



P.O. Box 1089 Coldspring, Texas 77331
 Website: eastexlabs.com
 Email: eastexlab@eastex.net
 Tel: 936 653 3249



Laboratory Analysis Report

Client: Galveston County MUD 12
 TOPS
 9835 Whithorn Dr
 Houston, TX 77095

Project ID: GC MUD 12 Effluent
 Report for: May, 2021
 Customer ID: C-GAL12
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SAMPLING DATA	DATE COLLECTED	5/6/2021	5/6/2021	5/13/2021	5/20/2021	Method No.	
		DATE RECEIVED	5/6/2021	5/6/2021	5/13/2021	5/20/2021	Avg
	TIME COLLECTED	9:45	9:45	9:40	9:30		
	SAMPLING POINT	Effluent	Effluent	Effluent	Effluent		
	TYPE OF SAMPLE	Grab	Grab	Grab	Grab		
	COLLECTED BY	wgw	wgw	wgw	wgw		
	SAMPLE NUMBER	C1E1202-01	C1E1203-01	C1E2929-01	C1E4409-01		
FIELD DATA		5/6/2021		5/13/2021	5/20/2021		
		9:45		9:40	9:30		
		wgw		wgw	wgw		
SM 4500 O G	DO (mg/L)	8.2		8.0	8.5		
	Flow (MGD)	0.214		0.28	0.45		
SM 4500 H + B	pH (std unit)	7.1		7.1	7.0		

ANALYSIS DATA

BOD 5 mg/L *A	Results	<2.0		<2.0	<2.0	SM 5210 B	2.00	2
	Analysis Date	5/7/2021 8:15		5/14/2021 8:10	5/21/2021 7:40			5.25
	Analyst	TRH		TRH	TRH			
Enterococcus mpn/100ml *A	Results		30			Enterolert IDEXX		
	Analysis Date		5/6/2021 15:31		5/20/2021 10:22	GeoMean		
	Analyst		ACW			30.0		
TSS mg/L *A	Results	8.9		8.6	6.0	SM 2540 D		
	Analysis Date	5/7/2021 14:14		5/14/2021 13:50	5/21/2021 10:24		7.83	8.9
	Analyst	CSW		CSW	WLS			19.5
TVSS mg/L *A	Results	6.3		6.0	4.3	EPA 160.4		
	Analysis Date	5/10/2021 13:50		5/17/2021 12:24	5/24/2021 12:26		5.53	6.3
	Analyst	CSW		CSW	CSW			13.8

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

C1E1202-01	BOD 5	1	Dilution water blank > 0.20 mg/L DO uptake.
C1E2929-01	BOD 5	13	LCS associated with sample batch outside of acceptance limits.
C1E4409-01	BOD 5	13	LCS associated with sample batch outside of acceptance limits.

Sampling and analyses are performed in accordance with EPA and TCEQ guidelines for QA. Records are available for inspection. Field tests, bacteriologicals, phenols, and oil and grease analyses are performed on grab samples; see the chain of custody for complete details. All Field Data marked "Clie" are reported at the request of our client, Eastex has no bearing on the accuracy, nor the method used in these instances. All metal analyses are performed at the Coldspring Laboratory unless otherwise indicated. Alkalinity titrated to pH 4.5 endpoint. The test results in this report relate only to the samples received and the report shall not be reproduced except in full with the approval of the laboratory.

Natalia Bondar - Wet Lab Technical Director