



10 October 2019

C9J0728

Paul Hughes

Eastex Environmental Laboratory - Nacogdoches

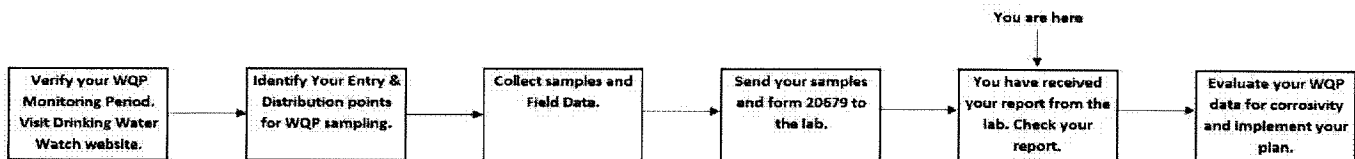
1119 South University Drive

Nacogdoches, TX 75961

RE: Bullard PWS -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
Laboratory Director



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Eastex Environmental Laboratory - Nacogdoches
1119 South University Drive
Nacogdoches TX, 75961

TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-01**
Sampling Point: **EWQP**
Sample Location: **N910973-01 (305 N Rather St)**
State Assigned ID: **PBCU001**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 15:25
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	2.67	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:23	MLJ	EPA 200.7	
Chloride	10.6	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	0.477	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:26	MLJ	EPA 200.7	12, B
Manganese, Total	0.0147	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:26	MLJ	EPA 200.7	
Sodium, Total	73.1	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:23	MLJ	EPA 200.7	12
Sulfate	45.6	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-02**
Sampling Point: **EWQP**
Sample Location: **N910973-02 (2804 S Schoolhouse Rd)**
State Assigned ID: **PBCU002**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 15:55
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	0.657	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:25	MLJ	EPA 200.7	
Chloride	9.5	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	<0.0500	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:31	MLJ	EPA 200.7	12, B
Manganese, Total	<0.0100	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:31	MLJ	EPA 200.7	
Sodium, Total	85.0	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:25	MLJ	EPA 200.7	12
Sulfate	12.7	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-03**
Sampling Point: **EWQP**
Sample Location: **N9I0973-03 (5000 CR 152)**
State Assigned ID: **PBCU004**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 16:10
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	1.02	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:27	MLJ	EPA 200.7	
Chloride	33.2	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	<0.0500	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:35	MLJ	EPA 200.7	12, B
Manganese, Total	<0.0100	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:35	MLJ	EPA 200.7	
Sodium, Total	161	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:27	MLJ	EPA 200.7	12
Sulfate	13.8	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-04**
Sampling Point: **EWQP**
Sample Location: **N9I0973-04 (23455 CR 2137)**
State Assigned ID: **PBCU005**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 15:05
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	1.04	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:29	MLJ	EPA 200.7	
Chloride	28.6	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	0.0687	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:40	MLJ	EPA 200.7	12, B
Manganese, Total	<0.0100	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:40	MLJ	EPA 200.7	
Sodium, Total	151	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:29	MLJ	EPA 200.7	12
Sulfate	10.1	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-05**
Sampling Point: **DSTWQP**
Sample Location: **N9I0973-05 (706 Oak St)**
State Assigned ID: **DS01**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 15:20
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	2.50	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:31	MLJ	EPA 200.7	
Chloride	11.0	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	0.475	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:45	MLJ	EPA 200.7	12, B
Manganese, Total	0.0108	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:45	MLJ	EPA 200.7	
Sodium, Total	77.4	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:31	MLJ	EPA 200.7	12
Sulfate	45.0	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-06**
Sampling Point: **DSTWQP**
Sample Location: **N910973-06 (328 Water St)**
State Assigned ID: **DS01**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 15:35
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	1.66	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:33	MLJ	EPA 200.7	
Chloride	23.9	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	0.352	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:50	MLJ	EPA 200.7	12, B
Manganese, Total	0.0104	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:50	MLJ	EPA 200.7	
Sodium, Total	134	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:33	MLJ	EPA 200.7	12
Sulfate	27.1	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Project: **Bullard PWS -WQP**
Laboratory Sample ID: **C9J0728-07**
Sampling Point: **DSTWQP**
Sample Location: **N910973-07 (215 Tyler St)**
State Assigned ID: **DS01**

Sample Received Date and Time: 10/01/2019 09:30
Sample Date and Time: 09/26/2019 15:45
Sample Matrix: Potable
Sample Type: Grab
Collector: Bob Crain

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
Calcium, Total	1.72	mg/L	0.500	0.0169	P	B9J0945	10/08/2019 13:35	MLJ	EPA 200.7	
Chloride	23.9	mg/L	5.0	1.9	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	
Iron, Total	0.200	mg/L	0.0500	0.00255	A	B9J0946	10/07/2019 22:54	MLJ	EPA 200.7	12. B
Manganese, Total	<0.0100	mg/L	0.0100	0.00311	A	B9J0946	10/07/2019 22:54	MLJ	EPA 200.7	
Sodium, Total	127	mg/L	0.500	0.0287	A	B9J0945	10/08/2019 13:35	MLJ	EPA 200.7	12
Sulfate	27.5	mg/L	4.0	2.0	A	B9J0762	10/04/2019 17:00	AMS	EPA 300.0	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_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 B9J0762 - No Prep

Blank (B9J0762-BLK1)

Prepared & Analyzed: 10/04/19

Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							

LCS (B9J0762-BS1)

Prepared & Analyzed: 10/04/19

Chloride	24.2		mg/L	25.0		96.7	90-110			
Sulfate	19.6		mg/L	20.0		97.9	90-110			

MRL Check (B9J0762-MRL1)

Prepared & Analyzed: 10/04/19

Chloride	5.31		mg/L	5.00		106	70-130			
Sulfate	4.41		mg/L	4.00		110	70-130			

Matrix Spike (B9J0762-MS1)

Source: C9J0727-01

Prepared & Analyzed: 10/04/19

Chloride	134	5.0	mg/L	125	14.7	95.6	80-120			
Sulfate	118	4.0	mg/L	100	26.3	91.5	80-120			

Matrix Spike Dup (B9J0762-MSD1)

Source: C9J0727-01

Prepared & Analyzed: 10/04/19

Chloride	133	5.0	mg/L	125	14.7	94.8	80-120	0.766	20	
Sulfate	118	4.0	mg/L	100	26.3	91.4	80-120	0.0979	20	

Batch B9J0945 - EPA 200.7

Blank (B9J0945-BLK1)

Prepared: 10/07/19 Analyzed: 10/08/19

Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							

Blank (B9J0945-BLK2)

Prepared: 10/07/19 Analyzed: 10/08/19

Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_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 B9J0945 - EPA 200.7										
Blank (B9J0945-BLK3) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B9J0945-BLK4) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B9J0945-BLK5) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B9J0945-BLK6) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
LCS (B9J0945-BS1) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.5	0.500	mg/L	25.0		106	85-115			
Sodium, Total	27.9	0.500	mg/L	25.0		111	85-115			
LCS (B9J0945-BS2) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	27.1	0.500	mg/L	25.0		108	85-115			
Sodium, Total	27.8	0.500	mg/L	25.0		111	85-115			
LCS (B9J0945-BS3) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.8	0.500	mg/L	25.0		107	85-115			
Sodium, Total	28.7	0.500	mg/L	25.0		115	85-115			
LCS (B9J0945-BS4) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.2	0.500	mg/L	25.0		105	85-115			
Sodium, Total	28.4	0.500	mg/L	25.0		113	85-115			



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_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 B9J0945 - EPA 200.7										
LCS (B9J0945-BS5) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.6	0.500	mg/L	25.0		106	85-115			
Sodium, Total	28.2	0.500	mg/L	25.0		113	85-115			
LCS (B9J0945-BS6) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.5	0.500	mg/L	25.0		106	85-115			
Sodium, Total	28.3	0.500	mg/L	25.0		113	85-115			
MRL Check (B9J0945-MRL1) Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	0.556		mg/L	0.500		111	70-130			
Sodium, Total	0.591		mg/L	0.500		118	70-130			
Matrix Spike (B9J0945-MS1) Source: C9I3159-01 Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	88.3	0.500	mg/L	25.0	61.6	107	70-130			
Sodium, Total	93.2	0.500	mg/L	25.0	71.0	88.9	70-130			
Matrix Spike (B9J0945-MS2) Source: C9I4218-06 Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	47.1	0.500	mg/L	25.0	20.2	108	70-130			
Sodium, Total	36.3	0.500	mg/L	25.0	9.07	109	70-130			
Matrix Spike (B9J0945-MS3) Source: C9I5147-01 Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	65.5	0.500	mg/L	25.0	37.7	111	70-130			
Sodium, Total	59.9	0.500	mg/L	25.0	31.2	115	70-130			
Matrix Spike (B9J0945-MS4) Source: C9I5195-02 Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.4	0.500	mg/L	25.0	0.336	104	70-130			
Sodium, Total	130	0.500	mg/L	25.0	112	70.6	70-130			
Matrix Spike (B9J0945-MS5) Source: C9I5742-03 Prepared: 10/07/19 Analyzed: 10/08/19										
Calcium, Total	26.4	0.500	mg/L	25.0	0.200	105	70-130			
Sodium, Total	120	0.500	mg/L	25.0	102	70.6	70-130			



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_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 B9J0945 - EPA 200.7										
Matrix Spike (B9J0945-MS6)		Source: C9J0730-02		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	26.9	0.500	mg/L	25.0	1.34	102	70-130			
Sodium, Total	32.6	0.500	mg/L	25.0	5.39	109	70-130			
Matrix Spike Dup (B9J0945-MSD1)		Source: C9I3159-01		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	92.5	0.500	mg/L	25.0	61.6	124	70-130	4.58	20	
Sodium, Total	98.4	0.500	mg/L	25.0	71.0	110	70-130	5.41	20	
Matrix Spike Dup (B9J0945-MSD2)		Source: C9I4218-06		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	46.3	0.500	mg/L	25.0	20.2	105	70-130	1.58	20	
Sodium, Total	36.5	0.500	mg/L	25.0	9.07	110	70-130	0.582	20	
Matrix Spike Dup (B9J0945-MSD3)		Source: C9I5147-01		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	65.0	0.500	mg/L	25.0	37.7	109	70-130	0.765	20	
Sodium, Total	59.0	0.500	mg/L	25.0	31.2	111	70-130	1.49	20	
Matrix Spike Dup (B9J0945-MSD4)		Source: C9I5195-02		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	26.7	0.500	mg/L	25.0	0.336	105	70-130	1.08	20	
Sodium, Total	135	0.500	mg/L	25.0	112	89.1	70-130	3.49	20	
Matrix Spike Dup (B9J0945-MSD5)		Source: C9I5742-03		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	26.9	0.500	mg/L	25.0	0.200	107	70-130	1.78	20	
Sodium, Total	121	0.500	mg/L	25.0	102	74.6	70-130	0.827	20	
Matrix Spike Dup (B9J0945-MSD6)		Source: C9J0730-02		Prepared: 10/07/19 Analyzed: 10/08/19						
Calcium, Total	27.6	0.500	mg/L	25.0	1.34	105	70-130	2.66	20	
Sodium, Total	34.2	0.500	mg/L	25.0	5.39	115	70-130	4.70	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 B9J0946 - EPA 200.7										
Blank (B9J0946-BLK1)				Prepared & Analyzed: 10/07/19						
Iron, Total	ND	0.0500	mg/L							B
Manganese, Total	ND	0.0100	mg/L							
Blank (B9J0946-BLK2)				Prepared & Analyzed: 10/07/19						
Iron, Total	ND	0.0500	mg/L							B
Manganese, Total	ND	0.0100	mg/L							
Blank (B9J0946-BLK3)				Prepared & Analyzed: 10/07/19						
Iron, Total	ND	0.0500	mg/L							B
Manganese, Total	ND	0.0100	mg/L							
Blank (B9J0946-BLK4)				Prepared & Analyzed: 10/07/19						
Iron, Total	ND	0.0500	mg/L							B
Manganese, Total	ND	0.0100	mg/L							
Blank (B9J0946-BLK5)				Prepared & Analyzed: 10/07/19						
Iron, Total	ND	0.0500	mg/L							B
Manganese, Total	ND	0.0100	mg/L							
Blank (B9J0946-BLK6)				Prepared & Analyzed: 10/07/19						
Iron, Total	ND	0.0500	mg/L							B
Manganese, Total	ND	0.0100	mg/L							
LCS (B9J0946-BS1)				Prepared & Analyzed: 10/07/19						
Iron, Total	0.266	0.0500	mg/L	0.250		106	85-115			B
Manganese, Total	0.257	0.0100	mg/L	0.250		103	85-115			
LCS (B9J0946-BS2)				Prepared & Analyzed: 10/07/19						
Iron, Total	0.237	0.0500	mg/L	0.250		94.7	85-115			B
Manganese, Total	0.277	0.0100	mg/L	0.250		111	85-115			



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Eastex Environmental Laboratory - Nacogdoches
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TCEQ Report ID: **PWS_TX2120006_AC_20190926_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 B9J0946 - EPA 200.7										
LCS (B9J0946-BS3)				Prepared & Analyzed: 10/07/19						
Iron, Total	0.265	0.0500	mg/L	0.250		106	85-115			B
Manganese, Total	0.265	0.0100	mg/L	0.250		106	85-115			
LCS (B9J0946-BS4)				Prepared & Analyzed: 10/07/19						
Iron, Total	0.263	0.0500	mg/L	0.250		105	85-115			B
Manganese, Total	0.242	0.0100	mg/L	0.250		97.0	85-115			
LCS (B9J0946-BS5)				Prepared & Analyzed: 10/07/19						
Iron, Total	0.281	0.0500	mg/L	0.250		112	85-115			B
Manganese, Total	0.257	0.0100	mg/L	0.250		103	85-115			
LCS (B9J0946-BS6)				Prepared & Analyzed: 10/07/19						
Iron, Total	0.265	0.0500	mg/L	0.250		106	85-115			B
Manganese, Total	0.269	0.0100	mg/L	0.250		107	85-115			
Matrix Spike (B9J0946-MS1)		Source: C9I3159-01		Prepared & Analyzed: 10/07/19						
Iron, Total	0.362	0.0500	mg/L	0.250	0.0401	129	70-130			B
Manganese, Total	0.248	0.0100	mg/L	0.250	ND	99.4	70-130			
Matrix Spike (B9J0946-MS2)		Source: C9I4218-06		Prepared & Analyzed: 10/07/19						
Iron, Total	0.300	0.0500	mg/L	0.250	ND	120	70-130			B
Manganese, Total	0.272	0.0100	mg/L	0.250	0.00541	106	70-130			
Matrix Spike (B9J0946-MS3)		Source: C9I5147-01		Prepared & Analyzed: 10/07/19						
Iron, Total	0.310	0.0500	mg/L	0.250	0.0292	112	70-130			B
Manganese, Total	0.265	0.0100	mg/L	0.250	0.00328	105	70-130			
Matrix Spike (B9J0946-MS4)		Source: C9I5195-02		Prepared & Analyzed: 10/07/19						
Iron, Total	0.282	0.0500	mg/L	0.250	0.0454	94.8	70-130			B
Manganese, Total	0.228	0.0100	mg/L	0.250	ND	91.2	70-130			



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_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 B9J0946 - EPA 200.7										
Matrix Spike (B9J0946-MS5)		Source: C9I5742-03		Prepared & Analyzed: 10/07/19						
Iron, Total	0.326	0.0500	mg/L	0.250	0.0443	113	70-130			B
Manganese, Total	0.254	0.0100	mg/L	0.250	ND	102	70-130			
Matrix Spike (B9J0946-MS6)		Source: C9J0730-02		Prepared & Analyzed: 10/07/19						
Iron, Total	0.289	0.0500	mg/L	0.250	0.00968	112	70-130			B
Manganese, Total	0.260	0.0100	mg/L	0.250	0.00403	102	70-130			
Matrix Spike Dup (B9J0946-MSD1)		Source: C9I3159-01		Prepared & Analyzed: 10/07/19						
Iron, Total	0.388	0.0500	mg/L	0.250	0.0401	139	70-130	7.11	20	B
Manganese, Total	0.267	0.0100	mg/L	0.250	ND	107	70-130	7.26	20	
Matrix Spike Dup (B9J0946-MSD2)		Source: C9I4218-06		Prepared & Analyzed: 10/07/19						
Iron, Total	0.313	0.0500	mg/L	0.250	ND	125	70-130	4.19	20	B
Manganese, Total	0.278	0.0100	mg/L	0.250	0.00541	109	70-130	2.34	20	
Matrix Spike Dup (B9J0946-MSD3)		Source: C9I5147-01		Prepared & Analyzed: 10/07/19						
Iron, Total	0.286	0.0500	mg/L	0.250	0.0292	103	70-130	7.94	20	B
Manganese, Total	0.248	0.0100	mg/L	0.250	0.00328	98.1	70-130	6.50	20	
Matrix Spike Dup (B9J0946-MSD4)		Source: C9I5195-02		Prepared & Analyzed: 10/07/19						
Iron, Total	0.247	0.0500	mg/L	0.250	0.0454	80.6	70-130	13.5	20	B
Manganese, Total	0.233	0.0100	mg/L	0.250	ND	93.1	70-130	2.05	20	
Matrix Spike Dup (B9J0946-MSD5)		Source: C9I5742-03		Prepared & Analyzed: 10/07/19						
Iron, Total	0.310	0.0500	mg/L	0.250	0.0443	106	70-130	5.07	20	B
Manganese, Total	0.238	0.0100	mg/L	0.250	ND	95.2	70-130	6.63	20	
Matrix Spike Dup (B9J0946-MSD6)		Source: C9J0730-02		Prepared & Analyzed: 10/07/19						
Iron, Total	0.272	0.0500	mg/L	0.250	0.00968	105	70-130	5.85	20	B
Manganese, Total	0.243	0.0100	mg/L	0.250	0.00403	95.5	70-130	6.90	20	



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TCEQ Report ID: **PWS_TX2120006_AC_20190926_WQP Analysis Report**

Qualifiers and Notes

- B Analyte detected in Method Blank.
- 12 CCV associated with sample batch did not meet acceptance criteria.

TCEQ 20679 (Rev 01/2018)

PWS-2120006-AC-2090920-000P

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER QUALITY PARAMETER MONITORING FORM 20679

Completed by PWS (or Agent)

PWS Name: BULLARD PWS		Laboratory Name:	
PWS ID#: TX 2120006		TCEQ Lab ID #:	
PWS Address: P.O. BOX 107 BULLARD, TX. 75617		Laboratory Address:	
PWS Contact: DAVID HORTMAN		Laboratory Contact:	
PWS Contact Phone #: (903) 283-1614		Laboratory Contact Phone #:	
Inhibitor or Stabilizer Used (✓):	Alkalinity Dosage Rate:	Calcium carbonate	
TREATMENT	Inhibitor Dosage Rate:		

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

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)																
PBCU001	EWQP	305 N. FATHER ST BULLARD, TX.	092619	1525	7.24	29.2				N91097301	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU002	EWQP	2604 SCHOOLHOUSE RD BULLARD, TX.	092619	1555	8.21	26.7				N91097302	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU004	EWQP	5000 C.K. 152 BULLARD, TX.	092619	1610	8.35	29.9				N91097303	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU005	EWQP	23455 FAY ST BULLARD, TX.	092619	1505	8.41	30.8				N91097304	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Name of Authorized PWS Representative (Print)		Signature	Organization	Date
Bob Clark		Bob Clark	EAST TEX ENV LAB	092619
Chain of Custody	Relinquished By (Signature)	Relinquished By Courier (Signature)	Date/Time:	Date/Time:
Bob Clark	Bob Clark	Bob Clark	092619 1725	092619 1725
Received By Courier (Signature)	Received By Lab (Signature)	Laboratory Comments:		
	John	Thermometer ID #: 016		

