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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 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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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

