



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



Texas A and M AgriLife
 Texas A & M AgriLife
 1250 Bay Area Blvd
 Houston, TX 77058

LABORATORY ANALYTICAL REPORT

Project: Tx Coastal Exploration Green

| | | | | | | | |
|----------------|-------------|----------------|------------|--|------------|------------------|--|
| Sample Site: | EG-3-4 | Sample Number: | C3E7442-01 | | Collector: | KW | |
| Sample Type: | Grab | | | | Sampled: | 05/25/2023 15:17 | |
| Sample Matrix: | Water | | | | Received: | 05/26/2023 14:37 | |
| Client Matrix: | Storm Water | | | | | | |

| Analyte | Result | Reporting Limit | Units | Nelac Status | Batch | Analyzed | Analyst | Method | Notes |
|------------------|---------|-----------------|-----------|--------------|---------|------------------|---------|---------------|-------|
| Ammonia as N | 0.2 | 0.1 | mg/L | A | B3E4488 | 05/31/2023 10:29 | SAC | SM 4500 NH3 G | 31, B |
| E coli IDEXX | 41 | 10 | mpn/100ml | A | B3E4422 | 05/26/2023 15:04 | HIS | Colilert 18 | 6 |
| Total Phosphorus | <0.0600 | 0.0600 | mg/L | A | B3E4461 | 05/30/2023 16:21 | KJH | EPA 200.7 | |
| TSS | 24.5 | 1.0 | mg/L | A | B3E4432 | 05/30/2023 09:50 | KRT | 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 B3E4422 - No Prep Micro | | | | | | | | | | |
| Blank (B3E4422-BLK1) | | | | Prepared & Analyzed: 05/26/23 | | | | | | |
| E coli IDEXX | ND | 1 | mpn/100ml | | | | | | | |
| Duplicate (B3E4422-DUP1) | | | | Source: C3E6913-01 Prepared & Analyzed: 05/26/23 | | | | | | |
| E coli IDEXX | 2 | 2 | mpn/100ml | | ND | | | | 200 | |
| Batch B3E4432 - No Prep | | | | | | | | | | |
| Blank (B3E4432-BLK1) | | | | Prepared & Analyzed: 05/30/23 | | | | | | |
| TSS | ND | 1.0 | mg/L | | | | | | | |
| Duplicate (B3E4432-DUP1) | | | | Source: C3E6859-01 Prepared & Analyzed: 05/30/23 | | | | | | |
| TSS | 264 | 1.0 | mg/L | | 266 | | | 0.755 | 10 | |
| Batch B3E4461 - EPA 200.7 | | | | | | | | | | |
| Blank (B3E4461-BLK1) | | | | Prepared: 05/29/23 Analyzed: 05/30/23 | | | | | | |
| Total Phosphorus | ND | 0.0600 | mg/L | | | | | | | |
| LCS (B3E4461-BS1) | | | | Prepared: 05/29/23 Analyzed: 05/30/23 | | | | | | |
| Total Phosphorus | 2.69 | 0.0600 | mg/L | 2.52 | | 107 | 85-115 | | | |
| Matrix Spike (B3E4461-MS1) | | | | Source: C3E5627-01 Prepared: 05/29/23 Analyzed: 05/30/23 | | | | | | |
| Total Phosphorus | 10.8 | 0.0600 | mg/L | 2.52 | 8.06 | 109 | 70-130 | | | |
| Matrix Spike Dup (B3E4461-MSD1) | | | | Source: C3E5627-01 Prepared: 05/29/23 Analyzed: 05/30/23 | | | | | | |
| Total Phosphorus | 11.2 | 0.0600 | mg/L | 2.52 | 8.06 | 124 | 70-130 | 3.42 | 20 | |



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SM 4500 NH3 G - Quality Control
Eastex Environmental Laboratory - Coldspring

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|--|---------------|------|-------------|------|-----------|-------|
| Batch B3E4488 - No Prep | | | | | | | | | | |
| Blank (B3E4488-BLK1) | | | | Prepared & Analyzed: 05/31/23 | | | | | | |
| Ammonia as N | 0.1 | 0.1 | mg/L | | | | | | | 31, B |
| LCS (B3E4488-BS1) | | | | Prepared & Analyzed: 05/31/23 | | | | | | |
| Ammonia as N | 1.98 | | mg/L | 2.00 | | 98.9 | 90-110 | | | 31, B |
| Matrix Spike (B3E4488-MS1) | | | | Source: C3E6866-01 Prepared & Analyzed: 05/31/23 | | | | | | |
| Ammonia as N | 5.6 | 0.1 | mg/L | 2.50 | 2.7 | 117 | 80-120 | | | 31, B |
| Matrix Spike Dup (B3E4488-MSD1) | | | | Source: C3E6866-01 Prepared & Analyzed: 05/31/23 | | | | | | |
| Ammonia as N | 5.4 | 0.1 | mg/L | 2.50 | 2.7 | 111 | 80-120 | 2.76 | 20 | 31, B |

Mark Bourgeois

Mark Bourgeois, Special Projects Manager

Qualifiers

- B Analyte detected in Method Blank.
- 6 Sample not received within required holding time.
- 31 CCB out of range.



EASTEX ENVIRONMENTAL LABORATORY, INC.
 P.O. Box 1089 * Goldspring, TX 77331
 (936) 653-3249 * (800) 525-0508
 P.O. Box 631375 * Nacogdoches, TX 75963-1375
 (936) 569-8879 * FAX (936) 569-8951
 www.eastexlabs.com

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

REPORT TO:

INVOICE TO:

Company: *AgriLife Extension*

Company: *SAME*

Address: *1335 Regents Park*

Address: *SAME*

Site: *260 Houston, TX 77058*

Attn: *Christina Taylor*

Attn:

Phone#: *979-399-4009*

Phone#:

Email: *christina.taylor@agr.tamu.edu*

INSTRUCTIONS:

P.O. #:

C or G: C=Composite G=Grab

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

Matrix: DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT=Other

Sampler's Signature: *Kimberly Walls*

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

Project Name: *Fls water Quality Baseline Study*

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

Work Order ID: *335 7442*

Sample ID: *FLS-3-4*

Date: *5/25/23*

Time Matrix: *15:17 OT*

C or G: *✓*

DO: *18.89*

pH: *8.21*

CI2: *-*

Flow: *0.367*

Temp: *34.2*

#: *1*

Size: *3*

Type: *P*

Pres: *✓*

Containers: *1 4 P C/S*

1 5 P C/N

1 6 P 4/ST

Analysis Requested: *TSS*

Ammonia

Total Phosphate

E. Coli

Received By: *Kimberly Walls*

Date: *5/26/23*

Time: *11:32*

Received Iced: *YES / NO*

Relinquished By: *Julia Deane*

Date: *5/24/23*

Time: *14:37*

Received Iced: *YES / NO*

LAB USE ONLY

Sample Condition Acceptable: *YES* / NO

Date: *37*

Temp C: *15*

*Therm ID: *CT*

Logged In By: *CT*

Date: *5/26/23*

Time: *14:59*

*Thermometer has 0.0 factor and recorded temperature is actual temperature