



P.O. Box 1089 Coldspring Tx 77331  
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July 09, 2020

Texas A&M Agrilife  
Texas A and M AgriLife  
1335 Regents Park Dr. Ste. 260  
Houston, TX 77058

**TX A and M Community Stormwater**

Enclosed are the results of analyses for samples received by the laboratory on 06/25/20 15:20, with Lab ID Number C0F5535. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Mark Bourgeois". The signature is written in black ink and is positioned above a solid horizontal line.

Mark Bourgeois  
Special Projects Manager



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**LABORATORY ANALYTICAL REPORT**

Project: TX A and M Community Stormwater  
 Sample Matrix: Water  
 Client Matrix: Water

Sample Date & Time: 06/24/2020 16:50  
 Collector: CT  
 Sample Type: Grab  
 Print Date: 7/9/2020

**EG 202-10  
 C0F5535-01 (Water)**

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<b><u>Metals</u></b>								
Total Phosphorus	0.158	0.0600	mg/L	A	B0F3837	07/06/2020 11:06	EPA 200.7	
<b><u>Microbiological Lab</u></b>								
E coli IDEXX	6130	10	mpn/100ml	A	B0F3625	06/25/2020 15:55	Colilert 18	
<b><u>Wet Lab</u></b>								
Ammonia as N	<0.1	0.1	mg/L	A	B0F3611	06/29/2020 12:28	SM 4500 NH3 G	
Nitrate+Nitrite as N	0.02	0.02	mg/L	A	B0G0209	07/08/2020 17:00	SM 4500 NO3 F	20
TSS	20.0	1.0	mg/L	A	B0F3535	06/26/2020 14:16	SM 2540 D	



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**SM 2540 D - Quality Control**  
**Eastex Environmental Laboratory - Coldspring**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B0F3535 - No Prep</b>										
<b>Blank (B0F3535-BLK1)</b>				<b>Prepared &amp; Analyzed: 6/26/2020 2:16:00PM</b>						
TSS	ND	1.0	mg/L							
<b>Duplicate (B0F3535-DUP1)</b>				<b>Source: C0F5450-01 Prepared &amp; Analyzed: 6/26/2020 2:16:00PM</b>						
TSS	98.0	1.0	mg/L		96.0			2.06	10	
<b>Batch B0F3611 - No Prep</b>										
<b>Blank (B0F3611-BLK1)</b>				<b>Prepared &amp; Analyzed: 6/29/2020 12:28:00PM</b>						
Ammonia as N	ND	0.1	mg/L							
<b>LCS (B0F3611-BS1)</b>				<b>Prepared &amp; Analyzed: 6/29/2020 12:28:00PM</b>						
Ammonia as N	2.08		mg/L	2.00		104	90-110			
<b>Matrix Spike (B0F3611-MS1)</b>				<b>Source: C0F5372-01 Prepared &amp; Analyzed: 6/29/2020 12:28:00PM</b>						
Ammonia as N	2.5	0.1	mg/L	2.50	0.05	98.0	80-120			
<b>Matrix Spike Dup (B0F3611-MSD1)</b>				<b>Source: C0F5372-01 Prepared &amp; Analyzed: 6/29/2020 12:28:00PM</b>						
Ammonia as N	2.5	0.1	mg/L	2.50	0.05	98.0	80-120	0.00	20	
<b>Batch B0F3625 - No Prep Micro</b>										
<b>Blank (B0F3625-BLK1)</b>				<b>Prepared &amp; Analyzed: 6/25/2020 3:55:00PM</b>						
E coli IDEXX	ND	1	mpn/100ml							
<b>Duplicate (B0F3625-DUP1)</b>				<b>Source: C0F5422-01 Prepared &amp; Analyzed: 6/25/2020 3:55:00PM</b>						
E coli IDEXX	ND	2	mpn/100ml		ND				200	
<b>Batch B0F3837 - EPA 200.7</b>										
<b>Blank (B0F3837-BLK1)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 9:52:58AM</b>						
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0F3837-BLK2)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 10:56:18AM</b>						
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0F3837-BLK3)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 11:55:21AM</b>						
Total Phosphorus	ND	0.0600	mg/L							
<b>LCS (B0F3837-BS1)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 9:56:26AM</b>						
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115			

Eastex Environmental Laboratory - Coldspring

*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.*

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



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**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
<b>Batch B0F3837 - EPA 200.7</b>										
<b>LCS (B0F3837-BS2)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 10:59:47AM</b>						
Total Phosphorus	2.54	0.0600	mg/L	2.52		101	85-115			
<b>LCS (B0F3837-BS3)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 11:58:50AM</b>						
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115			
<b>LCS Dup (B0F3837-BSD1)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 9:59:54AM</b>						
Total Phosphorus	2.58	0.0600	mg/L	2.52		103	85-115	1.22	20	
<b>LCS Dup (B0F3837-BSD2)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 11:03:16AM</b>						
Total Phosphorus	2.57	0.0600	mg/L	2.52		102	85-115	1.13	20	
<b>LCS Dup (B0F3837-BSD3)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 12:02:18PM</b>						
Total Phosphorus	2.74	0.0600	mg/L	2.52		109	85-115	0.371	20	
<b>MRL Check (B0F3837-MRL1)</b>				<b>Prepared &amp; Analyzed: 7/6/2020 9:49:29AM</b>						
Total Phosphorus	0.0554		mg/L	0.0600		92.3	0-200			
<b>Matrix Spike (B0F3837-MS1)</b>				<b>Source: C0F4195-01</b>		<b>Prepared &amp; Analyzed: 7/6/2020 10:14:33AM</b>				
Total Phosphorus	2.79	0.0600	mg/L	2.52	0.0348	109	70-130			
<b>Matrix Spike (B0F3837-MS2)</b>				<b>Source: C0F5535-01</b>		<b>Prepared &amp; Analyzed: 7/6/2020 11:13:41AM</b>				
Total Phosphorus	2.88	0.0600	mg/L	2.52	0.158	108	70-130			
<b>Matrix Spike (B0F3837-MS3)</b>				<b>Source: C0F6211-01</b>		<b>Prepared &amp; Analyzed: 7/6/2020 12:12:44PM</b>				
Total Phosphorus	2.92	0.0600	mg/L	2.52	0.0962	112	70-130			
<b>Batch B0G0209 - No Prep</b>										
<b>Blank (B0G0209-BLK1)</b>				<b>Prepared &amp; Analyzed: 7/8/2020 5:00:00PM</b>						
Nitrate+Nitrite as N	ND	0.02	mg/L							
<b>LCS (B0G0209-BS1)</b>				<b>Prepared &amp; Analyzed: 7/8/2020 5:00:00PM</b>						
Nitrate+Nitrite as N	0.950		mg/L	1.00		95.0	90-110			
<b>Matrix Spike (B0G0209-MS1)</b>				<b>Source: C0F4922-01</b>		<b>Prepared &amp; Analyzed: 7/8/2020 5:00:00PM</b>				
Nitrate+Nitrite as N	1.16	0.02	mg/L	1.00	0.130	103	80-120			
<b>Matrix Spike Dup (B0G0209-MSD1)</b>				<b>Source: C0F4922-01</b>		<b>Prepared &amp; Analyzed: 7/8/2020 5:00:00PM</b>				
Nitrate+Nitrite as N	1.19	0.02	mg/L	1.00	0.130	106	80-120	2.55	20	

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### Notes and Definitions

20	Sample pH not <2.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



**EASTEX ENVIRONMENTAL LABORATORY, INC.**  
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 www.eastexlabs.com

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

REPORT TO: Christie Taylor

INVOICE TO: Christie Taylor

Company: Agrilife Extension

Company: Agrilife Extension

Remarks:

Address: 1335 Regents Park Dr 260 Houston TX 77058

Address: 1335 Regents Park Dr 260 Houston TX 77058

Attn: Christie Taylor

Attn: Christie Taylor

Phone#: 979-399-4009

Phone#: 979-399-4009

Email: ctaylor@tamuedu

**ANALYSIS REQUESTED**

TSS	
NO <sub>2</sub> +NO <sub>3</sub>	
NH <sub>3</sub> N	
Total phosphate	
E. coli	

P.O. #:

C or G: C=Composite G=Grab  
 DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT=Other

Sampler's Name (print):

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

Sampler's Signature: Christie Taylor

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

Project Name: ICWD Stormwater Sampling

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

Work Order ID: COF5535

Field Data

Containers

Sample ID	Date	Time	Matrix	C or G	DO	pH	CI2	Flow	Temp	#	Size	Type	Pres	Containers
EG 202-10	6/24	16:50	W	G	9.3	8.04			29.9	1	3	P	C	X
										2	5	P	C	X
										4	4	P	C	X
										5	5	P	C	X
										6	6	P	C	X

Relinquished By: Christie Taylor

Received By: Christie Taylor

Received Iced: YES / NO

Relinquished By: Christie Taylor

Received By: Christie Taylor

Received Iced: YES / NO

LAB USE ONLY

Received By and/or Checked In By:

Date

Time

Received Iced: YES / NO

Alternate Check In:

Sample Condition Acceptable:

Date

Time

Received Iced: YES / NO

\*Thermometer has 0.0 factor and recorded temperature is actual temperature