



P.O. Box 1089 Coldspring Tx 77331
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June 01, 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 05/13/20 16:00, with Lab ID Number C0E3035. 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".

Mark Bourgeois
Special Projects Manager



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 Houston TX, 77058

LABORATORY ANALYTICAL REPORT

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

Sample Date & Time: 05/13/2020 09:36
 Collector: CT
 Sample Type: Grab
 Print Date: 6/1/2020

202-9
C0E3035-01 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<u>Metals</u>								
Total Phosphorus	0.142	0.0600	mg/L	A	B0E2085	05/26/2020 11:33	EPA 200.7	
<u>Microbiological Lab</u>								
E coli IDEXX	771	10	mpn/100ml	A	B0E1808	05/13/2020 16:23	Colilert 18	
<u>Wet Lab</u>								
Ammonia as N	<0.1	0.1	mg/L	A	B0E1763	05/14/2020 17:04	SM 4500 NH3 G	20
Nitrate+Nitrite as N	0.05	0.02	mg/L	A	B0E3190	05/27/2020 16:30	SM 4500 NO3 F	
TSS	18.0	1.0	mg/L	A	B0E1755	05/14/2020 16:22	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
Batch B0E1755 - No Prep										
Blank (B0E1755-BLK1)					Prepared & Analyzed: 5/14/2020 4:22:00PM					
TSS	ND	1.0	mg/L							
Duplicate (B0E1755-DUP1)					Source: C0E2426-01 Prepared & Analyzed: 5/14/2020 4:22:00PM					
TSS	88.0	1.0	mg/L		82.0			7.06	10	
Batch B0E1763 - No Prep										
Blank (B0E1763-BLK1)					Prepared & Analyzed: 5/14/2020 4:42:00PM					
Ammonia as N	ND	0.1	mg/L							
LCS (B0E1763-BS1)					Prepared & Analyzed: 5/14/2020 4:40:00PM					
Ammonia as N	2.14		mg/L	2.00		107	90-110			
Matrix Spike (B0E1763-MS1)					Source: C0E0003-01 Prepared & Analyzed: 5/14/2020 4:44:00PM					
Ammonia as N	146	0.1	mg/L	125	0.02	117	80-120			
Matrix Spike Dup (B0E1763-MSD1)					Source: C0E0003-01 Prepared & Analyzed: 5/14/2020 4:46:00PM					
Ammonia as N	152	0.1	mg/L	125	0.02	122	80-120	3.62	20	
Batch B0E1808 - No Prep Micro										
Blank (B0E1808-BLK1)					Prepared & Analyzed: 5/13/2020 4:23:00PM					
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B0E1808-DUP1)					Source: C0E3035-01 Prepared & Analyzed: 5/13/2020 4:23:00PM					
E coli IDEXX	677	10	mpn/100ml		771			13.0	200	
Batch B0E2085 - EPA 200.7										
Blank (B0E2085-BLK1)					Prepared & Analyzed: 5/26/2020 9:07:58AM					
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0E2085-BLK2)					Prepared & Analyzed: 5/26/2020 10:06:54AM					
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0E2085-BLK3)					Prepared & Analyzed: 5/26/2020 11:05:55AM					
Total Phosphorus	ND	0.0600	mg/L							
LCS (B0E2085-BS1)					Prepared & Analyzed: 5/26/2020 9:11:27AM					
Total Phosphorus	2.83	0.0600	mg/L	2.52		112	85-115			

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*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
Batch B0E2085 - EPA 200.7										
LCS (B0E2085-BS2)				Prepared & Analyzed: 5/26/2020 12:11:39PM						
Total Phosphorus	2.35	0.0600	mg/L	2.52		93.2	85-115			
LCS (B0E2085-BS3)				Prepared & Analyzed: 5/26/2020 12:25:31PM						
Total Phosphorus	2.28	0.0600	mg/L	2.52		90.5	85-115			
LCS Dup (B0E2085-BSD1)				Prepared & Analyzed: 5/26/2020 9:14:54AM						
Total Phosphorus	2.88	0.0600	mg/L	2.52		114	85-115	1.74	20	
LCS Dup (B0E2085-BSD2)				Prepared & Analyzed: 5/26/2020 12:15:07PM						
Total Phosphorus	2.26	0.0600	mg/L	2.52		89.8	85-115	3.71	20	
LCS Dup (B0E2085-BSD3)				Prepared & Analyzed: 5/26/2020 12:29:00PM						
Total Phosphorus	2.31	0.0600	mg/L	2.52		91.7	85-115	1.32	20	
MRL Check (B0E2085-MRL1)				Prepared & Analyzed: 5/26/2020 9:04:30AM						
Total Phosphorus	0.0449		mg/L	0.0600		74.8	0-200			
Matrix Spike (B0E2085-MS1)		Source: C0E0126-01		Prepared & Analyzed: 5/26/2020 12:04:06PM						
Total Phosphorus	2.97	0.0600	mg/L	2.52	0.216	109	70-130			
Matrix Spike (B0E2085-MS2)		Source: C0E1503-01		Prepared & Analyzed: 5/26/2020 12:18:35PM						
Total Phosphorus	2.29	0.0600	mg/L	2.52	0.0126	90.3	70-130			
Matrix Spike (B0E2085-MS3)		Source: C0E3033-03		Prepared & Analyzed: 5/26/2020 12:32:29PM						
Total Phosphorus	2.23	0.0600	mg/L	2.52	0.0375	86.9	70-130			
Batch B0E3190 - No Prep										
Blank (B0E3190-BLK1)				Prepared & Analyzed: 5/27/2020 4:30:00PM						
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B0E3190-BS1)				Prepared & Analyzed: 5/27/2020 4:30:00PM						
Nitrate+Nitrite as N	0.980		mg/L	1.00		98.0	90-110			
Matrix Spike (B0E3190-MS1)		Source: C0E2505-01		Prepared & Analyzed: 5/27/2020 4:30:00PM						
Nitrate+Nitrite as N	1.26	0.02	mg/L	1.00	0.110	115	80-120			
Matrix Spike Dup (B0E3190-MSD1)		Source: C0E2505-01		Prepared & Analyzed: 5/27/2020 4:30:00PM						
Nitrate+Nitrite as N	1.07	0.02	mg/L	1.00	0.110	96.0	80-120	16.3	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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Write Copy-Follows Samples
 Yellow Copy-Laboratory
 Pink Copy-Client Copy

REPORT TO: Christie Taylor

INVOICE TO: Christie Taylor

Company: TCWP AgriLife Extension

Company: TCWP AgriLife Extension

Address: 1335 Regents Park Dr 200

Address: Regents Park Dr 260

Houston TX 77058

Houston TX 77058

Attn: Christie Taylor

Attn: Christie Taylor

Phone#: 979.399.4009

Phone#: 979.399.4009

Email: ctaylor@tamu.edu

INSTRUCTIONS:

P.O. #: _____

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

Sampler's Name (print): Christie Taylor

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

Project Name: TCWP 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: 202-9

Field Data

Date: 5/13/20

Time Matrix C or G DO pH CI2 Flow Temp # Size Type Pres

Time	Matrix	C or G	DO	pH	CI2	Flow	Temp	#	Size	Type	Pres
9:30 W		C	6.3	7.58			25.1	1	3	P	C
								2	5	P	C/S
								2	5	P	C/S
								1	5	P	C/W
								1	6	P/S	Y/ST

Containers	Analysis Requested
X	TSS
X	NO ₂ + NO ₃
X	NH ₃ N
X	Total Phosphorus
X	E. coli

Relinquished By: Christie Taylor

Received By: [Signature]

Date: 5/13/20 Time: 11:00

Relinquished By: [Signature]

Received By: [Signature]

Date: 5/13/20 Time: 10:48

LAB USE ONLY
 Sample Condition Acceptable: YES / NO
 Date: 5/13/20 Time: 10:48