



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 C0D6147. 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: 04/29/2020 12:04
 Collector: CT
 Sample Type: Grab
 Print Date: 5/7/2020

**EG 201-5
 C0D6147-01 (Water)**

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<u>Metals</u>								
Total Phosphorus	0.149	0.0600	mg/L	A	B0D3861	04/30/2020 19:08	EPA 200.7	
<u>Microbiological Lab</u>								
E coli IDEXX	12000	10	mpn/100ml	A	B0D3949	04/29/2020 15:48	Colilert 18	
<u>Wet Lab</u>								
Ammonia as N	<0.1	0.1	mg/L	A	B0E0406	05/05/2020 16:29	SM 4500 NH3 G	
Nitrate+Nitrite as N	1.87	0.02	mg/L	A	B0E0204	05/04/2020 14:40	SM 4500 NO3 F	
TSS	34.0	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	RPD RPD	RPD RPD	Notes
Batch B0D3861 - EPA 200.7									
Blank (B0D3861-BLK1)				Prepared & Analyzed: 4/30/2020 4:35:30PM					
Total Phosphorus	ND	0.0600	mg/L						
Blank (B0D3861-BLK2)				Prepared & Analyzed: 4/30/2020 5:34:34PM					
Total Phosphorus	ND	0.0600	mg/L						
Blank (B0D3861-BLK3)				Prepared & Analyzed: 4/30/2020 6:33:35PM					
Total Phosphorus	ND	0.0600	mg/L						
LCS (B0D3861-BS1)				Prepared & Analyzed: 4/30/2020 4:38:59PM					
Total Phosphorus	2.59	0.0600	mg/L	2.52		103	85-115		
LCS (B0D3861-BS2)				Prepared & Analyzed: 4/30/2020 5:38:02PM					
Total Phosphorus	2.68	0.0600	mg/L	2.52		106	85-115		
LCS (B0D3861-BS3)				Prepared & Analyzed: 4/30/2020 6:37:03PM					
Total Phosphorus	2.66	0.0600	mg/L	2.52		105	85-115		
LCS Dup (B0D3861-BSD1)				Prepared & Analyzed: 4/30/2020 4:42:28PM					
Total Phosphorus	2.56	0.0600	mg/L	2.52		101	85-115	1.41	20
LCS Dup (B0D3861-BSD2)				Prepared & Analyzed: 4/30/2020 5:41:29PM					
Total Phosphorus	2.74	0.0600	mg/L	2.52		109	85-115	2.30	20
LCS Dup (B0D3861-BSD3)				Prepared & Analyzed: 4/30/2020 6:40:31PM					
Total Phosphorus	2.76	0.0600	mg/L	2.52		110	85-115	3.98	20
MRL Check (B0D3861-MRL1)				Prepared & Analyzed: 4/30/2020 4:32:01PM					
Total Phosphorus	0.0595		mg/L	0.0600		99.2	0-200		
Matrix Spike (B0D3861-MS1)				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		
Matrix Spike (B0D3861-MS2)				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		
Matrix Spike (B0D3861-MS3)				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		
Batch B0D3874 - No Prep									
Blank (B0D3874-BLK1)				Prepared & Analyzed: 4/30/2020 1:43:00PM					

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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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SM 2540 D - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
Batch B0D3874 - No Prep										
Blank (B0D3874-BLK1)					Prepared & Analyzed: 4/30/2020 1:43:00PM					
TSS	ND	1.0	mg/L							
Duplicate (B0D3874-DUP1)					Source: C0D5647-01 Prepared & Analyzed: 4/30/2020 1:43:00PM					
TSS	82.0	1.0	mg/L		78.0			5.00	10	
Batch B0D3949 - No Prep Micro										
Blank (B0D3949-BLK1)					Prepared & Analyzed: 4/29/2020 3:48:00PM					
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B0D3949-DUP1)					Source: C0D5676-01 Prepared & Analyzed: 4/29/2020 3:48:00PM					
E coli IDEXX	ND	2	mpn/100ml		ND				200	
Batch B0E0204 - No Prep										
Blank (B0E0204-BLK1)					Prepared & Analyzed: 5/4/2020 2:40:00PM					
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B0E0204-BS1)					Prepared & Analyzed: 5/4/2020 2:40:00PM					
Nitrate+Nitrite as N	0.900		mg/L	1.00		90.0	90-110			
LCS Dup (B0E0204-BSD1)					Prepared & Analyzed: 5/4/2020 2:40:00PM					
Nitrate+Nitrite as N	0.970		mg/L	1.00		97.0	90-110	7.49	20	
MRL Check (B0E0204-MRL1)					Prepared & Analyzed: 5/4/2020 2:40:00PM					
Nitrate+Nitrite as N	0.0200		mg/L	0.0200		100	0-200			
Matrix Spike (B0E0204-MS1)					Source: C0D6145-01 Prepared & Analyzed: 5/4/2020 2:40:00PM					
Nitrate+Nitrite as N	3.57	0.02	mg/L	1.00	2.73	83.3	80-120			
Batch B0E0406 - No Prep										
Blank (B0E0406-BLK1)					Prepared & Analyzed: 5/5/2020 4:20:00PM					
Ammonia as N	ND	0.1	mg/L							
LCS (B0E0406-BS1)					Prepared & Analyzed: 5/5/2020 4:18:00PM					
Ammonia as N	1.97		mg/L	2.00		98.4	90-110			
LCS Dup (B0E0406-BSD1)					Prepared & Analyzed: 5/5/2020 4:08:00PM					
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
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0E0406 - No Prep										
MRL Check (B0E0406-MRL1)				Prepared & Analyzed: 5/5/2020 4:10:00PM						
Ammonia as N	0.0990		mg/L	0.100		99.0	0-200			
Matrix Spike (B0E0406-MS1)				Source: C0D5830-01 Prepared & Analyzed: 5/5/2020 4:12:00PM						
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

