



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



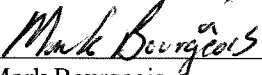
March 03, 2020

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 02/07/20 12:57, with Lab ID Number C0B1770. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mark Bourgeois
Special Projects Manager



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Texas A and M AgriLife
 1335 Regents Park Dr. Ste. 260
 Houston TX, 77058

LABORATORY ANALYTICAL REPORT

Project: TXA and M Community Stormwater
 Sample Matrix: Water
 Client Matrix: Water

Sample Date & Time: 02/07/2020 09:27
 Collector: CT
 Sample Type: Grab
 Print Date: 3/3/2020

UTRP 102-12
C0B1770-01 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<u>Metals</u>								
Total Phosphorus	<0.0600	0.0600	mg/L	A	B0C0003	03/02/2020 17:56	EPA 200.7	
<u>Microbiological Lab</u>								
E coli IDEXX	10	10	mpn/100ml	A	B0B1075	02/07/2020 15:00	Colilert 18	
<u>Wet Lab</u>								
Ammonia as N	0.5	0.1	mg/L	A	B0B1099	02/10/2020 10:30	SM 4500 NH3 G	
Nitrate+Nitrite as N	<0.02	0.02	mg/L	A	B0B1131	02/18/2020 08:00	SM 4500 NO3 F	
TSS	7.9	1.0	mg/L	A	B0B1089	02/10/2020 15:37	SM 2540 D	



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Colilert 18 - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0B1075 - No Prep Micro										
Blank (B0B1075-BLK1)					Prepared & Analyzed: 2/7/2020 3:00:00PM					
E coli IDEXX	ND		1 mpn/100ml							
Duplicate (B0B1075-DUP1)					Source: C0B1511-01 Prepared & Analyzed: 2/7/2020 3:00:00PM					
E coli IDEXX	2	2	mpn/100ml		ND				200	
Batch B0B1089 - No Prep										
Blank (B0B1089-BLK1)					Prepared & Analyzed: 2/10/2020 3:37:00PM					
TSS	ND	1.0	mg/L							
Duplicate (B0B1089-DUP1)					Source: C0B1526-01 Prepared & Analyzed: 2/10/2020 3:37:00PM					
TSS	390	1.0	mg/L		393			0.851	10	
Batch B0B1099 - No Prep										
Blank (B0B1099-BLK1)					Prepared & Analyzed: 2/10/2020 10:30:00AM					
Ammonia as N	ND	0.1	mg/L							
LCS (B0B1099-BS1)					Prepared & Analyzed: 2/10/2020 10:30:00AM					
Ammonia as N	1.90		mg/L	2.00		95.0	90-110			
LCS Dup (B0B1099-BSD1)					Prepared & Analyzed: 2/10/2020 10:30:00AM					
Ammonia as N	1.90		mg/L	2.00		95.0	90-110	0.00	20	
MRL Check (B0B1099-MRL1)					Prepared & Analyzed: 2/10/2020 10:30:00AM					
Ammonia as N	0.100		mg/L	0.100		100	0-200			
Matrix Spike (B0B1099-MS1)					Source: C0B1407-01 Prepared & Analyzed: 2/10/2020 10:30:00AM					
Ammonia as N	2.7	0.1	mg/L	2.50	0.4	93.6	80-120			
Batch B0B1131 - No Prep										
Blank (B0B1131-BLK1)					Prepared & Analyzed: 2/18/2020 8:00:00AM					
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B0B1131-BS1)					Prepared & Analyzed: 2/18/2020 8:00:00AM					
Nitrate+Nitrite as N	1.00		mg/L	1.00		100	90-110			
LCS Dup (B0B1131-BSD1)					Prepared & Analyzed: 2/18/2020 8:00:00AM					
Nitrate+Nitrite as N	1.03		mg/L	1.00		103	90-110	2.96	20	

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 4500 NO3 F - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0B1131 - No Prep										
MRL Check (B0B1131-MRL1)					Prepared & Analyzed: 2/18/2020 8:00:00AM					
Nitrate+Nitrite as N	0.0200		mg/L	0.0200		100	0-200			
Matrix Spike (B0B1131-MS1)					Source: C0B1483-01 Prepared & Analyzed: 2/18/2020 8:00:00AM					
Nitrate+Nitrite as N	1.10	0.02	mg/L	1.00	0.0200	108	80-120			
Batch B0C0003 - EPA 200.7										
Blank (B0C0003-BLK1)					Prepared & Analyzed: 3/2/2020 4:46:55PM					
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0C0003-BLK2)					Prepared & Analyzed: 3/2/2020 5:45:57PM					
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0C0003-BLK3)					Prepared & Analyzed: 3/2/2020 6:44:57PM					
Total Phosphorus	ND	0.0600	mg/L							
Blank (B0C0003-BLK4)					Prepared & Analyzed: 3/2/2020 7:43:57PM					
Total Phosphorus	ND	0.0600	mg/L							
LCS (B0C0003-BS1)					Prepared & Analyzed: 3/2/2020 4:50:22PM					
Total Phosphorus	2.45	0.0600	mg/L	2.52		97.1	85-115			
LCS (B0C0003-BS2)					Prepared & Analyzed: 3/2/2020 5:49:25PM					
Total Phosphorus	2.70	0.0600	mg/L	2.52		107	85-115			
LCS (B0C0003-BS3)					Prepared & Analyzed: 3/2/2020 6:48:26PM					
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115			
LCS (B0C0003-BS4)					Prepared & Analyzed: 3/2/2020 7:47:25PM					
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115			
LCS Dup (B0C0003-BSD1)					Prepared & Analyzed: 3/2/2020 4:53:51PM					
Total Phosphorus	2.48	0.0600	mg/L	2.52		98.4	85-115	1.28	20	
LCS Dup (B0C0003-BSD2)					Prepared & Analyzed: 3/2/2020 5:52:52PM					
Total Phosphorus	2.73	0.0600	mg/L	2.52		108	85-115	1.07	20	
LCS Dup (B0C0003-BSD3)					Prepared & Analyzed: 3/2/2020 6:51:54PM					
Total Phosphorus	2.62	0.0600	mg/L	2.52		104	85-115	0.0638	20	
MRL Check (B0C0003-MRL1)					Prepared & Analyzed: 3/2/2020 4:43:26PM					

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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
Batch B0C0003 - EPA 200.7										
MRL Check (B0C0003-MRL1)				Prepared & Analyzed: 3/2/2020 4:43:26PM						
Total Phosphorus	0.0515	0.0600	mg/L	2.52		2.04	0-200			
Matrix Spike (B0C0003-MS1)				Source: C0B0901-01		Prepared & Analyzed: 3/2/2020 5:04:14PM				
Total Phosphorus	2.72	0.0600	mg/L	2.52	0.0580	106	70-130			
Matrix Spike (B0C0003-MS2)				Source: C0B1770-01		Prepared & Analyzed: 3/2/2020 6:03:18PM				
Total Phosphorus	3.00	0.0600	mg/L	2.52	0.0254	118	70-130			
Matrix Spike (B0C0003-MS3)				Source: C0B2931-02		Prepared & Analyzed: 3/2/2020 7:02:19PM				
Total Phosphorus	1.89	0.0600	mg/L	2.52	0.0678	72.3	70-130			
Matrix Spike (B0C0003-MS4)				Source: C0B5056-03		Prepared & Analyzed: 3/2/2020 8:01:16PM				
Total Phosphorus	3.01	0.0600	mg/L	2.52	ND	119	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



EASTEX ENVIRONMENTAL LABORATORY, INC.

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 (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 Agric Life Extension

Company: TCWP Agric Life Extension

Remarks:

Address: 1335 Regent Park Rd

Address: 1335 Regent Park Rd

Houston TX 77058

Houston TX 77058

Attn: Christie Taylor

Attn: Christie Taylor

Phone #: 979-399-4009

Phone #: 979-399-4009

Email: ctaylor@tamuedu

P.O. #:

C or G: 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=Stainless

Preservatives: C=Cooled 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: TCWP Stormwater Sampling

Work Order ID: cd1700

Sample ID: UTRP102-12

Date: 2-7-20

Time: 9:27

Matrix: OT

C or G: G

DO: 9.18

pH: 7.13

Cl2: ---

Flow: ---

Temp: 84°C

Relinquished By: Christie Taylor

Received By: [Signature]

Date: 2-7-20

Time: 11:20

Received Date: 2-7-20

Time: 11:20

Received Date: 2-7-20

Time: 12:57

Received Date: 2-7-20

Time: 1:37

Relinquished By: [Signature]

Received By: [Signature]

Date: 2-7-20

Time: 12:57

Received Date: 2-7-20

Time: 13:24

Received Date: 2-7-20

Time: 13:24

Received Date: 2-7-20

Time: 13:24

Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	Cl2	Flow	Temp	#	Size	Type	Pres	ANALYSIS REQUESTED					
															TSS	Total phosphate	E. coli	NO ₂ + NO ₃	NH ₃ N	
cd1700	UTRP102-12	2-7-20	9:27	OT	G	9.18	7.13	---	---	84°C	1	3	P	C	X					
											1	5	P	C	X					
											1	6	P	C	X					
											1	4	P	C	X					
											1	4	P	C	X					