



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 Watershed Stormwater

Sample Site:	UTRP 102-2	Sample Number:	C9J4748-01		Collector:	CT				
Sample Type:	Grab				Sampled:	10/21/2019 12:52				
Sample Matrix:	Water				Received:	10/21/2019 15:20				
Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes	
Ammonia as N	<0.1	0.1	mg/L	A	B9J3014	10/22/2019 13:18	LAB	SM 4500 NH3 G		
E coli IDEXX	350	10	mpn/100ml	A	B9J3025	10/21/2019 16:01	SDS	Colilert 18		
Nitrate+Nitrite as N	0.15	0.02	mg/L	A	B9J3810	10/29/2019 08:30	LAB	SM 4500 NO3 F		
Total Phosphorus	0.347	0.0200	mg/L	A	B9K0278	11/06/2019 13:35	LAN	EPA 200.7		
TSS	2.4	1.0	mg/L	A	B9J3002	10/22/2019 15:32	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 B9J3002 - No Prep										
Blank (B9J3002-BLK1) Prepared & Analyzed: 10/22/19										
TSS	ND	1.0	mg/L							
Duplicate (B9J3002-DUP1) Source: C9J4312-01 Prepared & Analyzed: 10/22/19										
TSS	345	1.0	mg/L		330			4.44	10	
Batch B9J3014 - No Prep										
Blank (B9J3014-BLK1) Prepared & Analyzed: 10/22/19										
Ammonia as N	ND	0.1	mg/L							
LCS (B9J3014-BS1) Prepared & Analyzed: 10/22/19										
Ammonia as N	2.00		mg/L	2.00		100	90-110			
Matrix Spike (B9J3014-MS1) Source: C9J4318-01 Prepared & Analyzed: 10/22/19										
Ammonia as N	2.6	0.1	mg/L	2.50	ND	105	80-120			
Matrix Spike Dup (B9J3014-MSD1) Source: C9J4318-01 Prepared & Analyzed: 10/22/19										
Ammonia as N	2.6	0.1	mg/L	2.50	ND	104	80-120	0.575	20	
Batch B9J3025 - No Prep Micro										
Blank (B9J3025-BLK1) Prepared & Analyzed: 10/21/19										
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B9J3025-DUP1) Source: C9J4303-01 Prepared & Analyzed: 10/21/19										
E coli IDEXX	ND	2	mpn/100ml		ND				200	



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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 B9J3810 - No Prep										
Blank (B9J3810-BLK1)										Prepared & Analyzed: 10/29/19
Nitrate+Nitrite as N	ND	0.02	mg/L							
LCS (B9J3810-BS1)										Prepared & Analyzed: 10/29/19
Nitrate+Nitrite as N	1.06		mg/L	1.00		106	90-110			
Matrix Spike (B9J3810-MS1)										Source: C9J4671-01 Prepared & Analyzed: 10/29/19
Nitrate+Nitrite as N	1.16	0.02	mg/L	1.00	ND	116	80-120			
Matrix Spike Dup (B9J3810-MSD1)										Source: C9J4671-01 Prepared & Analyzed: 10/29/19
Nitrate+Nitrite as N	1.12	0.02	mg/L	1.00	ND	112	80-120	3.51	20	
Batch B9K0278 - EPA 200.7										
Blank (B9K0278-BLK1)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	ND	0.0200	mg/L							
Blank (B9K0278-BLK2)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	ND	0.0200	mg/L							
Blank (B9K0278-BLK3)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	ND	0.0200	mg/L							
LCS (B9K0278-BS1)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.66	0.0200	mg/L	2.52		105	85-115			
LCS (B9K0278-BS2)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.78	0.0200	mg/L	2.52		110	85-115			
LCS (B9K0278-BS3)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.72	0.0200	mg/L	2.52		108	85-115			
LCS Dup (B9K0278-BSD1)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.76	0.0200	mg/L	2.52		109	85-115	3.70	20	
LCS Dup (B9K0278-BSD2)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.76	0.0200	mg/L	2.52		110	85-115	0.631	20	
LCS Dup (B9K0278-BSD3)										Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.67	0.0200	mg/L	2.52		106	85-115	1.76	20	
Matrix Spike (B9K0278-MS1)										Source: C9J5948-01 Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	3.05	0.0200	mg/L	2.52	0.109	117	70-130			
Matrix Spike (B9K0278-MS2)										Source: C9J5948-02 Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.14	0.0200	mg/L	2.52	0.0324	83.6	70-130			
Matrix Spike (B9K0278-MS3)										Source: C9J5948-03 Prepared: 11/04/19 Analyzed: 11/06/19
Total Phosphorus	2.83	0.0200	mg/L	2.52	0.0300	111	70-130			

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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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Mark Bourgeois

Mark Bourgeois, Special Projects Manager

Qualifiers

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



EASTEX ENVIRONMENTAL LABORATORY, INC.
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White Copy-Follows Samples
 Yellow Copy-Laboratory
 Pink Copy-Client Copy

REPORT TO: **Christie Taylor**

INVOICE TO: **Christie Taylor**

Company: **TCWP Agrilife Ext**

Company: **TCWP Agrilife Ext**

Remarks:

Address: **1335 Regents Park
Houston TX 77058**

Address: **1335 Regents Park
Houston TX 77058**

Attn:

Attn:

Phone#: **979-399-4009**

Phone#: **979-399-4009**

Email: **ctaylor@tamuc.edu**

ANALYSIS REQUESTED

P.O. #:

Sampler's Name (print):

Christie Taylor

Sampler's Signature:

Christie Taylor

Project Name:

TCWP Stormwater Sampling

Work Order ID

27748

Sample ID

UTRP 102-2

Date

10/21/19

Time

1252 OT

C or G

C U.2

DO

7

pH

7.39

Cl2

23.1

Flow

1

Temp

23.1

#

3

Size

P

Type

C

Pres

X

Containers

TSS
 Total Phosphate
 E. coli
 NO₂ + NO₃
 NH₃-N

Received

YES

Date

10/21/19

Time

14:15

Relinquished By:

Christie Taylor

Received By:

[Signature]

Date

10-21-19

Time

14:15

Received Iced:

YES

Date

10/21/19

Time

1203

Relinquished By:

[Signature]

Received By:

[Signature]

Date

10-21-19

Time

14:15

Received Iced:

YES

Date

10/21/19

Time

1203

Relinquished By:

[Signature]

Received By:

[Signature]

Date

10-21-19

Time

14:15

Received Iced:

YES

Date

10/21/19

Time

1203

LAB USE ONLY

Alternate Check In:

Sample Condition Acceptable:

YES

Date

10/21/19

Time

14:15

Temp. C

2.0

Therm ID

15

Logged In By:

[Signature]

Date

10/21/19

Time

14:15

Date

10/21/19

Time

1203

*Thermometer has 0.0 factor and recorded temperature is actual temperature