



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: October, 2020
Customer ID: C-GAL12
Page 1 of 2

SAMPLING DATA	DATE COLLECTED	10/1/2020	10/1/2020	10/8/2020	10/16/2020	10/22/2020	
	DATE RECEIVED	10/1/2020	10/1/2020	10/8/2020	10/16/2020	10/22/2020	
	TIME COLLECTED	9:20	9:20	8:35	10:56	9:30	
	SAMPLING POINT	Effluent	Effluent	Effluent	Effluent	Effluent	
	TYPE OF SAMPLE	Grab	Grab	Grab	Grab	Grab	
	COLLECTED BY	WGW	WGW	DCH	LOG	WGW	
	SAMPLE NUMBER	COJ0079-01	COJ0080-01	COJ1614-01	COJ3558-01	COJ4590-01	
FIELD DATA		10/1/2020		10/8/2020	10/16/2020	10/22/2020	
		9:20		8:35	10:56	9:30	
		WGW		DCH	LOG	WGW	
SM 4500 O G	DO (mg/L)	7.5		7.2	7.3	7.6	
-	Flow (MGD)	0.251		0.624	0.32	0.297	
SM 4500 H + B	pH (std unit)	7.3		7.1	6.8	7.0	

ANALYSIS DATA

BOD 5 mg/L *A	Results Analysis Date Analyst	<2.0 10/2/2020 8:00 JRH		<2.0 10/9/2020 8:00 JRH	<2.0 10/16/2020 17:00 TRH	5.8 10/23/2020 8:00 JRH	
Enterococcus mpn/100ml *A	Results Analysis Date Analyst		4 10/1/2020 14:55 ACW				
TSS mg/L *A	Results Analysis Date Analyst	2.9 10/2/2020 14:52 CSW		10.0 10/9/2020 16:33 WLS	6.1 10/19/2020 12:50 WLS	10.8 10/23/2020 14:55 CSW	
TVSS mg/L *A	Results Analysis Date Analyst	2.2 10/5/2020 15:00 CSW		7.8 10/12/2020 14:00 WLS	3.7 10/20/2020 13:56 CSW	9.3 10/26/2020 12:25 WLS	

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



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SAMPLING DATA	DATE COLLECTED	DATE RECEIVED	TIME COLLECTED	SAMPLING POINT	TYPE OF SAMPLE COLLECTED BY	SAMPLE NUMBER	Method No.	
							Avg	Max #/Day
FIELD DATA								
SM 4500 O G	DO (mg/L)							
-	Flow (MGD)							
SM 4500 H + B	pH (std unit)							

ANALYSIS DATA

BOD 5 mg/L *A	Results Analysis Date Analyst					SM 5210 B	2.95	5.8 8.57
Enterococcus mpn/100ml *A	Results Analysis Date Analyst					Enterolert IDEXX	GeoMean 4.00	
TSS mg/L *A	Results Analysis Date Analyst					SM 2540 D	7.45	10.8 25.3
TVSS mg/L *A	Results Analysis Date Analyst					EPA 160.4	5.75	9.3 19.5

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COJ0079-01	BOD 5	13	LCS associated with sample batch outside of acceptance limits.
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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



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Laboratory Analysis Report

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TOPS
9835 Whithorn Dr
Houston, TX 77095

Project ID: GC MUD 12 Influent
Report for: October, 2020
Customer ID: C-GAL12
Page 1 of 1

SAMPLING DATA	DATE COLLECTED	10/1/2020	10/8/2020	10/16/2020	10/22/2020	Method No.	
	DATE RECEIVED	10/1/2020	10/8/2020	10/16/2020	10/22/2020	Avg	Max #/Day
	TIME COLLECTED	9:40	8:38	11:04	9:50		
	SAMPLING POINT	Influent	Influent	Influent	Influent		
	TYPE OF SAMPLE	Grab	Grab	Grab	Grab		
	COLLECTED BY	WGW	DCH	LOG	WGW		
	SAMPLE NUMBER	COJ0081-01	COJ1616-01	COJ3559-01	COJ4591-01		
FIELD DATA		10/1/2020	10/8/2020	10/16/2020	10/22/2020		
		9:40	8:38	11:04	9:50		
		WGW	DCH	LOG	WGW		
SM 4500 H + B	pH (std unit)	7.4	7.2	7.2	7.5		

ANALYSIS DATA

BOD 5 mg/L *A	Results	98.4	85.9	301	110	SM 5210 B		
	Analysis Date	10/2/2020 8:00	10/9/2020 8:00	10/16/2020 17:00	10/23/2020 8:00		149	301
	Analyst	JRH	JRH	TRH	JRH			
TSS mg/L *A	Results	185	128	797	128	SM 2540 D		
	Analysis Date	10/2/2020 14:52	10/9/2020 16:33	10/19/2020 12:50	10/23/2020 14:55		310	797
	Analyst	CSW	WLS	WLS	CSW			
TVSS mg/L *A	Results	105	108	753	114	EPA 160.4		
	Analysis Date	10/5/2020 15:00	10/12/2020 14:00	10/20/2020 13:56	10/26/2020 12:25		270	753
	Analyst	CSW	WLS	CSW	WLS			

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COJ0081-01	BOD 5	13	LCS associated with sample batch outside of acceptance limits.
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