



P.O. Box 1089 Coldspring Tx 77331  
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May 07, 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 04/29/20 15:35, with Lab ID Number C0D6148. 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".

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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: 04/29/2020 10:48  
 Collector: CT  
 Sample Type: Grab  
 Print Date: 5/7/2020

**PTWB 302-1  
 C0D6148-01 (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	B0D3861	04/30/2020 19:11	EPA 200.7	
<b><u>Microbiological Lab</u></b>								
E coli IDEXX	9800	10	mpn/100ml	A	B0D3949	04/29/2020 15:48	Colilert 18	
<b><u>Wet Lab</u></b>								
Ammonia as N	<0.1	0.1	mg/L	A	B0E0406	05/05/2020 16:31	SM 4500 NH3 G	
Nitrate+Nitrite as N	2.26	0.02	mg/L	A	B0E0204	05/04/2020 14:40	SM 4500 NO3 F	
TSS	51.2	1.0	mg/L	A	B0D3874	04/30/2020 13:43	SM 2540 D	



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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 B0D3861 - EPA 200.7</b>										
<b>Blank (B0D3861-BLK1)</b> Prepared & Analyzed: 4/30/2020 4:35:30PM										
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0D3861-BLK2)</b> Prepared & Analyzed: 4/30/2020 5:34:34PM										
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0D3861-BLK3)</b> Prepared & Analyzed: 4/30/2020 6:33:35PM										
Total Phosphorus	ND	0.0600	mg/L							
<b>LCS (B0D3861-BS1)</b> Prepared & Analyzed: 4/30/2020 4:38:59PM										
Total Phosphorus	2.59	0.0600	mg/L	2.52		103	85-115			
<b>LCS (B0D3861-BS2)</b> Prepared & Analyzed: 4/30/2020 5:38:02PM										
Total Phosphorus	2.68	0.0600	mg/L	2.52		106	85-115			
<b>LCS (B0D3861-BS3)</b> Prepared & Analyzed: 4/30/2020 6:37:03PM										
Total Phosphorus	2.66	0.0600	mg/L	2.52		105	85-115			
<b>LCS Dup (B0D3861-BSD1)</b> Prepared & Analyzed: 4/30/2020 4:42:28PM										
Total Phosphorus	2.56	0.0600	mg/L	2.52		101	85-115	1.41	20	
<b>LCS Dup (B0D3861-BSD2)</b> Prepared & Analyzed: 4/30/2020 5:41:29PM										
Total Phosphorus	2.74	0.0600	mg/L	2.52		109	85-115	2.30	20	
<b>LCS Dup (B0D3861-BSD3)</b> Prepared & Analyzed: 4/30/2020 6:40:31PM										
Total Phosphorus	2.76	0.0600	mg/L	2.52		110	85-115	3.98	20	
<b>MRL Check (B0D3861-MRL1)</b> Prepared & Analyzed: 4/30/2020 4:32:01PM										
Total Phosphorus	0.0595		mg/L	0.0600		99.2	0-200			
<b>Matrix Spike (B0D3861-MS1)</b> Source: C0D4603-04 Prepared & Analyzed: 5/1/2020 7:40:26AM										
Total Phosphorus	2.34	0.0600	mg/L	2.52	0.0538	90.7	70-130			
<b>Matrix Spike (B0D3861-MS2)</b> Source: C0D4943-03 Prepared & Analyzed: 5/1/2020 7:43:55AM										
Total Phosphorus	2.38	0.0600	mg/L	2.52	0.108	90.2	70-130			
<b>Matrix Spike (B0D3861-MS3)</b> Source: C0D5830-02 Prepared & Analyzed: 5/1/2020 7:47:24AM										
Total Phosphorus	3.21	0.0600	mg/L	2.52	1.07	84.9	70-130			
<b>Batch B0D3874 - No Prep</b>										
<b>Blank (B0D3874-BLK1)</b> Prepared & Analyzed: 4/30/2020 1:43:00PM										

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 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 B0D3874 - No Prep</b>										
<b>Blank (B0D3874-BLK1)</b>					<b>Prepared &amp; Analyzed: 4/30/2020 1:43:00PM</b>					
TSS	ND	1.0	mg/L							
<b>Duplicate (B0D3874-DUP1)</b>					<b>Source: C0D5647-01 Prepared &amp; Analyzed: 4/30/2020 1:43:00PM</b>					
TSS	82.0	1.0	mg/L		78.0			5.00	10	
<b>Batch B0D3949 - No Prep Micro</b>										
<b>Blank (B0D3949-BLK1)</b>					<b>Prepared &amp; Analyzed: 4/29/2020 3:48:00PM</b>					
E coli IDEXX	ND	1	mpn/100ml							
<b>Duplicate (B0D3949-DUP1)</b>					<b>Source: C0D5676-01 Prepared &amp; Analyzed: 4/29/2020 3:48:00PM</b>					
E coli IDEXX	ND	2	mpn/100ml		ND				200	
<b>Batch B0E0204 - No Prep</b>										
<b>Blank (B0E0204-BLK1)</b>					<b>Prepared &amp; Analyzed: 5/4/2020 2:40:00PM</b>					
Nitrate+Nitrite as N	ND	0.02	mg/L							
<b>LCS (B0E0204-BS1)</b>					<b>Prepared &amp; Analyzed: 5/4/2020 2:40:00PM</b>					
Nitrate+Nitrite as N	0.900		mg/L	1.00		90.0	90-110			
<b>LCS Dup (B0E0204-BSD1)</b>					<b>Prepared &amp; Analyzed: 5/4/2020 2:40:00PM</b>					
Nitrate+Nitrite as N	0.970		mg/L	1.00		97.0	90-110	7.49	20	
<b>MRL Check (B0E0204-MRL1)</b>					<b>Prepared &amp; Analyzed: 5/4/2020 2:40:00PM</b>					
Nitrate+Nitrite as N	0.0200		mg/L	0.0200		100	0-200			
<b>Matrix Spike (B0E0204-MS1)</b>					<b>Source: C0D6145-01 Prepared &amp; Analyzed: 5/4/2020 2:40:00PM</b>					
Nitrate+Nitrite as N	3.57	0.02	mg/L	1.00	2.73	83.3	80-120			
<b>Batch B0E0406 - No Prep</b>										
<b>Blank (B0E0406-BLK1)</b>					<b>Prepared &amp; Analyzed: 5/5/2020 4:20:00PM</b>					
Ammonia as N	ND	0.1	mg/L							
<b>LCS (B0E0406-BS1)</b>					<b>Prepared &amp; Analyzed: 5/5/2020 4:18:00PM</b>					
Ammonia as N	1.97		mg/L	2.00		98.4	90-110			
<b>LCS Dup (B0E0406-BSD1)</b>					<b>Prepared &amp; Analyzed: 5/5/2020 4:08:00PM</b>					
Ammonia as N	2.20		mg/L	2.00		110	90-110	11.3	20	

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**SM 4500 NH3 G - Quality Control**  
**Eastex Environmental Laboratory - Coldspring**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B0E0406 - No Prep</b>										
<b>MRL Check (B0E0406-MRL1)</b>					<b>Prepared &amp; Analyzed: 5/5/2020 4:10:00PM</b>					
Ammonia as N	0.0990		mg/L	0.100		99.0	0-200			
<b>Matrix Spike (B0E0406-MS1)</b>					<b>Prepared &amp; Analyzed: 5/5/2020 4:12:00PM</b>					
		<b>Source: C0D5830-01</b>								
Ammonia as N	2.8	0.1	mg/L	2.50	0.02	113	80-120			



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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  
 www.eastexlabs.com

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

REPORT TO: *Christie Taylor*

INVOICE TO: *Christie Taylor*

Company: *TCWP Aquilite*

Company: *TCWP Aquilite*

Remarks:

Address: *1335 Regent Park Suite 260*

Address: *1335 Regent Park Suite 260*

City: *Houston TX 77058*

City: *Houston TX 77058*

Attn:

Attn:

Phone#: *979-399-4009*

Phone#: *979-399-4009*

Email: *ctaylor@tcwp.com*

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

Project Name:

Field Data

Containers

ANALYSIS REQUESTED

TSS	
Total Phosphate	
E coli	
NO <sub>2</sub> +NO <sub>3</sub>	
NA <sub>3</sub> N	

Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	Cl2	Flow	Temp	#	Size	Type	Pres
CD 1048	PTWB302-1	4/29	10:48	W	C	9.2	8.33	-	-	21°C	1	3	P	C
											1	4	P	9/5
											1	4	P	9/5
											1	4	P	9/5

Relinquished By: *Christie Taylor* Received By: *Wendy Bolton* Date: *4/29/20* Time: *3:50*  
 Received Iced: YES / NO

Relinquished By: *Wendy Bolton* Received By: *Rob Pruitt* Date: *4/29/20* Time: *3:55*  
 Received Iced: YES / NO

LAB USE ONLY  
 Sample Condition Acceptable: YES / NO  
 Date: *4/01/20* Time: *10:20*  
 Received Iced: YES / NO