



P.O. Box 1089 Coldspring Tx 77331
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Texas A and M AgriLife
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 1335 Regents Park Dr. Ste. 260
 Houston, TX 77058

LABORATORY ANALYTICAL REPORT

Project: TX A and M Community Stormwater

Sample Site:	UTRP 102-10		Sample Number:	C0A6156-01		Collector:	CT			
Sample Type:	Grab					Sampled:	01/29/2020 16:57			
Sample Matrix:	Water					Received:	01/30/2020 15:30			
Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes	
Ammonia as N	0.3	0.1	mg/L	A	B0B1098	02/11/2020 10:30	LAB	SM 4500 NH3 G		
E coli IDEXX	<10	10	mpn/100ml	A	B0A4139	01/30/2020 17:04	SDS	Colilert 18		
Nitrate+Nitrite as N	0.04	0.02	mg/L	A	B0B0163	02/04/2020 08:40	LAB	SM 4500 NO3 F		
Total Phosphorus	<0.0600	0.0600	mg/L	A	B0B0016	02/03/2020 17:44	LAN	EPA 200.7		
TSS	6.8	1.0	mg/L	A	B0A4122	01/31/2020 17:17	CSW	SM 2540 D	25	



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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 B0A4122 - No Prep										
Blank (B0A4122-BLK1)				Prepared & Analyzed: 01/31/20						
TSS	ND	1.0	mg/L							
Duplicate (B0A4122-DUP1)				Source: C0A5857-01 Prepared & Analyzed: 01/31/20						
TSS	1350	1.0	mg/L		1380			2.20	10	
Batch B0A4139 - No Prep Micro										
Blank (B0A4139-BLK1)				Prepared & Analyzed: 01/30/20						
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B0A4139-DUP1)				Source: C0A5937-01 Prepared & Analyzed: 01/30/20						
E coli IDEXX	ND	2	mpn/100ml		ND				200	
Batch B0B0016 - EPA 200.7										
Blank (B0B0016-BLK1)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0B0016-BLK2)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0B0016-BLK3)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0B0016-BLK4)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	ND	0.0600	mg/L							
LCS (B0B0016-BS1)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115			
LCS (B0B0016-BS2)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.59	0.0600	mg/L	2.52		103	85-115			
LCS (B0B0016-BS3)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.68	0.0600	mg/L	2.52		106	85-115			
LCS (B0B0016-BS4)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.71	0.0600	mg/L	2.52		107	85-115			
LCS Dup (B0B0016-BSD1)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.58	0.0600	mg/L	2.52		102	85-115	1.78	20	
LCS Dup (B0B0016-BSD2)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.58	0.0600	mg/L	2.52		102	85-115	0.351	20	
LCS Dup (B0B0016-BSD3)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.72	0.0600	mg/L	2.52		108	85-115	1.62	20	

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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. Alkalinity titrated to pH 4.5 endpoint.*



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EPA 200.7 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0B0016 - EPA 200.7										
LCS Dup (B0B0016-BSD4)				Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115	0.821	20	
Matrix Spike (B0B0016-MS1)				Source: C0A0581-01 Prepared & Analyzed: 02/03/20						
Total Phosphorus	6.03	0.0600	mg/L	2.52	3.01	120	70-130			
Matrix Spike (B0B0016-MS2)				Source: C0A0581-09 Prepared & Analyzed: 02/03/20						
Total Phosphorus	3.59	0.0600	mg/L	2.52	0.552	120	70-130			
Matrix Spike (B0B0016-MS3)				Source: C0A4454-01 Prepared & Analyzed: 02/03/20						
Total Phosphorus	2.88	0.0600	mg/L	2.52	0.0433	113	70-130			
Matrix Spike (B0B0016-MS4)				Source: C0A6050-01 Prepared & Analyzed: 02/03/20						
Total Phosphorus	3.02	0.0600	mg/L	2.52	0.126	115	70-130			
Batch B0B0163 - No Prep										
Blank (B0B0163-BLK1)				Prepared & Analyzed: 02/04/20						
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B0B0163-BS1)				Prepared & Analyzed: 02/04/20						
Nitrate+Nitrite as N	0.980		mg/L	1.00		98.0	90-110			
LCS Dup (B0B0163-BSD1)				Prepared & Analyzed: 02/04/20						
Nitrate+Nitrite as N	1.01		mg/L	1.00		101	90-110	3.02	20	
Matrix Spike (B0B0163-MS1)				Source: C0A6047-01 Prepared & Analyzed: 02/04/20						
Nitrate+Nitrite as N	1.09	0.02	mg/L	1.00	0.0900	100	80-120			



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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 B0B1098 - No Prep										
Blank (B0B1098-BLK1)				Prepared & Analyzed: 02/11/20						
Ammonia as N	ND	0.1	mg/L							
LCS (B0B1098-BS1)				Prepared & Analyzed: 02/11/20						
Ammonia as N	1.90		mg/L	2.00		95.0	90-110			
LCS Dup (B0B1098-BSD1)				Prepared & Analyzed: 02/11/20						
Ammonia as N	1.90		mg/L	2.00		95.0	90-110	0.00	20	
Matrix Spike (B0B1098-MS1)				Source: C0A6047-01 Prepared & Analyzed: 02/11/20						
Ammonia as N	2.8	0.1	mg/L	2.50	0.05	108	80-120			

Mark Bourgeois

Mark Bourgeois, Special Projects Manager

Qualifiers

25 Residue not in the method range of 2.5-200 mg.

