



P.O. Box 1089 Coldspring Tx 77331
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15 June 2020

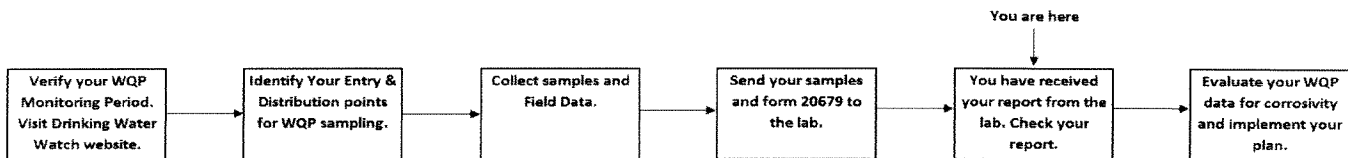
C0E3181

Water District Management
Harris County MUD 11
P.O. Box 579
Spring, TX 77383

RE: HC 11 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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Harris County MUD 11
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Spring TX, 77383

TCEQ Report ID: **PWS_TX1010426_AC_20200515_WQP Analysis Report**

Project: **HC 11 WQP**
Laboratory Sample ID: **C0E3181-01**
Sampling Point: **DSTWQP**
Sample Location: **13206 Woodsdale Ct**
State Assigned ID: **DS01**

Sample Received Date and Time: 05/15/2020 12:00
Sample Date and Time: 05/15/2020 10:18
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	B0E2053	05/15/2020 10:18	DCH	SM 4500 H + B	
Temp	27	degrees C			P	B0E2053	05/15/2020 10:18	DCH	SM 2550	
Alkalinity	154	mg CaCO3/L	20	9	P	B0E2165	05/19/2020 11:15	KMW	SM 2320 B	
Calcium, Total	48.7	mg/L	2.50	0.0879	P	B0E3318	06/01/2020 09:47	LAN	EPA 200.7	23
Chloride	59.6	mg/L	5.0	1.9	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
Conductivity	524	µmhos/cm @25C	10	0.3	A	B0E2508	05/21/2020 13:56	NLS	SM 2510 B	
Hardness	130	mg CaCO3/L	5.00	1.50	A	B0E2162	05/18/2020 14:20	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3315	05/29/2020 12:52	LAN	EPA 200.7	
Manganese, Total	<0.0100	mg/L	0.0100	0.00310	A	B0E3315	05/29/2020 12:52	LAN	EPA 200.7	
Orthophosphate as P	0.049	mg/L	0.02	0.006	P	B0E2064	05/15/2020 13:55	LAN	SM 4500 P E	
Sodium, Total	65.1	mg/L	2.50	0.111	A	B0E3318	06/01/2020 09:47	LAN	EPA 200.7	23
Sulfate	7.8	mg/L	4.0	2.0	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
TDS	244	mg/L	10.0	10.0	A	B0E2496	05/20/2020 16:06	NLS	SM 2540 C	

DRAFT REPORT

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WQP Report V.3 05162019

Print date and time: 6/15/2020 4:01:11PM

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TCEQ Report ID: **PWS_TX1010426_AC_20200515_WQP Analysis Report**

Project: **HC 11 WQP**
Laboratory Sample ID: **C0E3181-02**
Sampling Point: **DSTWQP**
Sample Location: **2603 Lemonwood Ln**
State Assigned ID: **DS01**

Sample Received Date and Time: 05/15/2020 12:00
Sample Date and Time: 05/15/2020 10:26
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	B0E2053	05/15/2020 10:26	DCH	SM 4500 H + B	
Temp	27	degrees C			P	B0E2053	05/15/2020 10:26	DCH	SM 2550	
Alkalinity	156	mg CaCO3/L	20	9	P	B0E2165	05/19/2020 11:15	KMW	SM 2320 B	
Calcium, Total	48.2	mg/L	2.50	0.0879	P	B0E3318	06/01/2020 09:49	LAN	EPA 200.7	23
Chloride	59.5	mg/L	5.0	1.9	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
Conductivity	514	µmhos/cm @25C	10	0.3	A	B0E2508	05/21/2020 13:56	NLS	SM 2510 B	
Hardness	131	mg CaCO3/L	5.00	1.50	A	B0E2162	05/18/2020 14:20	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3315	05/29/2020 12:58	LAN	EPA 200.7	
Manganese, Total	<0.0100	mg/L	0.0100	0.00310	A	B0E3315	05/29/2020 12:58	LAN	EPA 200.7	
Orthophosphate as P	0.03	mg/L	0.02	0.006	P	B0E2064	05/15/2020 13:55	LAN	SM 4500 P E	
Sodium, Total	60.5	mg/L	2.50	0.111	A	B0E3318	06/01/2020 09:49	LAN	EPA 200.7	23
Sulfate	8.0	mg/L	4.0	2.0	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
TDS	204	mg/L	10.0	10.0	A	B0E2496	05/20/2020 16:06	NLS	SM 2540 C	

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TCEQ Report ID: **PWS_TX1010426_AC_20200515_WQP Analysis Report**

Project: **HC 11 WQP**
Laboratory Sample ID: **C0E3181-03**
Sampling Point: **DSTWQP**
Sample Location: **13538 Wood Terrace Dr**
State Assigned ID: **DS01**

Sample Received Date and Time: 05/15/2020 12:00
Sample Date and Time: 05/15/2020 10:36
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	B0E2053	05/15/2020 10:36	DCH	SM 4500 H + B	
Temp	26	degrees C			P	B0E2053	05/15/2020 10:36	DCH	SM 2550	
Alkalinity	152	mg CaCO3/L	20	9	P	B0E2165	05/19/2020 11:15	KMW	SM 2320 B	
Calcium, Total	48.3	mg/L	2.50	0.0879	P	B0E3318	06/01/2020 09:51	LAN	EPA 200.7	23
Chloride	59.3	mg/L	5.0	1.9	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
Conductivity	517	µmhos/cm @25C	10	0.3	A	B0E2508	05/21/2020 13:56	NLS	SM 2510 B	
Hardness	132	mg CaCO3/L	5.00	1.50	A	B0E2162	05/18/2020 14:20	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3315	05/29/2020 13:03	LAN	EPA 200.7	
Manganese, Total	<0.0100	mg/L	0.0100	0.00310	A	B0E3315	05/29/2020 13:03	LAN	EPA 200.7	
Orthophosphate as P	0.025	mg/L	0.02	0.006	P	B0E2064	05/15/2020 13:55	LAN	SM 4500 P E	
Sodium, Total	60.6	mg/L	2.50	0.111	A	B0E3318	06/01/2020 09:51	LAN	EPA 200.7	23
Sulfate	8.0	mg/L	4.0	2.0	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
TDS	280	mg/L	10.0	10.0	A	B0E2496	05/20/2020 16:06	NLS	SM 2540 C	

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Project: **HC 11 WQP**
Laboratory Sample ID: **C0E3181-04**
Sampling Point: **EWQP**
Sample Location: **Mystic Wood Dr**
State Assigned ID: **PBCU001**

Sample Received Date and Time: 05/15/2020 12:00
Sample Date and Time: 05/15/2020 10:05
Sample Matrix: Potable
Sample Type: Grab
Collector: DCH

TCEQ Report ID: **PWS_TX1010426_AC_20200515_WQP Analysis Report**

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	8.1	std unit			P	B0E2053	05/15/2020 10:05	DCH	SM 4500 H + B	
Temp	28	degrees C			P	B0E2053	05/15/2020 10:05	DCH	SM 2550	
Alkalinity	156	mg CaCO3/L	20	9	P	B0E2165	05/19/2020 11:15	KMW	SM 2320 B	
Calcium, Total	52.1	mg/L	2.50	0.0879	P	B0E3318	06/01/2020 09:53	LAN	EPA 200.7	23
Chloride	59.9	mg/L	5.0	1.9	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
Conductivity	516	µmhos/cm @25C	10	0.3	A	B0E2506	05/21/2020 13:45	NLS	SM 2510 B	
Hardness	132	mg CaCO3/L	5.00	1.50	A	B0E2162	05/18/2020 14:20	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B0E3315	05/29/2020 13:07	LAN	EPA 200.7	
Manganese, Total	<0.0100	mg/L	0.0100	0.00310	A	B0E3315	05/29/2020 13:07	LAN	EPA 200.7	
Orthophosphate as P	0.022	mg/L	0.02	0.006	P	B0E2064	05/15/2020 13:55	LAN	SM 4500 P E	
Sodium, Total	64.2	mg/L	2.50	0.111	A	B0E3318	06/01/2020 09:53	LAN	EPA 200.7	23
Sulfate	8.1	mg/L	4.0	2.0	A	B0E2247	05/19/2020 17:00	AMS	EPA 300.0	
TDS	276	mg/L	10.0	10.0	A	B0E2496	05/20/2020 16:06	NLS	SM 2540 C	

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TCEQ Report ID: PWS_TX1010426_AC_20200515_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 B0E2064 - No Prep

Blank (B0E2064-BLK1)				Prepared & Analyzed: 05/15/20						
Orthophosphate as P	ND	0.02	mg/L							
LCS (B0E2064-BS1)				Prepared & Analyzed: 05/15/20						
Orthophosphate as P	0.261		mg/L	0.250		104	90-110			
MRL Check (B0E2064-MRL1)				Prepared & Analyzed: 05/15/20						
Orthophosphate as P	0.039		mg/L	0.0400		97.5	70-130			
Matrix Spike (B0E2064-MS1)				Source: C0E3181-01		Prepared & Analyzed: 05/15/20				
Orthophosphate as P	0.293	0.02	mg/L	0.250	0.049	97.6	80-120			
Matrix Spike Dup (B0E2064-MSD1)				Source: C0E3181-01		Prepared & Analyzed: 05/15/20				
Orthophosphate as P	0.276	0.02	mg/L	0.250	0.049	90.8	80-120	5.98	20	

Batch B0E2162 - No Prep

Blank (B0E2162-BLK1)				Prepared & Analyzed: 05/18/20						
Hardness	ND	5.00	mg CaCO3/L							
LCS (B0E2162-BS1)				Prepared & Analyzed: 05/18/20						
Hardness	100		mg CaCO3/L	100		100	80-120			
MRL Check (B0E2162-MRL1)				Prepared & Analyzed: 05/18/20						
Hardness	5.00		mg CaCO3/L	5.00		100	70-130			
Matrix Spike (B0E2162-MS1)				Source: C0E2643-01		Prepared & Analyzed: 05/18/20				
Hardness	564	5.00	mg CaCO3/L	500	65.0	99.8	80-120			

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WQP Report V.3 05162019

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TCEQ Report ID: **PWS_TX1010426_AC_20200515_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
Batch B0E2162 - No Prep										
Matrix Spike Dup (B0E2162-MSD1)		Source: C0E2643-01			Prepared & Analyzed: 05/18/20					
Hardness	565	5.00	mg CaCO3/L	500	65.0	100	80-120	0.177	20	
Batch B0E2165 - No Prep										
Blank (B0E2165-BLK1)		Prepared & Analyzed: 05/19/20								
Alkalinity	ND	20	mg CaCO3/L							
LCS (B0E2165-BS1)		Prepared & Analyzed: 05/19/20								
Alkalinity	46		mg CaCO3/L	50.0		92.0	80-120			
Duplicate (B0E2165-DUP1)		Source: C0E2643-01			Prepared & Analyzed: 05/19/20					
Alkalinity	154	20	mg CaCO3/L		156			1.29	20	
MRL Check (B0E2165-MRL1)		Prepared & Analyzed: 05/19/20								
Alkalinity	20		mg CaCO3/L	20.0		100	70-130			
Batch B0E2247 - No Prep										
Blank (B0E2247-BLK1)		Prepared & Analyzed: 05/19/20								
Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							
LCS (B0E2247-BS1)		Prepared & Analyzed: 05/19/20								
Chloride	23.9		mg/L	25.0		95.7	90-110			
Sulfate	23.9		mg/L	25.0		95.5	90-110			

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TCEQ Report ID: **PWS_TX1010426_AC_20200515_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 B0E2247 - No Prep

MRL Check (B0E2247-MRL1)

Prepared & Analyzed: 05/19/20

Chloride	5.31		mg/L	5.00		106	70-130			
Sulfate	4.58		mg/L	4.00		114	70-130			

Matrix Spike (B0E2247-MS1)

Source: C0E2643-01

Prepared & Analyzed: 05/19/20

Chloride	158	5.0	mg/L	125	33.8	99.1	80-120			
Sulfate	138	4.0	mg/L	125	12.6	100	80-120			

Matrix Spike Dup (B0E2247-MSD1)

Source: C0E2643-01

Prepared & Analyzed: 05/19/20

Chloride	157	5.0	mg/L	125	33.8	98.9	80-120	0.201	20	
Sulfate	137	4.0	mg/L	125	12.6	99.8	80-120	0.161	20	

Batch B0E2496 - No Prep

Blank (B0E2496-BLK1)

Prepared & Analyzed: 05/20/20

TDS	ND	10.0	mg/L							
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LCS (B0E2496-BS1)

Prepared & Analyzed: 05/20/20

TDS	308		mg/L	300		103	80-120			
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Duplicate (B0E2496-DUP1)

Source: C0E3108-01

Prepared & Analyzed: 05/20/20

TDS	8590	10.0	mg/L		8360			2.64	10	
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MRL Check (B0E2496-MRL1)

Prepared & Analyzed: 05/20/20

TDS	12.0		mg/L	10.0		120	70-130			
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Batch B0E2506 - No Prep

Blank (B0E2506-BLK1)

Prepared & Analyzed: 05/21/20

Conductivity	ND	10	µmhos/cm @25C							
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TCEQ Report ID: **PWS_TX1010426_AC_20200515_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 B0E2506 - No Prep

LCS (B0E2506-BS1)

Prepared & Analyzed: 05/21/20

Conductivity	999	10	µmhos/cm @25C				80-120			
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Duplicate (B0E2506-DUP1)

Source: C0E2643-01

Prepared & Analyzed: 05/21/20

Conductivity	440	10	µmhos/cm @25C		449			2.02	20	
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Batch B0E2508 - No Prep

Blank (B0E2508-BLK1)

Prepared & Analyzed: 05/21/20

Conductivity	ND	10	µmhos/cm @25C							
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LCS (B0E2508-BS1)

Prepared & Analyzed: 05/21/20

Conductivity	1004	10	µmhos/cm @25C				80-120			
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Duplicate (B0E2508-DUP1)

Source: C0E3181-01

Prepared & Analyzed: 05/21/20

Conductivity	521	10	µmhos/cm @25C		524			0.574	20	
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Batch B0E3315 - EPA 200.7

Blank (B0E3315-BLK1)

Prepared: 05/27/20 Analyzed: 05/29/20

Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							

Blank (B0E3315-BLK2)

Prepared: 05/27/20 Analyzed: 05/29/20

Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							

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TCEQ Report ID: **PWS_TX1010426_AC_20200515_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 B0E3315 - EPA 200.7										
Blank (B0E3315-BLK3)										
				Prepared: 05/27/20 Analyzed: 05/29/20						
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
LCS (B0E3315-BS1)										
				Prepared: 05/27/20 Analyzed: 05/29/20						
Iron, Total	0.266	0.150	mg/L	0.250		106	85-115			
Manganese, Total	0.227	0.0100	mg/L	0.250		90.9	85-115			
LCS (B0E3315-BS2)										
				Prepared: 05/27/20 Analyzed: 05/29/20						
Iron, Total	0.245	0.150	mg/L	0.250		98.0	85-115			
Manganese, Total	0.221	0.0100	mg/L	0.250		88.5	85-115			
LCS (B0E3315-BS3)										
				Prepared: 05/27/20 Analyzed: 05/29/20						
Iron, Total	0.241	0.150	mg/L	0.250		96.4	85-115			
Manganese, Total	0.221	0.0100	mg/L	0.250		88.5	85-115			
MRL Check (B0E3315-MRL1)										
				Prepared: 05/27/20 Analyzed: 05/29/20						
Iron, Total	0.132		mg/L	0.150		88.0	70-130			
Manganese, Total	0.00914		mg/L	0.0100		91.4	70-130			
Matrix Spike (B0E3315-MS1)										
				Source: C0E1715-01		Prepared: 05/27/20 Analyzed: 05/29/20				
Iron, Total	1.87	0.150	mg/L	0.250	1.65	86.1	70-130			
Manganese, Total	0.258	0.0100	mg/L	0.250	0.0310	90.8	70-130			
Matrix Spike (B0E3315-MS2)										
				Source: C0E3022-02		Prepared: 05/27/20 Analyzed: 05/29/20				
Iron, Total	2.76	0.150	mg/L	0.250	2.69	27.1	70-130			23
Manganese, Total	0.323	0.0100	mg/L	0.250	0.108	86.1	70-130			
Matrix Spike (B0E3315-MS3)										
				Source: C0E3734-02		Prepared: 05/27/20 Analyzed: 05/29/20				
Iron, Total	0.564	0.150	mg/L	0.250	0.310	102	70-130			
Manganese, Total	0.230	0.0100	mg/L	0.250	0.00529	89.8	70-130			

DRAFT REPORT

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Harris County MUD 11
P.O. Box 579
Spring TX, 77383

TCEQ Report ID: **PWS_TX1010426_AC_20200515_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 B0E3315 - EPA 200.7

Matrix Spike Dup (B0E3315-MSD1)

Source: C0E1715-01

Prepared: 05/27/20 Analyzed: 05/29/20

Iron, Total	1.93	0.150	mg/L	0.250	1.65	110	70-130	3.13	20	
Manganese, Total	0.261	0.0100	mg/L	0.250	0.0310	92.0	70-130	1.11	20	

Matrix Spike Dup (B0E3315-MSD2)

Source: C0E3022-02

Prepared: 05/27/20 Analyzed: 05/29/20

Iron, Total	2.72	0.150	mg/L	0.250	2.69	11.5	70-130	1.43	20	23
Manganese, Total	0.314	0.0100	mg/L	0.250	0.108	82.4	70-130	2.88	20	

Matrix Spike Dup (B0E3315-MSD3)

Source: C0E3734-02

Prepared: 05/27/20 Analyzed: 05/29/20

Iron, Total	0.557	0.150	mg/L	0.250	0.310	98.8	70-130	1.33	20	
Manganese, Total	0.226	0.0100	mg/L	0.250	0.00529	88.3	70-130	1.61	20	

Batch B0E3318 - EPA 200.7

Blank (B0E3318-BLK1)

Prepared: 05/27/20 Analyzed: 06/01/20

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

Blank (B0E3318-BLK2)

Prepared: 05/27/20 Analyzed: 06/01/20

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

Blank (B0E3318-BLK3)

Prepared: 05/27/20 Analyzed: 06/01/20

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

LCS (B0E3318-BS1)

Prepared: 05/27/20 Analyzed: 06/01/20

Calcium, Total	24.9	0.500	mg/L	25.0		99.4	85-115			
Sodium, Total	28.2	0.500	mg/L	25.0		113	85-115			

DRAFT REPORT

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WQP Report V.3 05162019

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Harris County MUD 11
P.O. Box 579
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TCEQ Report ID: **PWS_TX1010426_AC_20200515_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 B0E3318 - EPA 200.7										
LCS (B0E3318-BS2) Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	24.0	0.500	mg/L	25.0		96.1	85-115			
Sodium, Total	25.2	0.500	mg/L	25.0		101	85-115			
LCS (B0E3318-BS3) Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	23.7	0.500	mg/L	25.0		94.7	85-115			
Sodium, Total	24.4	0.500	mg/L	25.0		97.8	85-115			
MRL Check (B0E3318-MRL1) Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	0.470		mg/L	0.500		94.0	70-130			
Sodium, Total	0.597		mg/L	0.500		119	70-130			
Matrix Spike (B0E3318-MS1) Source: C0E1715-01 Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	337	2.50	mg/L	125	61.8	220	70-130			23
Sodium, Total	264	2.50	mg/L	125	34.9	183	70-130			23
Matrix Spike (B0E3318-MS2) Source: C0E3022-01 Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	384	2.50	mg/L	125	64.9	255	70-130			23
Sodium, Total	275	2.50	mg/L	125	51.3	179	70-130			23
Matrix Spike (B0E3318-MS3) Source: C0E3734-02 Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	262	2.50	mg/L	125	33.9	183	70-130			23
Sodium, Total	381	2.50	mg/L	125	94.2	230	70-130			23
Matrix Spike Dup (B0E3318-MSD1) Source: C0E1715-01 Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	334	2.50	mg/L	125	61.8	218	70-130	0.789	20	23
Sodium, Total	256	2.50	mg/L	125	34.9	177	70-130	2.97	20	23
Matrix Spike Dup (B0E3318-MSD2) Source: C0E3022-01 Prepared: 05/27/20 Analyzed: 06/01/20										
Calcium, Total	389	2.50	mg/L	125	64.9	259	70-130	1.35	20	23
Sodium, Total	278	2.50	mg/L	125	51.3	181	70-130	1.26	20	23

DRAFT REPORT

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WQP Report V.3 05162019

Print date and time: 6/15/2020 4:01:11PM

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Harris County MUD 11
P.O. Box 579
Spring TX, 77383

TCEQ Report ID: **PWS_TX1010426_AC_20200515_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 B0E3318 - EPA 200.7

Matrix Spike Dup (B0E3318-MSD3)

Source: C0E3734-02

Prepared: 05/27/20 Analyzed: 06/01/20

Calcium, Total	262	2.50	mg/L	125	33.9	183	70-130	0.00916	20	23
Sodium, Total	386	2.50	mg/L	125	94.2	233	70-130	1.20	20	23

DRAFT REPORT

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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WQP Report V.3 05162019

Print date and time: 6/15/2020 4:01:11PM

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TCEQ Report ID: **PWS_TX1010426_AC_20200515_WQP Analysis Report**

Qualifiers and Notes

23 Spike recovery outside of acceptance limits due to matrix interference.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER QUALITY PARAMETER MONITORING FORM 20679

WQS-1010426-PC-2000515-1000

Completed by PWS (or Agent)										Completed by Laboratory												
PWS Name: Harris County MUD 11					Laboratory Name: Eastex Environmental Laboratory																	
PWS ID #: TX1010426					TCEQ Lab ID #: TX203																	
PWS Address: P.O. Box 579 Spring, TX 77383					PO Box 1089																	
PWS Contact: Sharon Salinas					Coldspring, Texas 77331																	
PWS Contact Phone #: 281-734-6820					Daniel Bowen																	
Inhibitor or Stabilizer Used (Y/N): ☒ Phosphate					Silica					Calcium carbonate												
TREATMENT					Alkalinity Dosage Rate:					Laboratory Contact Phone #:												
Sample Information										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 (Y/N): ☒ Compliance					Non-compliance					3rd Party Contractor --> LAB ID												
Sample Collector (Y/N): ☒ Public Water System					Accredited Lab					AL												
Temperature and pH (Y or N): ☒ Y					Are temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TCEQ?					Were temperature and pH measured in the field within 15 minutes of sample collection?												
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 13206	Woodseate of Woodsgate Ln	051520	1018	8.0	26.7				OE3181-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	DSTWQP 2603	Lemonwood Ln	051520	1026	8.0	26.9				OE3181-03	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	DSTWQP 13538	Wood Terrace Dr	051520	1036	8.0	26.4				OE3181-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU001	EWQP	Mystic Wood Dr	051520	1005	8.1	27.8					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Name of Authorized PWS Representative (Print) Signature										Organization Date												
Caleb Horner										Eastex Lab 05152020												
Relinquished By (Signature) Date										Relinquished By Courier (Signature) Date												
Received By Courier (Signature) Date										Received By Lab (Signature) Date												
TCEQ 20679 (Rev 01/2018)										Laboratory Comments: 5-15-20 12:10 15												



EASTEX ENVIRONMENTAL LABORATORY, INC.

P.O. Box 1089 * Coldspring, TX 77331 P.O. Box 631375 * Nacogdoches, TX 75963-1375
(936) 563-3249 * (800) 525-0508 (936) 569-8879 * FAX (936) 569-8951

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

REPORT TO:

INVOICE TO:

Company: W.D.M.C.

Company:

Remarks:

Address:

Address:

Attn:

Attn:

Phone#:

Phone#:

Email:

INSTRUCTIONS:

P.O. #:

C or G: C=Composite G=Grab

Sampler's Name (print):

DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT=Other

Sampler's Signature:

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

Project Name:

Type: P=Plastic G=Glass T=Teflon S=Sterile

Work Order ID

Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z=Zn Acetate
ST=Sodium Thiosulfate H=HCL O=Other

Sample ID

Field Data

Containers

Date

Time

Matrix

C or G

DO

pH

Cl2

Flow

Temp

#

Size

Type

Pres

Relinquished By:

Received By:

Date

Time

Received Iced: YES / NO

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Received Iced: YES / NO

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