



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 05/06/20 15:30, with Lab ID Number C0E1502. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mark Bourgeois". The signature is written in a cursive style and is positioned above a 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: 05/06/2020 09:50  
 Collector: CT  
 Sample Type: Grab  
 Print Date: 6/1/2020

**EG201-6**  
**C0E1502-01 (Water)**

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<b><u>Metals</u></b>								
Total Phosphorus	0.150	0.0600	mg/L	A	B0E2085	05/26/2020 09:56	EPA 200.7	
<b><u>Microbiological Lab</u></b>								
E coli IDEXX	24200	10	mpn/100ml	A	B0E0901	05/06/2020 15:45	Colilert 18	
<b><u>Wet Lab</u></b>								
Ammonia as N	0.1	0.1	mg/L	A	B0E1394	05/12/2020 15:42	SM 4500 NH3 G	
Nitrate+Nitrite as N	0.05	0.02	mg/L	A	B0E1212	05/11/2020 15:39	SM 4500 NO3 F	
TSS	54.0	1.0	mg/L	A	B0E0773	05/07/2020 14:32	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 B0E0773 - No Prep</b>										
<b>Blank (B0E0773-BLK1)</b>					<b>Prepared &amp; Analyzed: 5/7/2020 2:32:00PM</b>					
TSS	ND	1.0	mg/L							
<b>Duplicate (B0E0773-DUP1)</b>					<b>Source: C0E0755-01 Prepared &amp; Analyzed: 5/7/2020 2:32:00PM</b>					
TSS	86.0	1.0	mg/L		84.0			2.35	10	
<b>Batch B0E0901 - No Prep Micro</b>										
<b>Blank (B0E0901-BLK1)</b>					<b>Prepared &amp; Analyzed: 5/6/2020 3:45:00PM</b>					
E coli IDEXX	ND	1	mpn/100ml							
<b>Duplicate (B0E0901-DUP1)</b>					<b>Source: C0E0978-01 Prepared &amp; Analyzed: 5/6/2020 3:45:00PM</b>					
E coli IDEXX	ND	2	mpn/100ml		ND				200	
<b>Batch B0E1212 - No Prep</b>										
<b>Blank (B0E1212-BLK1)</b>					<b>Prepared &amp; Analyzed: 5/11/2020 3:39:00PM</b>					
Nitrate+Nitrite as N	ND	0.02	mg/L							
<b>LCS (B0E1212-BS1)</b>					<b>Prepared &amp; Analyzed: 5/11/2020 3:39:00PM</b>					
Nitrate+Nitrite as N	0.920		mg/L	1.00		92.0	90-110			
<b>Matrix Spike (B0E1212-MS1)</b>					<b>Source: C0E0855-01 Prepared &amp; Analyzed: 5/11/2020 3:39:00PM</b>					
Nitrate+Nitrite as N	1.10	0.02	mg/L	1.00	0.110	99.0	80-120			
<b>Matrix Spike Dup (B0E1212-MSD1)</b>					<b>Source: C0E0855-01 Prepared &amp; Analyzed: 5/11/2020 3:39:00PM</b>					
Nitrate+Nitrite as N	1.04	0.02	mg/L	1.00	0.110	93.0	80-120	5.61	20	
<b>Batch B0E1394 - No Prep</b>										
<b>Blank (B0E1394-BLK1)</b>					<b>Prepared &amp; Analyzed: 5/12/2020 3:35:00PM</b>					
Ammonia as N	ND	0.1	mg/L							
<b>LCS (B0E1394-BS1)</b>					<b>Prepared &amp; Analyzed: 5/12/2020 3:33:00PM</b>					
Ammonia as N	2.14		mg/L	2.00		107	90-110			
<b>Matrix Spike (B0E1394-MS1)</b>					<b>Source: C0E1501-01 Prepared &amp; Analyzed: 5/12/2020 3:37:00PM</b>					
Ammonia as N	2.5	0.1	mg/L	2.50	0.1	95.1	80-120			
<b>Matrix Spike Dup (B0E1394-MSD1)</b>					<b>Source: C0E1501-01 Prepared &amp; Analyzed: 5/12/2020 3:38:00PM</b>					
Ammonia as N	2.4	0.1	mg/L	2.50	0.1	91.2	80-120	3.92	20	

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 B0E2085 - EPA 200.7</b>										
<b>Blank (B0E2085-BLK1)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 9:07:58AM</b>						
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0E2085-BLK2)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 10:06:54AM</b>						
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0E2085-BLK3)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 11:05:55AM</b>						
Total Phosphorus	ND	0.0600	mg/L							
<b>LCS (B0E2085-BS1)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 9:11:27AM</b>						
Total Phosphorus	2.83	0.0600	mg/L	2.52		112	85-115			
<b>LCS (B0E2085-BS2)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 12:11:39PM</b>						
Total Phosphorus	2.35	0.0600	mg/L	2.52		93.2	85-115			
<b>LCS (B0E2085-BS3)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 12:25:31PM</b>						
Total Phosphorus	2.28	0.0600	mg/L	2.52		90.5	85-115			
<b>LCS Dup (B0E2085-BSD1)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 9:14:54AM</b>						
Total Phosphorus	2.88	0.0600	mg/L	2.52		114	85-115	1.74	20	
<b>LCS Dup (B0E2085-BSD2)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 12:15:07PM</b>						
Total Phosphorus	2.26	0.0600	mg/L	2.52		89.8	85-115	3.71	20	
<b>LCS Dup (B0E2085-BSD3)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 12:29:00PM</b>						
Total Phosphorus	2.31	0.0600	mg/L	2.52		91.7	85-115	1.32	20	
<b>MRL Check (B0E2085-MRL1)</b>				<b>Prepared &amp; Analyzed: 5/26/2020 9:04:30AM</b>						
Total Phosphorus	0.0449		mg/L	0.0600		74.8	0-200			
<b>Matrix Spike (B0E2085-MS1)</b>		<b>Source: C0E0126-01</b>		<b>Prepared &amp; Analyzed: 5/26/2020 12:04:06PM</b>						
Total Phosphorus	2.97	0.0600	mg/L	2.52	0.216	109	70-130			
<b>Matrix Spike (B0E2085-MS2)</b>		<b>Source: C0E1503-01</b>		<b>Prepared &amp; Analyzed: 5/26/2020 12:18:35PM</b>						
Total Phosphorus	2.29	0.0600	mg/L	2.52	0.0126	90.3	70-130			
<b>Matrix Spike (B0E2085-MS3)</b>		<b>Source: C0E3033-03</b>		<b>Prepared &amp; Analyzed: 5/26/2020 12:32:29PM</b>						
Total Phosphorus	2.23	0.0600	mg/L	2.52	0.0375	86.9	70-130			

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### Notes and Definitions

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.**

P.O. Box 1089 \* Coldspring, TX 77331 P.O. Box 631375 \* Nacogdoches, TX 75963-1375  
 (936) 653-3249 \* (800) 525-0508 (936) 569-8879 \* FAX (936) 569-8951

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

REPORT TO: Christie Taylor

INVOICE TO: Christie Taylor

Company: TCWP/AgriLife EXT

Company: TCWP/AgriLife EXT

Address: 1335 Regents Park Dr. Ste 200

Address: 1335 Regents Park Dr. Ste 200

Houston TX 77058

Houston TX 77058

Attn:

Attn:

Phone#: 979-399-4009

Phone#: 979-399-4009

Email: cc.taylor@tamuedu

INSTRUCTIONS:

P.O. #:

C or G: O=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

Project Name: Stomachwater Sampling

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

Work Order ID

Field Data

Containers

Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	CI2	Flow	Temp	#	Size	Type	Pres	Containers
Cof1502	EG2016	5/16/20	9:50 AM	W	G	43	8.36	-	-	96.82	1	16	P	C	X
											1	5	P	C/N	X
											2	5	P	C/S	X
											2	5	P	C/S	X
											2	5	P	C/S	X

ANALYSIS REQUESTED

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

Relinquished By: Christie Taylor

Received By: [Signature]

Relinquished By: [Signature]

Received By: [Signature]

LAB USE ONLY

Sample Condition Acceptable: YES / NO

Received By and/or Checked In By: [Signature]

Date: 5/16/20 Time: 1:530

Received Iced: YES / NO

Alternate Check In:

Date: 5/16/20 Time: 1:530

Date: 5/16/20 Time: 1:530

Chain of Custody Revision 3: 05/01/18

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