



WATER QUALITY PARAMETER CHAIN OF CUSTODY FORM 20679

Section I (PWS Information)										Section II (Completed by Laboratory)																															
PWS Name: FBC MUD 30					PWS Type: ☒ Community ☐ NTNC					Lab Name:																															
PWS ID #: 0790146																																									
PWS Contact Name: Susan Young					Population: ☐ <50,000 ☐ 50,001 to 100,000 ☐ >100,000					Eastex Environmental Laboratory																															
PWS Contact Number: 281-290-3102										Laboratory Address: PO Box 1089, Coldspring, TX 77331																															
☒ Compliance ☐ Noncompliance					☐ Tap Copper Exceedance ☐ Tap Lead Exceedance					Laboratory Contact Name:																															
☐ Distribution System					# DS Samples Required: # DS Samples Submitted:					Daniel Bowen																															
☒ Entry Point					# EP Samples Required: 2, # EP Samples Submitted: 2																																				
Inhibitor or stabilizer used: ☒ phosphate ☐ calcium carbonate ☐ silica										Lab Phone: 936-653-3249																															
Source ID (e.g., DS01, EP001)		Sample Location		Sample Collection Date (MMDDYY)		Sample Collection Time (HHMM)		pH (1925)		pH method		Temp (°C) (1996)		Temp Method		Lab Sample ID		Parameters Requested: *Analyses are required for the parameters checked. If inhibitors containing PO4 or silicate are used, then these parameters should also be tested depending on which is used.																							
EP001		WP #1		112917		1050		7.6		SM4500 H+		20.8		SM2550		C7K5384-01		Alkalinity (1927)		Calcium (1919)		Chloride (1017)		Conductivity (1064)		Hardness (1915)		Iron (1028)		Manganese (1032)		Sodium (1052)		Sulfate (1055)		TDS (1930)		O-phosphate (1044)		Silica (1049)	
EP002		WP #2		112917		1105		7.7		SM4500 H+		20.6		SM2550		C7K5384-02		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓			
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EASTEX ENVIRONMENTAL LABORATORY, INC.
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(800) 525-0508 * FAX (936) 653-3172 (936) 569-8879 * FAX (936) 569-8951
www.eastexlab.com

REPORT TO:

INVOICE TO:

1 Company

MDS

Address

ON FILE

Attn.

Phone #

Fax #

2 Company

Address

Attn.

Phone #

Fax #

Sampler's Name (please print)

Sampler's Signature

Project Number

3 Project Name

FBC 30 WOP

7 Containers

Remarks:

Order ID

4 Sample ID

Order ID
EP001-WP #1
-02 EP002-WP #2

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Tel: 936 653 3249



Fort Bend County MUD 30
Municipal District Services, LLC.
406 W Grand Pkwy S, Ste 260
Katy, TX 77494

LABORATORY ANALYSIS REPORT

Work: C7K5384
Project ID: FBC 30 WQP

Sample Matrix: Water
Client Matrix: Potable
Date Received: 11/29/17

Sample Number:	C7K5384-01	Collect Date:	11/29/2017
Site:	Water Plant 1	Collect Time:	10:50 am
Sample Type:	Grab	Collector:	BDS

Test	*	Result	Units	Tech	Date	Time	Method
Alkalinity	A	98.0	mg CaCO ₃ /L	BMB	12/01/2017	9:45	SM 2320 B
Calcium, Total	A	44.7	mg/L	MLJ	12/05/2017	12:08	EPA 200.7
Chloride	A	37.6	mg/L	DCH	11/30/2017	18:33	EPA 300.0
Conductivity	A	387	µmhos/cm @25C	LAN	11/30/2017	9:00	SM 2510 B
Hardness	A	113	mg CaCO ₃ /L	DSF	11/30/2017	12:35	SM 2340 C
Iron, Total	A	<0.100	mg/L	MLJ	12/08/2017	10:51	EPA 200.7
Manganese, Total	A	0.00379	mg/L	MLJ	12/08/2017	10:51	EPA 200.7
Orthophosphate	P	0.39	mg/L	DSF	11/29/2017	16:00	SM 4500-P E
pH	P	7.60	std unit	BDS	11/29/2017	10:50	SM 4500 H + B
Sodium, Total	A	27.6	mg/L	MLJ	12/05/2017	12:08	EPA 200.7
Sulfate	A	32.4	mg/L	DCH	11/30/2017	8:40	EPA 300.0
TDS	A	283	mg/L	TDS	12/01/2017	15:00	SM 2540 C
Temp	P	20.8	degrees C	BDS	11/29/2017	10:50	SM 2550

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

Most current versions applicable for methods listed are being used.



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Fort Bend County MUD 30
Municipal District Services, LLC.
406 W Grand Pkwy S, Ste 260
Katy, TX 77494

LABORATORY ANALYSIS REPORT

(Continued)

Work: C7K5384 (Continued)
Project ID: FBC 30 WQP

Sample Matrix: Water
Client Matrix: Potable
Date Received: 11/29/17

Sample Number:	C7K5384-02	Collect Date:	11/29/2017
Site:	Water Plant 2	Collect Time:	11:05 am
Sample Type:	Grab	Collector:	BDS

Test	*	Result	Units	Tech	Date	Time	Method
Alkalinity	A	96.0	mg CaCO ₃ /L	BMB	12/01/2017	9:45	SM 2320 B
Calcium, Total	A	42.3	mg/L	MLJ	12/05/2017	12:10	EPA 200.7
Chloride	A	103	mg/L	DCH	11/30/2017	18:48	EPA 300.0
Conductivity	A	380	µmhos/cm @25C	LAN	11/30/2017	9:00	SM 2510 B
Hardness	A	126	mg CaCO ₃ /L	DSF	11/30/2017	12:35	SM 2340 C
Iron, Total	A	<0.100	mg/L	MLJ	12/08/2017	10:56	EPA 200.7
Manganese, Total	A	0.00324	mg/L	MLJ	12/08/2017	10:56	EPA 200.7
Orthophosphate	P	0.31	mg/L	DSF	11/29/2017	16:00	SM 4500-P E
pH	P	7.70	std unit	BDS	11/29/2017	11:05	SM 4500 H + B
Sodium, Total	A	25.7	mg/L	MLJ	12/05/2017	12:10	EPA 200.7
Sulfate	A	32.9	mg/L	DCH	11/30/2017	8:40	EPA 300.0
TDS	A	283	mg/L	TDS	12/01/2017	15:00	SM 2540 C
Temp	P	20.6	degrees C	BDS	11/29/2017	11:05	SM 2550

Qualifier	LabNumber	Analyte	Remarks
40	C7K5384-01	Alkalinity	Alkalinity titrated to pH 4.5 endpoint.
40	C7K5384-02	Alkalinity	Alkalinity titrated to pH 4.5 endpoint.

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

Most current versions applicable for methods listed are being used.

CS_ProjectReport.rpt version 4.03312016

Print Date Time 12/11/2017 12:17

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Fort Bend County MUD 30
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The test results in this report relate only to the samples received and the report shall not be reproduced, except in full, without the approval of the laboratory.

Daniel Bowen, Wet Lab Technical Director



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Quality Control Report

Customer: Fort Bend County MUD 30

Project: FBC 30 WQP

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Test | Units | Method

Batch	Blank	True	Standard		% Rec.	Note	Spike		Lab ID	Duplicate				MDL	Original	
			Found				% Rec.	Note		Result	Dup	RPD	Note		Order ID	
Alkalinity mg CaCO3/L SM 2320 B																
B7K4004	<20.0	50.0	48.0		96.0	<WL	---	--	C7K4692-01	170	170	0	<WL	20.0	C7K5384-01	
B7K4004	<20.0	50.0	48.0		96.0	<WL	---	--	C7K4692-01	170	170	0	<WL	20.0	C7K5384-02	
Calcium, Total mg/L EPA 200.7																
B7L0149	0.460	25.0	25.6		103	<WL	108	<WL	C7L0329-01	44.6	28.0	4.158	<WL	0.100	C7K5384-01	
B7L0149	0.460	25.0	25.6		103	<WL	108	<WL	C7L0329-01	44.6	28.0	4.158	<WL	0.100	C7K5384-02	
Chloride mg/L EPA 300.0																
B7K3941	<5.0	125	96.0		76.8	>CL	76.1	>CL	C7K3658-01	243	242	0.325	<WL	5.0	C7K5384-01	
B7K3941	<5.0	125	96.0		76.8	>CL	76.1	>CL	C7K3658-01	243	242	0.325	<WL	5.0	C7K5384-02	
Conductivity μmhos/cm @25C SM 2510 B																
B7K3826	<10	1000	1007		101	<WL	---	--	C7K5383-01	264	264	0	<WL	10	C7K5384-01	
B7K3826	<10	1000	1007		101	<WL	---	--	C7K5383-01	264	264	0	<WL	10	C7K5384-02	
Hardness mg CaCO3/L SM 2340 C																
B7K3820	<5.00	100	100		100	<WL	100	<WL	C7K5383-01	555	550	0.905	<WL	5.00	C7K5384-01	
B7K3820	<5.00	100	100		100	<WL	100	<WL	C7K5383-01	555	550	0.905	<WL	5.00	C7K5384-02	
Iron, Total mg/L EPA 200.7																
B7L0147	<0.100	0.250	0.275		110	<WL	115	<WL	C7K5383-01	0.286	0.294	2.787	<WL	0.100	C7K5384-01	
B7L0147	<0.100	0.250	0.275		110	<WL	115	<WL	C7K5383-01	0.286	0.294	2.787	<WL	0.100	C7K5384-02	
Manganese, Total mg/L EPA 200.7																
B7L0147	<0.00100	0.250	0.241		96.6	<WL	96.3	<WL	C7L0329-01	0.241	0.255	1.075	<WL	0.0010	C7K5384-01	
B7L0147	<0.00100	0.250	0.241		96.6	<WL	96.3	<WL	C7L0329-01	0.241	0.255	1.075	<WL	0.0010	C7K5384-02	
Orthophosphate mg/L SM 4500-P E																
B7K3794	<0.02	0.250	0.264		106	<WL	104	<WL	C7K5383-01	0.808	0.806	0.247	<WL	0.02	C7K5384-01	
B7K3794	<0.02	0.250	0.264		106	<WL	104	<WL	C7K5383-01	0.808	0.806	0.247	<WL	0.02	C7K5384-02	
Sodium, Total mg/L EPA 200.7																
B7L0149	<0.500	25.0	24.8		99.0	<WL	120	<WL	C7L0329-01	57.6	64.8	4.432	<WL	0.500	C7K5384-01	
B7L0149	<0.500	25.0	24.8		99.0	<WL	120	<WL	C7L0329-01	57.6	64.8	4.432	<WL	0.500	C7K5384-02	
Sulfate mg/L EPA 300.0																
B7K3943	<5.0	30.0	31.9		106	<WL	98.0	<WL	C7K3658-01	70.9	70.9	0.042	<WL	5.0	C7K5384-01	
B7K3943	<5.0	30.0	31.9		106	<WL	98.0	<WL	C7K3658-01	70.9	70.9	0.042	<WL	5.0	C7K5384-02	
TDS mg/L SM 2540 C																
B7K3819	<10	300	292		97.3	<WL	---	--	C7K5383-01	122	120	1.652	<WL	10	C7K5384-01	
B7K3819	<10	300	292		97.3	<WL	---	--	C7K5383-01	122	120	1.652	<WL	10	C7K5384-02	

NOTE: <WL is within warning limits

>WL is outside warning limits but within control limits

>CL is outside control limits