



P.O. Box 1089 Coldspring Tx 77331
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Texas A and M AgriLife
 Texas A & M AgriLife
 1335 Regents Park Dr. Ste 260
 Houston, TX 77058

LABORATORY ANALYTICAL REPORT

Project: Tx Coastal Exploration Green

| | | | | | | | |
|----------------|-------------|----------------|------------|--|------------|------------------|--|
| Sample Site: | EG-1-10 | Sample Number: | C3H5340-01 | | Collector: | KW | |
| Sample Type: | Grab | | | | Sampled: | 08/17/2023 11:30 | |
| Sample Matrix: | Water | | | | Received: | 08/18/2023 12:37 | |
| Client Matrix: | Storm Water | | | | | | |

| Analyte | Result | Reporting Limit | Units | Nelac Status | Batch | Analyzed | Analyst | Method | Notes |
|------------------|--------|-----------------|-----------|--------------|---------|------------------|---------|---------------|-------|
| Ammonia as N | <0.1 | 0.1 | mg/L | A | B3H3398 | 08/22/2023 16:00 | SAC | SM 4500 NH3 G | |
| E coli IDEXX | 3260 | 10 | mpn/100ml | A | B3H3202 | 08/18/2023 14:59 | HIS | Colilert 18 | 6 |
| Total Phosphorus | 0.316 | 0.0600 | mg/L | A | B3H3476 | 08/25/2023 15:02 | KJH | EPA 200.7 | |
| TSS | 77.5 | 1.0 | mg/L | A | B3H3184 | 08/21/2023 14:59 | LMF | 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 |
|--|--------|-----------------|-----------|--|---------------|------|-------------|------|-----------|-------|
| Batch B3H3184 - No Prep | | | | | | | | | | |
| Blank (B3H3184-BLK1) | | | | Prepared & Analyzed: 08/21/23 | | | | | | |
| TSS | ND | 1.0 | mg/L | | | | | | | |
| Duplicate (B3H3184-DUP1) | | | | Source: C3H5207-01 Prepared & Analyzed: 08/21/23 | | | | | | |
| TSS | 34.0 | 1.0 | mg/L | | 34.0 | | | 0.00 | 10 | 25 |
| Batch B3H3202 - No Prep Micro | | | | | | | | | | |
| Blank (B3H3202-BLK1) | | | | Prepared & Analyzed: 08/18/23 | | | | | | |
| E.coli IDEXX | ND | 1 | mpn/100ml | | | | | | | |
| Duplicate (B3H3202-DUP1) | | | | Source: C3H5176-01 Prepared & Analyzed: 08/18/23 | | | | | | |
| E.coli IDEXX | 8 | 2 | mpn/100ml | | 13 | | | 42.3 | 200 | |
| Batch B3H3398 - No Prep | | | | | | | | | | |
| Blank (B3H3398-BLK1) | | | | Prepared & Analyzed: 08/22/23 | | | | | | |
| Ammonia as N | ND | 0.1 | mg/L | | | | | | | |
| LCS (B3H3398-BS1) | | | | Prepared & Analyzed: 08/22/23 | | | | | | |
| Ammonia as N | 3.95 | | mg/L | 4.00 | | 98.6 | 90-110 | | | |
| Matrix Spike (B3H3398-MS1) | | | | Source: C3H5179-01 Prepared & Analyzed: 08/22/23 | | | | | | |
| Ammonia as N | 2.2 | 0.1 | mg/L | 2.50 | ND | 87.5 | 80-120 | | | |
| Matrix Spike Dup (B3H3398-MSD1) | | | | Source: C3H5179-01 Prepared & Analyzed: 08/22/23 | | | | | | |
| Ammonia as N | 2.1 | 0.1 | mg/L | 2.50 | ND | 85.8 | 80-120 | 2.03 | 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 |
|--|--------|-----------------|-------|--|---------------|------|-------------|------|-----------|-------|
| Batch B3H3476 - EPA 200.7 | | | | | | | | | | |
| Blank (B3H3476-BLK1) | | | | Prepared: 08/22/23 Analyzed: 08/25/23 | | | | | | |
| Total Phosphorus | ND | 0.0600 | mg/L | | | | | | | |
| LCS (B3H3476-BS1) | | | | Prepared: 08/22/23 Analyzed: 08/25/23 | | | | | | |
| Total Phosphorus | 2.25 | 0.0600 | mg/L | 2.52 | | 89.2 | 85-115 | | | |
| Matrix Spike (B3H3476-MS1) | | | | Source: C3H4739-01 Prepared: 08/22/23 Analyzed: 08/25/23 | | | | | | |
| Total Phosphorus | 9.06 | 0.0600 | mg/L | 2.52 | 6.70 | 93.6 | 70-130 | | | |
| Matrix Spike Dup (B3H3476-MSD1) | | | | Source: C3H4739-01 Prepared: 08/22/23 Analyzed: 08/25/23 | | | | | | |
| Total Phosphorus | 10.5 | 0.0600 | mg/L | 2.52 | 6.70 | 152 | 70-130 | 15.0 | 20 | |

Mark Bourgeois

Mark Bourgeois, Special Projects Manager

Qualifiers

- 6 Sample not received within required holding time.
- 25 Residue not in the method range of 2.5-200 mg.



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

INVOICE TO:

Company: **AgriLife Extension**
 Address: **1335 Reynolds Park**
 Suite 200 Houston, TX 77058

Company: **SAME**
 Address: **SAME**

Attn: **Christina Taylor**
 Phone#: **979-349-4009**

Attn: **Christina Taylor**
 Email: **christina.taylor@agr.tamu.edu**

P.O. #:

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

Sampler's Signature: *Kimberly Walls*

Project Name: **EL Water Quality Baseline Study**

Work Order ID: **C3H5340**

Sample ID: **EL-1-10**

Date: **8/17/13**

| Time | Matrix | C or G | DO | pH | CI2 | Flow | Temp | # | Size | Type | Pres |
|-------|--------|--------|------|-----|-----|------|------|---|------|------|------|
| 11:30 | OT | C | 2.07 | 8.8 | - | 1.30 | 34.2 | 1 | 3 | P | C |
| | | | | | | | | | 4 | P | 95 |
| | | | | | | | | | 5 | P | 6N |
| | | | | | | | | | 6 | P | 45 |

Field Data

Containers

ANALYSIS REQUESTED

TSS
 Ammonia
 total Phosphate
 E. Coli

Relinquished By: *Kimberly Walls* Received By: *Julie Lee*
 Date: **8/19/13** Time: **10:30**
 Received Iced: YES / NO

Relinquished By: *Julie Lee* Received By: *Julie Lee*
 Date: **8/19/13** Time: **12:37**
 Received Iced: YES / NO

LAB USE ONLY
 Sample Condition Acceptable: YES / NO
 Date: **8-18-23** Time: **1417**

Alternate Check In: **8-18-23** Time: **1417**
 *Thermometer has 0.0 factor and recorded temperature is actual temperature