

TDS	324		mg/L	300		108	80-120			
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Duplicate (B0C1431-DUP1)

Source: C0B5068-01

Prepared & Analyzed: 03/11/20

TDS	352	10.0	mg/L		364			3.35	10	
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MRL Check (B0C1431-MRL1)

Prepared & Analyzed: 03/11/20

TDS	8.00		mg/L	10.0		80.0	70-130			
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Batch B0C1786 - EPA 200.7

Blank (B0C1786-BLK1)

Prepared: 03/12/20 Analyzed: 03/13/20

Iron, Total	ND	0.0500	mg/L							
Manganese, Total	ND	0.0100	mg/L							



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_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 B0C1786 - EPA 200.7										
Blank (B0C1786-BLK2)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	ND	0.0500	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B0C1786-BLK3)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	ND	0.0500	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B0C1786-BLK4)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	ND	0.0500	mg/L							
Manganese, Total	ND	0.0100	mg/L							
LCS (B0C1786-BS1)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.273	0.0500	mg/L	0.250		109	85-115			
Manganese, Total	0.196	0.0100	mg/L	0.250		78.3	85-115			13
LCS (B0C1786-BS2)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.229	0.0500	mg/L	0.250		91.7	85-115			
Manganese, Total	0.209	0.0100	mg/L	0.250		83.5	85-115			13
LCS (B0C1786-BS3)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.239	0.0500	mg/L	0.250		95.4	85-115			
Manganese, Total	0.218	0.0100	mg/L	0.250		87.2	85-115			
LCS (B0C1786-BS4)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.230	0.0500	mg/L	0.250		92.0	85-115			
Manganese, Total	0.209	0.0100	mg/L	0.250		83.4	85-115			
MRL Check (B0C1786-MRL1)										
				Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.00889		mg/L	0.0100		88.9	70-130			
Manganese, Total	0.0106		mg/L	0.0100		106	70-130			



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PB and SC WSC
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TCEQ Report ID: **PWS_TX2040024_AC_20200310_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 B0C1786 - EPA 200.7										
Matrix Spike (B0C1786-MS1)		Source: C0B5068-01		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.262	0.0500	mg/L	0.250	0.0210	96.3	70-130			
Manganese, Total	0.245	0.0100	mg/L	0.250	0.0482	78.9	70-130			
Matrix Spike (B0C1786-MS2)		Source: C0C1642-03		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.276	0.0500	mg/L	0.250	0.0531	89.3	70-130			
Manganese, Total	0.212	0.0100	mg/L	0.250	0.00562	82.7	70-130			
Matrix Spike (B0C1786-MS3)		Source: C0C1642-13		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.324	0.0500	mg/L	0.250	0.0862	95.3	70-130			
Manganese, Total	0.224	0.0100	mg/L	0.250	0.00605	87.2	70-130			
Matrix Spike (B0C1786-MS4)		Source: C0C2492-02		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.262	0.0500	mg/L	0.250	0.0235	95.6	70-130			
Manganese, Total	0.219	0.0100	mg/L	0.250	0.00337	86.2	70-130			
Matrix Spike Dup (B0C1786-MSD1)		Source: C0B5068-01		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.260	0.0500	mg/L	0.250	0.0210	95.8	70-130	0.460	20	
Manganese, Total	0.248	0.0100	mg/L	0.250	0.0482	79.7	70-130	0.828	20	
Matrix Spike Dup (B0C1786-MSD2)		Source: C0C1642-03		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.285	0.0500	mg/L	0.250	0.0531	92.6	70-130	2.91	20	
Manganese, Total	0.214	0.0100	mg/L	0.250	0.00562	83.5	70-130	0.923	20	
Matrix Spike Dup (B0C1786-MSD3)		Source: C0C1642-13		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.329	0.0500	mg/L	0.250	0.0862	97.0	70-130	1.30	20	
Manganese, Total	0.222	0.0100	mg/L	0.250	0.00605	86.3	70-130	0.993	20	
Matrix Spike Dup (B0C1786-MSD4)		Source: C0C2492-02		Prepared: 03/12/20 Analyzed: 03/13/20						
Iron, Total	0.263	0.0500	mg/L	0.250	0.0235	95.8	70-130	0.264	20	
Manganese, Total	0.217	0.0100	mg/L	0.250	0.00337	85.3	70-130	1.04	20	



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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 B0C1787 - EPA 200.7										
Blank (B0C1787-BLK1)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B0C1787-BLK2)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B0C1787-BLK3)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B0C1787-BLK4)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
LCS (B0C1787-BS1)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	25.2	0.500	mg/L	25.0		101	85-115			
Sodium, Total	22.8	0.500	mg/L	25.0		91.3	85-115			
LCS (B0C1787-BS2)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	24.2	0.500	mg/L	25.0		97.0	85-115			
Sodium, Total	23.1	0.500	mg/L	25.0		92.6	85-115			
LCS (B0C1787-BS3)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	23.5	0.500	mg/L	25.0		93.9	85-115			
Sodium, Total	22.3	0.500	mg/L	25.0		89.2	85-115			
LCS (B0C1787-BS4)										
Prepared: 03/12/20 Analyzed: 03/16/20										
Calcium, Total	27.9	0.500	mg/L	25.0		111	85-115			
Sodium, Total	26.9	0.500	mg/L	25.0		108	85-115			



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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 B0C1787 - EPA 200.7										
MRL Check (B0C1787-MRL1)				Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	0.529		mg/L	0.500		106	70-130			
Sodium, Total	0.440		mg/L	0.500		88.1	70-130			
Matrix Spike (B0C1787-MS1)				Source: C0B5068-01 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	84.9	0.500	mg/L	25.0	64.8	80.5	70-130			
Sodium, Total	65.9	0.500	mg/L	25.0	46.7	76.9	70-130			
Matrix Spike (B0C1787-MS2)				Source: C0C1642-03 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	56.6	0.500	mg/L	25.0	36.6	80.0	70-130			
Sodium, Total	74.6	0.500	mg/L	25.0	60.9	55.0	70-130			23
Matrix Spike (B0C1787-MS3)				Source: C0C1642-13 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	54.6	0.500	mg/L	25.0	33.5	84.4	70-130			
Sodium, Total	55.2	0.500	mg/L	25.0	36.4	75.2	70-130			
Matrix Spike (B0C1787-MS4)				Source: C0C2492-02 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	70.4	0.500	mg/L	25.0	48.3	88.5	70-130			
Sodium, Total	53.9	0.500	mg/L	25.0	32.7	85.0	70-130			
Matrix Spike Dup (B0C1787-MSD1)				Source: C0B5068-01 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	84.0	0.500	mg/L	25.0	64.8	76.9	70-130	1.07	20	
Sodium, Total	64.5	0.500	mg/L	25.0	46.7	71.0	70-130	2.27	20	
Matrix Spike Dup (B0C1787-MSD2)				Source: C0C1642-03 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	57.5	0.500	mg/L	25.0	36.6	83.7	70-130	1.61	20	
Sodium, Total	75.6	0.500	mg/L	25.0	60.9	59.0	70-130	1.31	20	23
Matrix Spike Dup (B0C1787-MSD3)				Source: C0C1642-13 Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	54.6	0.500	mg/L	25.0	33.5	84.5	70-130	0.0748	20	
Sodium, Total	55.9	0.500	mg/L	25.0	36.4	77.9	70-130	1.25	20	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_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 B0C1787 - EPA 200.7

Matrix Spike Dup (B0C1787-MSD4)		Source: C0C2492-02		Prepared: 03/12/20 Analyzed: 03/16/20						
Calcium, Total	69.3	0.500	mg/L	25.0	48.3	83.9	70-130	1.64	20	
Sodium, Total	52.9	0.500	mg/L	25.0	32.7	81.0	70-130	1.91	20	

Batch B0C1792 - No Prep

Blank (B0C1792-BLK1)		Prepared & Analyzed: 03/12/20								
Conductivity	ND	10	µmhos/cm @25C							

LCS (B0C1792-BS1)		Prepared & Analyzed: 03/12/20								
Conductivity	999		µmhos/cm @25C	1000		99.9	80-120			

Duplicate (B0C1792-DUP1)		Source: C0B5068-01		Prepared & Analyzed: 03/12/20						
Conductivity	534	10	µmhos/cm @25C		535			0.187	20	



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TCEQ Report ID: **PWS_TX2040024_AC_20200310_WQP Analysis Report**

Qualifiers and Notes

- 23 Spike recovery outside of acceptance limits due to matrix interference.
- 13 LCS associated with sample batch outside of acceptance limits.

PUDS-2040084-AC-20200310-WQP

Completed by Laboratory

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							PO Box 1089															
PWS Contact:	Barry Duke						Laboratory Address:	Coldspring, Texas 77331															
PWS Contact Phone #:	936-200-0405						Laboratory Contact:	Daniel Bowen															
Inhibitor or Stabilizer Used (%):	☒ Phosphate	☐ Silica	☐ Calcium carbonate					Laboratory Contact Phone #:	936-653-3249														
TREATMENT	Alkalinity Dosage Rate:	Inhibitor Dosage Rate:					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 Type (%):	☒ Compliance	☐ Non-compliance																					
Sample Collector (%):	☒ Public Water System	☒ Accredited Lab																					
Temperature and pH (Y or N):	☒ Y	Ave temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TCEQ?	☒ Y	3rd Party Contractor -->	LAB ID	AL																	
Facility ID (e.g., DS01, PBCU001)	Sample Point ID (e.g., DSTWQP, EWQP)	Sample Location	Date (MMDDYY)	Time - 24 hr (HHMM)	pH	Temp (°C)	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) *	
DS01	DSTWQP	4651 Hwy 156	031020	0825	7.13	20.3				CBS068-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	DSTWQP	5981 Hwy 190	031020	0130	7.23	18.7				Solo8-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU001	EWQP	2800 Blk Counts Rd	031020	0120	7.29	20.9				Solo8-03	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU002	EWQP	Raven Hill Rd	031020	0150	7.01	20.1				Solo8-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU003	EWQP	Harvey Bryant Rd	031020	0835	7.09	20.8				Solo8-05	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU004	EWQP	Snow Hill Rd	031020	0810	7.13	23.0				Solo8-06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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 (✓)																			
Caleb Harrison	[Signature]	Eastex Lab	3/10/2020	Rejection Code (if applicable):	Date & Time of Sample Preservation (Acidified):	Thermometer ID #:	Ambient																
Chain of Custody	Relinquished By (Signature)	Relinquished By Courier (Signature)	Date	Received By Lab (Signature)	Date																		
Caleb Harrison	[Signature]	[Signature]	1050	[Signature]	3/10/20																		
Received By Courier (Signature)	Date	Received By Lab (Signature)	Date																				
[Signature]	3/10/20	[Signature]	1050	[Signature]	3/10/20																		



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

REPORT TO:

INVOICE TO:

Company: PB + SC WSC

Company:

Remarks:

Address:

Address:

Attn:

Attn:

Phone#:

Phone#:

Email:

INSTRUCTIONS:

P.O. #:

C or G: C=Composite G=Grab
DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT=Other

Sampler's Name (print):

Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL
6=125mL (4oz) 7=60mL (2 oz) 8=40mL Vial 9=Other

Sampler's Signature:

Type: P=Plastic G=Glass T=Teflon S=Sterile
C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z=Zn Acetate
ST=Sodium Thiosulfate H=HCL O=Other

Project Name:

Field Data

Work Order ID

Containers

Sample ID

Time

Date

Matrix

C or G

DO

pH

Cl2

Flow

Temp

#

Size

Type

Pres

Relinquished By:

Received By:

Relinquished By:

Received By:

Relinquished By:

Received By:

Relinquished By:

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Received By:

Relinquished By:

Received By:

ANALYSIS REQUESTED

WQP

1

Sample Condition Acceptable:

YES / NO

Temp C

*Therm ID

Logged In By:

Received Iced: YES / NO

Date

Time

Date

Time

30

15

3/10/20

3

11:27

*Thermometer has 0.0 factor and recorded temperature is actual temperature