

# P.O. Box 1089 Coldspring, Texas 77331 Website: eastexlabs.com Email: eastexlab@eastex.net

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		La	poratory Analysis Repor						
Client:	Galveston County N	MUD 12		Project ID: Report for:	GC MUD 12 Effluent July, 2020				
	TOPS 9835 Whithorn Dr			Customer ID:	C-GAL12				
				Customer io.	Page 1 of 1				
	Houston, TX 77095				rage 1 O/ 1				
SAMPLING	DATE COLLECTED	7/2/2020	7/2/2020						
DATA	DATE RECEIVED	7/2/2020	7/2/2020						
	TIME COLLECTED	9:45	9:45						
	SAMPLING POINT	Effluent	Effluent	İ					
	TYPE OF SAMPLE	Grab	Grab		Metho	d No.			
	COLLECTED BY	wgw	WGW		Avg	Max			
	SAMPLE NUMBER	C0G0425-01	C0G0426-01			#/Day			
FIELD		7/2/2020				<u></u>			
DATA		9:45							
		WGW							
SM 4500 O G	DO(mg/L)	6.9							
-	Flow(MGD)	0.304							
SM 4500 H + B	pH(std unit)	7.0							
ANALYSIS DATA			**************************************						
BOD 5	Results	4.3			SM 5210 B				
mg/L	Analysis Date	7/2/2020 17:00			4.30	4.3			
*A	Analyst	JRH				10.9			
Enterococcus	Results		<10		Enterolect IDEXX				
mpn/100ml	Analysis Date		7/2/2020 15:32		GeoMean				
*A	Analyst		ACW		10.0				
TSS	Results	19.0			SM 2540 D				
mg/L	Analysis Date	7/3/2020 13:16			19.0	19			
*A	Analyst	NLS				48.2			
TVSS	Results	15.7	·		EPA 160.4				
mg/L	Analysis Date	7/6/2020 14:50			15.7	15.7			
*A	Analyst	CSW				39.8			
*NELAC Status:	A=Accredited, N=Accred	ditation not offer	ed, O=Not Accredited, P	=Approved					
			PA 5 6 1 2 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 / 50	······································				
C0G0425-01	BOD 5	1	Dilution water blank > 0	.20 mg/L DO uptake.					

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** Client: Galveston County MUD 12 Project ID: GC MUD 12 Influent **TOPS** Report for: July, 2020 9835 Whithorn Dr Customer ID: C-GAL12 Houston, TX 77095 Page 1 of 1 SAMPLING DATE COLLECTED 7/2/2020 DATA DATE RECEIVED 7/2/2020 TIME COLLECTED 9:40 SAMPLING POINT Influent Method No. TYPE OF SAMPLE Grab COLLECTED BY Avg WGW Max SAMPLE NUMBER C0G0427-01 #/Day FIELD 7/2/2020 DATA 9:40 WGW 7.3 pH(std unit) SM 4500 H + B ANALYSIS DATA BOD 5 Results 168 SM 5210 B Analysis Date mg/L 7/2/2020 17:00 168 168 \*A Analyst IRH TSS Results 180 SM 2540 D mg/L Analysis Date 7/3/2020 13:16 180 180 Analyst NLS \*A EPA 160.4 TVS5 Results 164 mg/L Analysis Date 7/6/2020 14:50 164 164 \*A Analyst CSW \*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved C0G0427-01 BOD 5 Dilution water blank > 0.20 mg/L DO uptake.

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.

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#### LABORATORY ANALYTICAL REPORT

Project:

GC MUD 12 Aeration

Sample Site:	Aeration 1		Sample Number:						Collector: WGW					
Sample Type:	Grab			C0G0423-01					07/02/2020 09:3	9:25				
Sample Matrix:	Waste						Recei	ived:	07/02/2020 14::	5.5				
Anaiyt <del>e</del>		Result	Reporting	71. /	Nelac	<b>5</b>	<b>6</b> . <b>5</b>		No. de . d	Notes				
		, , , , , , , , , , , , , , , , , , ,	Limit	Units	Status	Batch	Anafyzed	Analyst	Method	NOICS				
MLSS		2960	1.00	mg/L	N	B0G0506	07/03/2020 10:45	NLS	EPA 160.2					
MLVSS		2390	1.00	mg/L	N	B0G0493	07/06/2020 12:00	C\$W	EPA 160.4					
Sample Site:	Aeration 2	***************************************		Sample Num	ber:	COLUMN SERVICIO SERVI	Colle	ctor:	WGW					
Sample Type:	Grab			C0G0423-	02		Samp	oled:	07/02/2020 09:1	27				
Sample Matrix:	Waste						Rece	ived:	07/02/2020 14:5	55				
			Reporting		Nelac									
Analyte		Result	Limit	Units	Status	Batch	Analyzed	Analyst	Method	Notes				
MLSS		2710	1.00	mg/L	N	B0G0506	07/03/2020 10:45	NLS	EPA 160.2					
MLVSS		2170	1.00	mg/L	N	B0G0493	07/06/2020 12:00	CSW	EPA 160.4					

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### LABORATORY ANALYTICAL REPORT

Project:

GC MUD 12 Digester

Sample Site: Sample Type: Sample Matrix:	Digester I Grab Waste			Sample Nun C0G0424		Collector: WGW Sampled: 07/02/2020 09:30 Received: 07/02/2020 14:55	
Analyte		Result	Reporting Limit	Units	Nelae Status	Baich	Analyzed Analyst Method Notes
Percent Solid		0.9	0.1	9%	Α	B0G0858	07/07/2020 15:29 KMW SM 2540G
Volatile Percent Solid		59.5	0.1	%	Α	B0G0830	07/08/2020 13:08 KMW SM 2540G
Sample Site: Sample Type: Sumple Matrix:	Digester 2 Grab Waste		Sample Number: C0G0424-02				Collector: WGW Sampled: 07/02/2020 09:33 Received: 07/02/2020 14:55
Analyic		Result	Reporting Limit	Units	Nelac Status	Baich	Analyzed Analyst Method Notes
Percent Solid		1.2	1.0	%	A	B0G0858	07/07/2020 15:29 KMW SM 2540G
Volatile Percent Sol	lid	68,4	1,0	%	A	B0G0830	07/08/2020 13:08 KMW SM 2540G

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#### LABORATORY ANALYTICAL REPORT

Project: GC MUD 12 Special Effluent

Sample Site: Sample Type: Sample Matrix:	Effluent Grab Water		Sample Number: C0G0429-01				Collector: Sampled: Received:	WGW 07/02/2020 07/02/2020	
Client Matrix:	Water								
			Reporting		Nelac				
Analyte	anantanan yang dagai dagai da pilang kalang kalang da pilang da pilang da pilang da kalang da kalang da kalang	Result	Limit	Units	Status	Batch	Analyzed Analyst	Method	Notes
Chlorine		1.4	0.1	mg∕[.	N	B0G0429	07/02/2020 09:45 WGW	SM 4500 CLF	
DO		6.9	ann a dalaman a alamada la Paran II anno II la 201 224	mg/L	N	B0G0429	07/02/2020 09:45 WGW	SM 4500 O G	

					***************************************		**********	***************************************		<del></del>
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Límit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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MeetSuziis

Mark Bourgeois, Special Projects Manager

Qualifiers



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### LABORATORY ANALYTICAL REPORT

Project: GC MUD 12 Pipe Discharge Special

Sample Site:	Discharge		Sample Number:						WGW	
Sample Type:	Grab			San	ipled:	07/02/2020	9:20			
Sample Matrix:	Water						Rec	eived:	07/02/2020	09:20
Client Matrix:	Water									
			Reporting		Nelac					
Analyie		Result	Limit	Units	Status	Batch	Analyzed	Analyst	Method	Notes
Chlorine		1.4	0.1	mg/L	N	B0G0400	07/02/2020 09:20	WGW	SM 4500 CLF	
DO		6.9		mg/L	N	B0G0400	07/02/2020 09:20	WGW	SM 4500 O G	

İ		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limít	Notes
Security or any security of the security of th			****************		***************************************	***************************************	***************************************			14 M/4 14/4 1 /4 1 /4 1 /4 1 /4 1 /4 1 /

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Mark Bourgeois, Special Projects Manager

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