



P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249



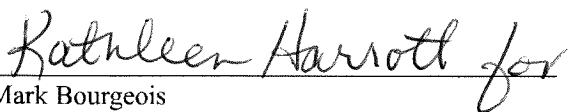
December 23, 2019

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 12/11/19 16:20, with Lab ID Number C9L2886. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mark Bourgeois
Special Projects Manager



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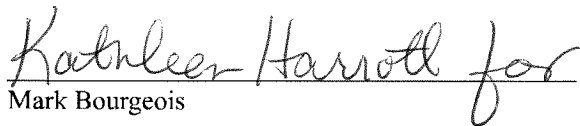
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LABORATORY ANALYTICAL REPORT

Project: TX A and M Community Stormwater

Sample Site:	EG-OUT 202-1	Sample Number:	C9L2889-01		Collector:	CT			
Sample Type:	Grab				Sampled:	12/10/2019	15:34		
Sample Matrix:	Water				Received:	12/11/2019	16:20		
Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Ammonia as N	0.2	0.1	mg/L	A	B9L1899	12/16/2019 15:43	LAB	SM 4500 NH3 G	
E coli IDEXX	24200	10	mpn/100ml	A	B9L1498	12/11/2019 16:40	SDS	Colilert 18	
Nitrate+Nitrite as N	0.42	0.02	mg/L	A	B9L1967	12/16/2019 08:30	LAB	SM 4500 NO3 F	
Total Phosphorus	0.141	0.0600	mg/L	A	B9L2776	12/23/2019 15:18	LAN	EPA 200.7	
TSS	24.0	1.0	mg/L	A	B9L1571	12/12/2019 15:37	CSW	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 Limits	RPD	RPD Limit	Notes
Batch B9L1498 - No Prep Micro									
Blank (B9L1498-BLK1)				Prepared & Analyzed: 12/11/19					
E coli IDEXX	ND	1	mpn/100ml						
Duplicate (B9L1498-DUP1)				Source: C9L2375-01		Prepared & Analyzed: 12/11/19			
E coli IDEXX	ND	2	mpn/100ml		ND			200	
Batch B9L1571 - No Prep									
Blank (B9L1571-BLK1)				Prepared & Analyzed: 12/12/19					
TSS	ND	1.0	mg/L						
Duplicate (B9L1571-DUP1)				Source: C9L2364-01		Prepared & Analyzed: 12/12/19			
TSS	154	1.0	mg/L		152		1.31	10	
Batch B9L1899 - No Prep									
Blank (B9L1899-BLK1)				Prepared & Analyzed: 12/16/19					
Ammonia as N	ND	0.1	mg/L						
LCS (B9L1899-BS1)				Prepared & Analyzed: 12/16/19					
Ammonia as N	2.19		mg/L	2.00		110	90-110		
LCS Dup (B9L1899-BSD1)				Prepared & Analyzed: 12/16/19					
Ammonia as N	2.18		mg/L	2.00		109	90-110	0.548	20
Matrix Spike (B9L1899-MS1)				Source: C9L2885-01		Prepared & Analyzed: 12/16/19			
Ammonia as N	2.7	0.1	mg/L	2.50	0.1	102	80-120		



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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 B9L1967 - No Prep										
Blank (B9L1967-BLK1)				Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B9L1967-BS1)				Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	1.02		mg/L	1.00		102	90-110			
LCS Dup (B9L1967-BSD1)				Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	1.04		mg/L	1.00		104	90-110	1.94	20	
Matrix Spike (B9L1967-MS1)		Source: C9L2888-01		Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	1.28	0.02	mg/L	1.00	0.420	86.0	80-120			
Batch B9L2776 - EPA 200.7										
Blank (B9L2776-BLK1)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	ND	0.0600	mg/L							
Blank (B9L2776-BLK2)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	ND	0.0600	mg/L							
LCS (B9L2776-BS1)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.41	0.0600	mg/L	2.52		95.8	85-115			
LCS (B9L2776-BS2)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.40	0.0600	mg/L	2.52		95.2	85-115			
LCS Dup (B9L2776-BSD1)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.41	0.0600	mg/L	2.52		95.8	85-115	0.0282	20	
LCS Dup (B9L2776-BSD2)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.54	0.0600	mg/L	2.52		101	85-115	5.86	20	
Matrix Spike (B9L2776-MS1)		Source: C9L1828-01		Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.32	0.0600	mg/L	2.52	0.0777	88.8	70-130			
Matrix Spike (B9L2776-MS2)		Source: C9L2887-01		Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.42	0.0600	mg/L	2.52	0.0385	94.5	70-130			

Mark Bourgeois

Mark Bourgeois, Special Projects Manager

Qualifiers



EASTEX ENVIRONMENTAL LABORATORY, INC.

P.O. Box 1089 * Coldspring, TX 77331

P.O. Box 631375 * Nacogdoches, TX 75963-1375

(936) 653-3249 * (800) 525-0508

(936) 569-8879 * FAX (936) 569-8951

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

www.eastexlabs.com

REPORT TO: Christie Taylor
Company: AgriLife Ext. Serv
Address: 1335 Regents Park Dr 260
 Houston TX 77058
Attn: Christie Taylor
Phone#: 979-399-4009
Email: ctaylor@tamuedu
P.O. #:

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 Houston TX 77058
Attn: Christie Taylor
Phone#: 979-399-4009
INSTRUCTIONS:

C or G: C= Composite G= Grab
Matrix: DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT= Other
Container Size: 1=1/2 Gallon 2=1 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

ANALYSIS REQUESTED

TSS
 Total Phosphat
 E. coli
 NO₂+NO₃
 NH₃N

Project Name: JCWP Stormwater Sampling

Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	CI2	Flow	Temp	#	Size	Type	Pres
8889	EG-OUT 202-1	12-10-19	15:34	OT	C	8.3	6.9			15.8	1	3	P	C
											1	5	P	C/N
											1	6	P/S	C/ST
											1	4	P	C/SA
											1	4	P	C/SA

Field Data										Containers		
Time	Matrix	C or G	DO	pH	CI2	Flow	Temp	#	Size	Type	Pres	
15:34	OT	C	8.3	6.9			15.8	1	3	P	C	
								1	5	P	C/N	
								1	6	P/S	C/ST	
								1	4	P	C/SA	
								1	4	P	C/SA	

Relinquished By: Christie Taylor
 Relinquished By: [Signature]
 Relinquished By: [Signature]
LAB/USE ONLY
 Alternate Check In: [Signature]

Received By: [Signature]
 Received By: [Signature]
 Received By: [Signature]

Date: 12-11-19
 Date: 12-11-19
 Date: 12-11-19

Time: 1400
 Time: 1400
 Time: 1750

Received Iced: YES NO
 Received Iced: YES NO
 Received Iced: YES NO



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LABORATORY ANALYTICAL REPORT

Project: TX A and M Community Stormwater

Sample Site:	EG-OUT 202-2	Sample Number:	C9L2963-01		Collector:					
Sample Type:	Grab				Sampled:	12/12/2019	10:00			
Sample Matrix:	Water				Received:	12/12/2019	15:00			
Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes	
Ammonia as N	0.5	0.1	mg/L	A	B9L1899	12/16/2019 15:45	LAB	SM 4500 NH3 G		
E coli IDEXX	<10	10	mpn/100ml	A	B9L1753	12/12/2019 15:30	ANP	Colilert 18		
Nitrate+Nitrite as N	0.37	0.02	mg/L	A	B9L1967	12/16/2019 08:30	LAB	SM 4500 NO3 F		
Total Phosphorus	0.101	0.0600	mg/L	A	B9L2776	12/23/2019 15:21	LAN	EPA 200.7		
TSS	26.0	1.0	mg/L	A	B9L1776	12/13/2019 15:17	LRM	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 B9L1753 - No Prep Micro										
Blank (B9L1753-BLK1)					Prepared & Analyzed: 12/12/19					
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B9L1753-DUP1)					Source: C9L2707-01 Prepared & Analyzed: 12/12/19					
E coli IDEXX	19	2	mpn/100ml		19			1.04	200	
Batch B9L1776 - No Prep										
Blank (B9L1776-BLK1)					Prepared & Analyzed: 12/13/19					
TSS	ND	1.0	mg/L							
Duplicate (B9L1776-DUP1)					Source: C9L2656-01 Prepared & Analyzed: 12/13/19					
TSS	484	1.0	mg/L		496			2.45	10	
Batch B9L1899 - No Prep										
Blank (B9L1899-BLK1)					Prepared & Analyzed: 12/16/19					
Ammonia as N	ND	0.1	mg/L							
LCS (B9L1899-BS1)					Prepared & Analyzed: 12/16/19					
Ammonia as N	2.19		mg/L	2.00		110	90-110			
LCS Dup (B9L1899-BSD1)					Prepared & Analyzed: 12/16/19					
Ammonia as N	2.18		mg/L	2.00		109	90-110	0.548	20	
Matrix Spike (B9L1899-MS1)					Source: C9L2885-01 Prepared & Analyzed: 12/16/19					
Ammonia as N	2.7	0.1	mg/L	2.50	0.1	102	80-120			



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9L1967 - No Prep										
Blank (B9L1967-BLK1)				Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B9L1967-BS1)				Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	1.02		mg/L	1.00		102	90-110			
LCS Dup (B9L1967-BSD1)				Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	1.04		mg/L	1.00		104	90-110	1.94	20	
Matrix Spike (B9L1967-MS1)		Source: C9L2888-01		Prepared & Analyzed: 12/16/19						
Nitrate+Nitrite as N	1.28	0.02	mg/L	1.00	0.420	86.0	80-120			
Batch B9L2776 - EPA 200.7										
Blank (B9L2776-BLK1)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	ND	0.0600	mg/L							
Blank (B9L2776-BLK2)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	ND	0.0600	mg/L							
LCS (B9L2776-BS1)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.41	0.0600	mg/L	2.52		95.8	85-115			
LCS (B9L2776-BS2)				Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.40	0.0600	mg/L	2.52		95.2	85-115			
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Matrix Spike (B9L2776-MS1)		Source: C9L1828-01		Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.32	0.0600	mg/L	2.52	0.0777	88.8	70-130			
Matrix Spike (B9L2776-MS2)		Source: C9L2887-01		Prepared & Analyzed: 12/23/19						
Total Phosphorus	2.42	0.0600	mg/L	2.52	0.0385	94.5	70-130			

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Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL
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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

ANALYSIS REQUESTED

TSS
 Total Phosphate
 E. coli
 NO₂+NO₃
 NH₃N

Field Data

Containers

Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	Cl2	Flow	Temp	#	Size	Type	Pres
9125163	EG-OUT 202-2	12-12-19	10:00	OT	G	8.1	9.52	-	-	15.12	1	3	P	C
											1	5	P	NA
											1	6	P	5/ST
											1	4	P	C/A
											1	4	P	C/A

Relinquished By: Christie Taylor
Relinquished By: [Signature]
Relinquished By: [Signature]
LAB USE ONLY
Alternate Check In: [Signature]
Date: 12-12-19
Temp °C: 15
Time: 15:55
Sample Condition Acceptable: YES / NO
Received By: [Signature]
Date: 12-12-19
Received Iced: YES / NO
Received Iced: YES / NO
Received Iced: YES / NO

*Thermometer has 0.0 factor and recorded temperature is actual temperature