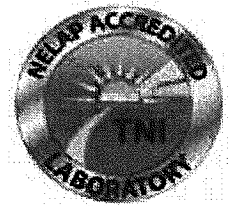




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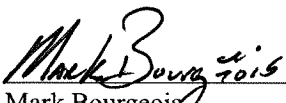
February 04, 2020

Texas A&M Agrilife  
Texas A and M AgriLife  
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Houston, TX 77058

**TX A and M Community Watershed Stormwater**

Enclosed are the results of analyses for samples received by the laboratory on 01/14/20 15:20, with Lab ID Number C0A3046. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

  
\_\_\_\_\_  
Mark Bourgeois  
Special Projects Manager



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### LABORATORY ANALYTICAL REPORT

Project: TX A and M Community Watershed Ambient  
 Sample Matrix: Water  
 Client Matrix: Water

Sample Date & Time: 01/13/2020 17:26  
 Collector: CT  
 Sample Type: Grab  
 Print Date: 2/4/2020

**EG-201-3**  
**C0A3046-01 (Water)**

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<b><u>Metals</u></b>								
Total Phosphorus	0.149	0.0600	mg/L	A	B0B0016	02/03/2020 15:18	EPA 200.7	
<b><u>Microbiological Lab</u></b>								
E coli IDEXX	4610	10	mpn/100ml	A	B0A1872	01/14/2020 16:07	Colilert 18	
<b><u>Wet Lab</u></b>								
Ammonia as N	<0.1	0.1	mg/L	A	B0A2597	01/21/2020 14:31	SM 4500 NH3 G	
Nitrate+Nitrite as N	0.23	0.02	mg/L	A	B0A2486	01/21/2020 08:30	SM 4500 NO3 F	
TSS	24.4	1.0	mg/L	A	B0A1841	01/15/2020 17:13	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 B0A1841 - No Prep</b>										
<b>Blank (B0A1841-BLK1)</b>					<b>Prepared &amp; Analyzed: 1/15/2020 5:13:00PM</b>					
TSS	ND	1.0	mg/L							
<b>Duplicate (B0A1841-DUP1)</b>					<b>Source: C0A2429-01 Prepared &amp; Analyzed: 1/15/2020 5:13:00PM</b>					
TSS	92.0	1.0	mg/L		90.0			2.20	10	
<b>Batch B0A1872 - No Prep Micro</b>										
<b>Blank (B0A1872-BLK1)</b>					<b>Prepared &amp; Analyzed: 1/14/2020 4:07:00PM</b>					
E coli IDEXX	ND	1	mpn/100ml							
<b>Duplicate (B0A1872-DUP1)</b>					<b>Source: C0A2657-01 Prepared &amp; Analyzed: 1/14/2020 4:07:00PM</b>					
E coli IDEXX	ND	2	mpn/100ml		2				200	
<b>Batch B0A2486 - No Prep</b>										
<b>Blank (B0A2486-BLK1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 8:30:00AM</b>					
Nitrate+Nitrite as N	ND	0.02	mg/L							
<b>LCS (B0A2486-BS1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 8:30:00AM</b>					
Nitrate+Nitrite as N	0.950		mg/L	1.00		95.0	90-110			
<b>LCS Dup (B0A2486-BSD1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 8:30:00AM</b>					
Nitrate+Nitrite as N	0.980		mg/L	1.00		98.0	90-110	3.11	20	
<b>MRL Check (B0A2486-MRL1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 8:30:00AM</b>					
Nitrate+Nitrite as N	0.0200		mg/L	0.0200		100	0-200			
<b>Matrix Spike (B0A2486-MS1)</b>					<b>Source: C0A2750-02 Prepared &amp; Analyzed: 1/21/2020 8:30:00AM</b>					
Nitrate+Nitrite as N	1.13	0.02	mg/L	1.00	ND	113	80-120			
<b>Batch B0A2597 - No Prep</b>										
<b>Blank (B0A2597-BLK1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 2:09:00PM</b>					
Ammonia as N	ND	0.1	mg/L							
<b>LCS (B0A2597-BS1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 2:05:00PM</b>					
Ammonia as N	2.02		mg/L	2.00		101	90-110			
<b>LCS Dup (B0A2597-BSD1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 2:03:00PM</b>					
Ammonia as N	2.04		mg/L	2.00		102	90-110	0.837	20	

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document.  
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\*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved



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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 B0A2597 - No Prep</b>										
<b>MRL Check (B0A2597-MRL1)</b>					<b>Prepared &amp; Analyzed: 1/21/2020 2:07:00PM</b>					
Ammonia as N	0.112		mg/L	0.100		112	0-200			
<b>Matrix Spike (B0A2597-MS1)</b>					<b>Source: C0A2750-01 Prepared &amp; Analyzed: 1/21/2020 2:13:00PM</b>					
Ammonia as N	3.2	0.1	mg/L	2.50	0.6	105	80-120			
<b>Batch B0B0016 - EPA 200.7</b>										
<b>Blank (B0B0016-BLK1)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 2:36:49PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0B0016-BLK2)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 3:31:47PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0B0016-BLK3)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 4:26:33PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>Blank (B0B0016-BLK4)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 5:21:31PM</b>					
Total Phosphorus	ND	0.0600	mg/L							
<b>LCS (B0B0016-BS1)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 2:40:02PM</b>					
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115			
<b>LCS (B0B0016-BS2)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 3:35:01PM</b>					
Total Phosphorus	2.59	0.0600	mg/L	2.52		103	85-115			
<b>LCS (B0B0016-BS3)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 4:29:48PM</b>					
Total Phosphorus	2.68	0.0600	mg/L	2.52		106	85-115			
<b>LCS (B0B0016-BS4)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 5:24:45PM</b>					
Total Phosphorus	2.71	0.0600	mg/L	2.52		107	85-115			
<b>LCS Dup (B0B0016-BSD1)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 2:43:15PM</b>					
Total Phosphorus	2.58	0.0600	mg/L	2.52		102	85-115	1.78	20	
<b>LCS Dup (B0B0016-BSD2)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 3:38:14PM</b>					
Total Phosphorus	2.58	0.0600	mg/L	2.52		102	85-115	0.351	20	
<b>LCS Dup (B0B0016-BSD3)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 4:33:02PM</b>					
Total Phosphorus	2.72	0.0600	mg/L	2.52		108	85-115	1.62	20	
<b>LCS Dup (B0B0016-BSD4)</b>					<b>Prepared &amp; Analyzed: 2/3/2020 5:28:00PM</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 B0B0016 - EPA 200.7</b>										
<b>LCS Dup (B0B0016-BSD4)</b> <span style="float: right;"><b>Prepared &amp; Analyzed: 2/3/2020 5:28:00PM</b></span>										
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115	0.821	20	
<b>MRL Check (B0B0016-MRL1)</b> <span style="float: right;"><b>Prepared &amp; Analyzed: 2/3/2020 2:33:36PM</b></span>										
Total Phosphorus	0.0672		mg/L	0.0600		112	0-200			
<b>Matrix Spike (B0B0016-MS1)</b> <span style="float: right;"><b>Prepared &amp; Analyzed: 2/3/2020 2:52:59PM</b></span> <b>Source: C0A0581-01</b>										
Total Phosphorus	6.03	0.0600	mg/L	2.52	3.01	120	70-130			
<b>Matrix Spike (B0B0016-MS2)</b> <span style="float: right;"><b>Prepared &amp; Analyzed: 2/3/2020 3:47:53PM</b></span> <b>Source: C0A0581-09</b>										
Total Phosphorus	3.59	0.0600	mg/L	2.52	0.552	120	70-130			
<b>Matrix Spike (B0B0016-MS3)</b> <span style="float: right;"><b>Prepared &amp; Analyzed: 2/3/2020 4:42:44PM</b></span> <b>Source: C0A4454-01</b>										
Total Phosphorus	2.88	0.0600	mg/L	2.52	0.0433	113	70-130			
<b>Matrix Spike (B0B0016-MS4)</b> <span style="float: right;"><b>Prepared &amp; Analyzed: 2/3/2020 5:37:41PM</b></span> <b>Source: C0A6050-01</b>										
Total Phosphorus	3.02	0.0600	mg/L	2.52	0.126	115	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

