



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 Coastal Exploration Green

Sample Site:	EG-1-22	Sample Number:	C4B4431-01		Collector:	KW			
Sample Type:	Grab				Sampled:	02/14/2024 15:05			
Sample Matrix:	Water				Received:	02/15/2024 15:00			
Client Matrix:	Storm Water								
Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Ammonia as N	0.9	0.1	mg/L	A	B4B2988	02/21/2024 15:13	CNS	SM 4500 NH3 G	
E coli IDEXX	231	10	mpn/100ml	A	B4B2878	02/15/2024 15:37	HIS	Colilert 18	
Total Phosphorus	0.522	0.0600	mg/L	A	B4B3612	02/23/2024 13:03	KJH	EPA 200.7	
TSS	28.8	1.0	mg/L	A	B4B2804	02/16/2024 16:19	NRJ	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
<b>Batch B4B2804 - No Prep</b>										
<b>Blank (B4B2804-BLK1)</b>				Prepared & Analyzed: 02/16/24						
TSS	ND	1.0	mg/L							
<b>Duplicate (B4B2804-DUP1)</b>				Source: C4B4168-01 Prepared & Analyzed: 02/16/24						
TSS	262	1.0	mg/L		260			0.766	10	
<b>Batch B4B2878 - No Prep Micro</b>										
<b>Blank (B4B2878-BLK1)</b>				Prepared & Analyzed: 02/15/24						
E coli IDEXX	ND	1	mpn/100ml							
<b>Duplicate (B4B2878-DUP1)</b>				Source: C4B4113-01 Prepared & Analyzed: 02/15/24						
E coli IDEXX	ND	2	mpn/100ml		ND				200	
<b>Batch B4B2988 - No Prep</b>										
<b>Blank (B4B2988-BLK1)</b>				Prepared & Analyzed: 02/21/24						
Ammonia as N	ND	0.1	mg/L							
<b>LCS (B4B2988-BS1)</b>				Prepared & Analyzed: 02/21/24						
Ammonia as N	2.18		mg/L	2.00		109	90-110			
<b>Matrix Spike (B4B2988-MS1)</b>				Source: C4B4128-01 Prepared & Analyzed: 02/22/24						
Ammonia as N	ND	0.1	mg/L	2.50	ND		80-120			23
<b>Matrix Spike Dup (B4B2988-MSD1)</b>				Source: C4B4128-01 Prepared & Analyzed: 02/21/24						
Ammonia as N	ND	0.1	mg/L	2.50	ND		80-120		20	



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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
<b>Batch B4B3612 - EPA 200.7</b>										
<b>Blank (B4B3612-BLK1)</b>				Prepared: 02/21/24 Analyzed: 02/23/24						
Total Phosphorus	ND	0.0600	mg/L							
<b>LCS (B4B3612-BS1)</b>				Prepared: 02/21/24 Analyzed: 02/23/24						
Total Phosphorus	2.60	0.0600	mg/L	2.52		103	85-115			
<b>Matrix Spike (B4B3612-MS1)</b>				Source: C4B3803-01 Prepared: 02/21/24 Analyzed: 02/23/24						
Total Phosphorus	3.20	0.0600	mg/L	2.52	0.465	109	70-130			
<b>Matrix Spike Dup (B4B3612-MSD1)</b>				Source: C4B3803-01 Prepared: 02/21/24 Analyzed: 02/23/24						
Total Phosphorus	2.96	0.0600	mg/L	2.52	0.465	99.2	70-130	7.71	20	

*Mark Bourgeois*

Mark Bourgeois, Special Projects Manager

**Qualifiers**

23 Spike recovery outside of acceptance limits due to matrix interference.



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

REPORT TO:

INVOICE TO:

Company: *Aurilife Extension*

Address: *9335 Regents Park*

Site: *260 77058 Houston TX*

Attn: *Christina Taylor*

Phone#: *779-399-4009*

Email: *christina.taylor@aurilife.com*

P.O. #:

Sampler's Name (print): *Kimberly Walls*

Sampler's Signature: *Kimberly Walls*

Project Name: *Elg water quality Baseline Study*

Company:

Address: *SAME*

Attn:

Phone#:

INSTRUCTIONS:

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 (2oz) 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

Remarks:

ANALYSIS REQUESTED

TSS  
 Ammonia  
 total phosphorus  
 E. Coli

Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	CI2	Flow	Temp	#	Size	Type	Pres	Containers	
															Field Data	Containers
4431	Elg-1-22	2/14/24	15:05	OT	C	6.99	7.09	—	0.79	18.6	1	3	P	C	X	
												4	P	CS	X	
												5	P	GN	X	
												6	P	CS	X	

Relinquished By:

Received By:

Relinquished By:

Received By:

Relinquished By: *B. Walls*

Received By: *B. Walls*

LAB USE ONLY

Sample Condition Acceptable:

YES / NO

Date

Temp C

\*Therm ID

Logged In By:

Date

Time

Alternate Check In:

Date

Time

Temp C

Date

Temp C

\*Therm ID

Logged In By:

Date

Time

Received Iced: YES / NO

Date

Time

Received Iced: YES / NO

Date

Received Iced: YES / NO

Date

Time

Received Iced: YES / NO

Date

\*Thermometer has 0.0 factor and recorded temperature is actual temperature