



P.O. Box 1089 Coldspring Tx 77331
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 Tel: 936 653 3249



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:	EG 201-4	Sample Number:	C0A6048-01		Collector:	CT				
Sample Type:	Grab				Sampled:	01/28/2020 15:02				
Sample Matrix:	Water				Received:	01/29/2020 15:55				
Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes	
Ammonia as N	<0.1	0.1	mg/L	A	B0B1098	02/11/2020 10:30	LAB	SM 4500 NH3 G		
E coli IDEXX	2280	10	mpn/100ml	A	B0A3925	01/29/2020 16:19	SDS	Colilert 18		
Nitrate+Nitrite as N	0.46	0.02	mg/L	A	B0B0163	02/04/2020 08:40	LAB	SM 4500 NO3 F		
Total Phosphorus	0.156	0.0600	mg/L	A	B0B0016	02/03/2020 17:08	LAN	EPA 200.7		
TSS	31.9	1.0	mg/L	A	B0A3874	01/30/2020 15:45	NLS	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
Batch B0A3874 - No Prep										
Blank (B0A3874-BLK1)				Prepared & Analyzed: 01/30/20						
TSS	ND	1.0	mg/L							
Duplicate (B0A3874-DUP1)				Source: C0A5505-01 Prepared & Analyzed: 01/30/20						
TSS	112	1.0	mg/L		114			1.77	10	
Batch B0A3925 - No Prep Micro										
Blank (B0A3925-BLK1)				Prepared & Analyzed: 01/29/20						
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B0A3925-DUP1)				Source: C0A5536-01 Prepared & Analyzed: 01/29/20						
E coli IDEXX	ND	2	mpn/100ml		2				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



EASTEX ENVIRONMENTAL LABORATORY, INC.

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

www.eastexlabs.com

REPORT TO: Christie Taylor
Company: TSWP AgriLik Extension
Address: 1335 Regents Park ~~1335~~ ¹³³⁵ Houston TX 77058
Attn: Christie Taylor
Phone#: 979-399-4009
Email: ctaylor@tamu.edu

INVOICE TO: Christie Taylor
Company: TSWP AgriLik Extension
Address: 1335 Regents Park ~~1335~~ ¹³³⁵ Houston TX 77058
Attn: Christie Taylor
Phone#: 979-399-4009

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/Caustic Z= Zn Acetate
 ST= Sodium Thiosulfate H=HCL O= Other

Sampler's Name (print): Christie Taylor

Sampler's Signature: Christie Taylor

Project Name: TSWP Stormwater Samples

Work Order ID	Sample ID	Date	Field Data				Containers				ANALYSIS REQUESTED	Received Iced: YES / NO			
			Time	Matrix	C or G	DO	pH	CI2	Flow	Temp			#	Size	Type
COAU048	EG701-4	1/23/20	15:06	OT	G	11.6	7.99	-	-17°C	1	3	P	C	TSS	YES
										1	5	P	9/N	E. coli	NO
										1	6	P	9/S	NO2 + NO3	NO
										1	4	P	6/S		NO
										1	4	P	6/S		NO

Relinquished By: Christie Taylor Date: 1-23-20
 Relinquished By: [Signature] Date: 1-23-20
 Relinquished By: [Signature] Date: 1-23-20
 LAB USE ONLY Sample Condition Acceptable: YES / NO
 Alternate Check In: [Signature] Date: 1-23-20

Received By: [Signature] Date: 1-23-20
 Received Iced: YES / NO
 Received Iced: YES / NO
 Received Iced: YES / NO

Thermometer has 0.0 factor and recorded temperature is actual temperature.
 Chain of Custody Revision 3:05/01/18
 Eastex Environmental Laboratory, Inc.