



P.O. Box 1089 Coldspring Tx 77331  
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March 03, 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 02/06/20 14:35, with Lab ID Number C0B1483. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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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: 02/06/2020 08:49  
 Collector: CT  
 Sample Type: Grab  
 Print Date: 3/3/2020

**UTRP 102-11  
 C0B1483-01 (Water)**

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<b><u>Metals</u></b>								
Total Phosphorus	<0.0600	0.0600	mg/L	A	B0C0003	03/02/2020 17:32	EPA 200.7	
<b><u>Microbiological Lab</u></b>								
E coli IDEXX	473	10	mpn/100ml	A	B0B0994	02/06/2020 14:50	Colilert 18	
<b><u>Wet Lab</u></b>								
Ammonia as N	<0.1	0.1	mg/L	A	B0B1099	02/10/2020 10:30	SM 4500 NH3 G	
Nitrate+Nitrite as N	0.02	0.02	mg/L	A	B0B1131	02/18/2020 08:00	SM 4500 NO3 F	
TSS	8.4	1.0	mg/L	A	B0B0985	02/07/2020 17:51	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 B0B0985 - No Prep</b>										
<b>Blank (B0B0985-BLK1)</b>					<b>Prepared &amp; Analyzed: 2/7/2020 5:51:00PM</b>					
TSS	ND	1.0	mg/L							
<b>Duplicate (B0B0985-DUP1)</b>					<b>Source: C0B1314-01 Prepared &amp; Analyzed: 2/7/2020 5:51:00PM</b>					
TSS	500	1.0	mg/L		515			2.96	10	
<b>Batch B0B0994 - No Prep Micro</b>										
<b>Blank (B0B0994-BLK1)</b>					<b>Prepared &amp; Analyzed: 2/6/2020 2:50:00PM</b>					
E coli IDEXX	ND	1	mpn/100ml							
<b>Duplicate (B0B0994-DUP1)</b>					<b>Source: C0B1079-01 Prepared &amp; Analyzed: 2/6/2020 2:50:00PM</b>					
E coli IDEXX	ND	2	mpn/100ml		ND				200	
<b>Batch B0B1099 - No Prep</b>										
<b>Blank (B0B1099-BLK1)</b>					<b>Prepared &amp; Analyzed: 2/10/2020 10:30:00AM</b>					
Ammonia as N	ND	0.1	mg/L							
<b>LCS (B0B1099-BS1)</b>					<b>Prepared &amp; Analyzed: 2/10/2020 10:30:00AM</b>					
Ammonia as N	1.90		mg/L	2.00		95.0	90-110			
<b>LCS Dup (B0B1099-BSD1)</b>					<b>Prepared &amp; Analyzed: 2/10/2020 10:30:00AM</b>					
Ammonia as N	1.90		mg/L	2.00		95.0	90-110	0.00	20	
<b>MRL Check (B0B1099-MRL1)</b>					<b>Prepared &amp; Analyzed: 2/10/2020 10:30:00AM</b>					
Ammonia as N	0.100		mg/L	0.100		100	0-200			
<b>Matrix Spike (B0B1099-MS1)</b>					<b>Source: C0B1407-01 Prepared &amp; Analyzed: 2/10/2020 10:30:00AM</b>					
Ammonia as N	2.7	0.1	mg/L	2.50	0.4	93.6	80-120			
<b>Batch B0B1131 - No Prep</b>										
<b>Blank (B0B1131-BLK1)</b>					<b>Prepared &amp; Analyzed: 2/18/2020 8:00:00AM</b>					
Nitrate+Nitrite as N	ND	0.02	mg/L							
<b>LCS (B0B1131-BS1)</b>					<b>Prepared &amp; Analyzed: 2/18/2020 8:00:00AM</b>					
Nitrate+Nitrite as N	1.00		mg/L	1.00		100	90-110			
<b>LCS Dup (B0B1131-BSD1)</b>					<b>Prepared &amp; Analyzed: 2/18/2020 8:00:00AM</b>					
Nitrate+Nitrite as N	1.03		mg/L	1.00		103	90-110	2.96	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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**SM 4500 NO3 F - Quality Control**  
**Eastex Environmental Laboratory - Coldspring**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B0B1131 - No Prep</b>										
<b>MRL Check (B0B1131-MRL1)</b>					<b>Prepared &amp; Analyzed: 2/18/2020 8:00:00AM</b>					
Nitrate+Nitrite as N	0.0200		mg/L	0.0200		100	0-200			
<b>Matrix Spike (B0B1131-MS1)</b>					<b>Source: C0B1483-01 Prepared &amp; Analyzed: 2/18/2020 8:00:00AM</b>					
Nitrate+Nitrite as N	1.10	0.02	mg/L	1.00	0.0200	108	80-120			
<b>Batch B0C0003 - EPA 200.7</b>										
<b>Blank (B0C0003-BLK1)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 4:46:55PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0C0003-BLK2)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 5:45:57PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0C0003-BLK3)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 6:44:57PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0C0003-BLK4)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 7:43:57PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>LCS (B0C0003-BS1)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 4:50:22PM</b>					
Total Phosphorus	2.45	0.0600	mg/L	2.52		97.1	85-115			
<b>LCS (B0C0003-BS2)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 5:49:25PM</b>					
Total Phosphorus	2.70	0.0600	mg/L	2.52		107	85-115			
<b>LCS (B0C0003-BS3)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 6:48:26PM</b>					
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115			
<b>LCS (B0C0003-BS4)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 7:47:25PM</b>					
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115			
<b>LCS Dup (B0C0003-BSD1)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 4:53:51PM</b>					
Total Phosphorus	2.48	0.0600	mg/L	2.52		98.4	85-115	1.28	20	
<b>LCS Dup (B0C0003-BSD2)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 5:52:52PM</b>					
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115	1.07	20	
<b>LCS Dup (B0C0003-BSD3)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 6:51:54PM</b>					
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115	0.0638	20	
<b>MRL Check (B0C0003-MRL1)</b>					<b>Prepared &amp; Analyzed: 3/2/2020 4:43:26PM</b>					

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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 B0C0003 - EPA 200.7</b>										
<b>MRL Check (B0C0003-MRL1)</b>				<b>Prepared &amp; Analyzed: 3/2/2020 4:43:26PM</b>						
Total Phosphorus	0.0515	0.0600	mg/L	2.52	2.04	0-200				
<b>Matrix Spike (B0C0003-MS1)</b>				<b>Source: C0B0901-01 Prepared &amp; Analyzed: 3/2/2020 5:04:14PM</b>						
Total Phosphorus	2.72	0.0600	mg/L	2.52	0.0580	106	70-130			
<b>Matrix Spike (B0C0003-MS2)</b>				<b>Source: C0B1770-01 Prepared &amp; Analyzed: 3/2/2020 6:03:18PM</b>						
Total Phosphorus	3.00	0.0600	mg/L	2.52	0.0254	118	70-130			
<b>Matrix Spike (B0C0003-MS3)</b>				<b>Source: C0B2931-02 Prepared &amp; Analyzed: 3/2/2020 7:02:19PM</b>						
Total Phosphorus	1.89	0.0600	mg/L	2.52	0.0678	72.3	70-130			
<b>Matrix Spike (B0C0003-MS4)</b>				<b>Source: C0B5056-03 Prepared &amp; Analyzed: 3/2/2020 8:01:16PM</b>						
Total Phosphorus	3.01	0.0600	mg/L	2.52	ND	119	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

www.eastexlabs.com

REPORT TO: Christie Taylor

INVOICE TO: Christie Taylor

Company: TCWP AgricLife Extension  
Address: 1335 Regents Park Blvd  
Houston TX 77058  
Attn: Christie Taylor  
Phone#: 979-399-4009  
Email: cctaylor@tamuk.edu  
P.O. #:

Company: TCWP AgricLife Extension  
Address: 1335 Regents Park Blvd  
Houston TX 77058  
Attn: Christie Taylor  
Phone#: 979-399-4009

Remarks:

INSTRUCTIONS:

C = Composite G = Grab  
Matrix: DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT=Other  
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  
Type: P=Plastic G=Glass T=Teflon S=Sterile  
Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Causic Z=Zn Acetate  
ST=Sodium Thiosulfate H=HCL O=Other

Sampler's Name (print):

Christie Taylor

Sampler's Signature:

Christie Taylor

Project Name:

TCWP stormwater sampling

Work Order ID Sample ID Date

COB1483 UTRP 102-11 7/6/20

Time	Matrix	C or G	DO	pH	Cl2	Flow	Temp	#	Size	Type	Pres
8:49	OT	G	14.0	7.47	—	—	7.6	1	3	P	C
								1	5	P	9/2
								1	6	P	9/5
								1	4	P	9/5
								1	4	P	9/5

ANALYSIS REQUESTED  
TSS  
E. coli  
NO2 + NO3  
NH3-N

Relinquished By: Christie Taylor

Received By: *[Signature]*

Date: 7/6/20

Received Iced: YES / NO

Relinquished By:

Received By:

Date:

Received Iced: YES / NO

Relinquished By: *[Signature]*

Received By: *[Signature]*

Date: 7/6/20

Received Iced: YES / NO

LAB USE ONLY  
Alternate Check In:

Sample Condition Acceptable: YES / NO

Date: 7/6/20

Time: 1:35

Date: 7/6/20

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