



2021 ANNUAL REPORT

LOWNDES COUNTY IMPAIRED STREAMS MONITORING



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OVERVIEW

Lowndes County conducted sampling of impaired waters listed on the active integrated 305(b)/303(d) list as required by General NPDES Stormwater Permit No. GAG610000 for Phase II MS4. The sampling was conducted in accordance with Lowndes County's approved Monitoring and Implementation Plan for the following impaired waters:

| Reach Name/ID | Location | Use* | Cause/ POC* | Source* |
|--|---|------|----------------|---------|
| Alapaha River GAR031102021203 | Willacoochee River to State Line | F | TWR | NP |
| Cat Creek GAR031101030304 | Beatty Mill Creek to Withlacoochee River | F | DO | NP |
| Cat Creek GAR031101030305 | Beaverdam Creek downstream SR 37 to Beatty Mill Creek | F | DO | NP |
| Franks Creek GAR031102040503 | State Route S1780 (Morven Rd) to Little River near Hahira | F | FC | UR |
| Jumping Gully Creek GAR031102030903 | Bevel Creek to State Line | F | FC | NP |
| Mud Creek GAR031102021102 | Downstream Valdosta Mud Creek WPCP to Alapahoochee River | F | FC | UR |
| Tributary to Withlacoochee #2 GAR031102030804 | Headwaters to Withlacoochee River | F | FC | NP |
| Withlacoochee River GAR031102030401 | Bay Branch to Little River | F | FC,TWR | NP |
| Withlacoochee River GAR031102030403 | New River to Bay Branch | F | FC,TWR | NP |
| Withlacoochee River GAR031102030806 | Little River to Okapilco Creek | F | FC,Pb,TWR | NP |
| Withlacoochee River GAR031102030902 | Okapilco Creek to Stateline | F | TWR | NP |

Use: F-Fishing

Cause/Pollutant of Concern: TWR-Trophic Weighted Residue, FC-Fecal Coliform, DO-Dissolved Oxygen, Pb-Lead

Source: NP-Nonpoint Sources, UR-Urban Runoff, M-Municipal Point Source Discharges

MONITORING DATA ASSESSMENT

Cumulative monitoring data for the 2020-2021 reporting years is included in Appendix A in both tabular and graphical formats. Raw analytical reports for the 2021 reporting year only are included in Appendix B. Raw analytical reports from previous years can be found in the respective years' annual report. The 9 September 2021 sampling event met the criteria for a wet weather sample.

Fecal Coliform

Fecal coliform sampling results for 2021 indicated all sampling points exceeded water quality standards for the June and September sampling events with the exception of sampling point WR5 on reach GAR031102030806 for the month of June.



Lowndes County has not identified any point sources within the drainage areas that can be attributed to the widespread exceedances. Based on the limited data collected to date, it is the opinion of Lowndes County that the cause of the exceedances is from natural conditions.

Dissolved Oxygen (DO)

DO levels in Cat Creek at the Highway 122 bridge near the Lowndes County-Berrien County line are below 4.0 mg/L for most of the sampling period. Water flow conditions at the bridge are almost stagnant. The channel at this point is wide and shallow with low flow velocities. As the stream flows southward, water velocity and depth transition into more defined streambank conditions. There were three sampling events at the Highway 122 bridge for which DO levels exceeded 4.0. In all three cases, the sampling events were preceded by rainfall events in excess of 1.5" over several days. DO levels begin to increase and are at or near compliance levels +/- 2.7 miles downstream at the Cat Creek Bridge with the exception of early June. May and June of 2021 experienced below average precipitation levels with a 60% and 30% drop respectively resulting in below normal water velocity and depth for this period.

Low Level Mercury

Low level mercury levels are well below acute standards at all sampling points. Chronic standards were exceeded at the following locations for the indicated sampling events:

- Alapaha River at the Old State Rd Boat Ramp for September
- Withlacoochee River at the Staten Rd Bridge for September
- Withlacoochee River at the Hwy 133 Bridge for September

Lowndes County has not identified any point sources within the drainage areas that can be attributed to the widespread exceedances. Based on the limited data collected to date, it is the opinion of Lowndes County that the cause of the exceedances is from natural conditions.

Lead

Sampling results for 2021 indicate all samples to be below the detectable limit at all points sampled for lead with the exception of the Withlacoochee River Hwy 133 Bridge location in December. However, this result was still well below both acute and chronic standards.

BMP ASSESSMENT

Based on the data assessment above, Lowndes County does not propose implementation of any additional BMPs at this time.



APPENDIX A

Tabular and Graphical Data



LOWNDES COUNTY IMPAIRED WATERS SAMPLING SUMMARY-2021

| REACH NAME | ID | SAMPLE STATION | STATION ID | 3/4-5/2021 | | | 3/10-11/2021 | 3/17-18/2021 | 3/23-24/2021 | MAR 2021 | 6/2-3/2021 | | | 6/9-10/2021 | 6/15-16/2021 | 6/22-23/2021 | JUN 2021 |
|-------------------------------------|-----------------|--------------------------------------|------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|
| | | | | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml |
| Alapaha River | GAR031102021203 | Old State Rd Boat Ramp | AR1 | | 0.01000 | | | | | | | | | | | | |
| | | US Hwy 82 Bridge (high water backup) | AR1a | | 0.00930 | | | | | | | | | | | | |
| Cat Creek | GAR031101030305 | GA Hwy 122E at Cat Creek Bridge | CR1 | | | | | | | | | | | | | | |
| Cat Creek | GAR031101030304 | Beatty Mill Creek Rd Streambank | CR2 | | | | | | | | | | | | | | |
| | | Cat Creek Rd Bridge | CR3 | | | | | | | | | | | | | | |
| Franks Creek | GAR031102040503 | GA Hwy 122 Bridge | FC0 | 703 | | | 63 | 160 | 181 | 189 | 144 | | 206 | 328 | 6490 | 501 | |
| | | Old Valdosta Rd Bridge | FC1 | 984 | | | 109 | 214 | 146 | 241 | 144 | | 116 | 266 | 24200 | 573 | |
| | | Shiloh Rd Bridge | FC2 | 3080 | | | 364 | 238 | 383 | 565 | 181 | | 318 | 233 | 24200 | 755 | |
| Jumping Gully Creek | GAR031102030903 | Jumping Gully Rd Bridge | JG2 | 144 | | | 63 | 52 | 97 | 82 | 97 | | 97 | 246 | 712 | 201 | |
| Mud Creek | GAR031102021102 | Johnson Rd SE Bridge | MC1 | 393 | | | 288 | 96 | 281 | 235 | 712 | | 1,040 | 1,040 | 24,200 | 2078 | |
| | | Hickory Grove Rd @ Glenn Rd Bridge | MC2 | 309 | | | 122 | 52 | 211 | 143 | 41 | | 132 | 368 | 3260 | 284 | |
| Withlacoochee River | GAR031102030403 | Hwy 122 E Bridge | WR1 | 2400 | 0.01040 | | 119 | 52 | 98 | 195 | 41 | 0.00500 | 158 | 144 | 8660 | 300 | |
| Withlacoochee River | GAR031102030401 | Staten Rd Bridge | WR2 | 1660 | 0.01070 | | 121 | 52 | 122 | 189 | 85 | 0.00500 | 120 | 144 | 8160 | 331 | |
| | | N Valdosta Rd Bridge | WR3 | 1350 | 0.01050 | | 63 | 52 | 142 | 158 | 52 | 0.00500 | 85 | 84 | 13000 | 264 | |
| Withlacoochee River | GAR031102030806 | Hwy 133 Bridge Over Little River | WR4 | 581 | 0.01110 | 1.00000 | 107 | 84 | 148 | 167 | 160 | 0.00500 | 422 | 1780 | 7700 | 981 | |
| | | Hwy 84W Bridge | WR5 | 504 | 0.00850 | 1.00000 | 61 | 63 | 383 | 165 | 41 | 0.00500 | 41 | 72 | 1070 | 107 | |
| Withlacoochee River | GAR031102030902 | Knights Ferry Rd Boat Ramp | WR6 | | 0.00860 | | | | | | | 0.00500 | | | | | |
| | | Madison Hwy Bridge | WR7 | | 0.00850 | | | | | | | 0.00500 | | | | | |
| Tributary to Withlacoochee River #2 | GAR031102030804 | Ousley Rd Culvert | WRT1 | 156 | | | 86 | 323 | 272 | 185 | 794 | | 181 | 153 | 4110 | 548 | |
| | | Clyattville-Nankin Rd Culvert | WRT2 | 529 | | | 1100 | 199 | 134 | 353 | DRY | | DRY | DRY | DRY | DRY | |

| REACH NAME | ID | SAMPLE STATION | STATION ID | 9/8-9/2021 | | | 9/14-15/2021 | 9/22-23/2021 | 9/29-30/2021 | SEP 2021 | 12/1-2/2021 | | | 12/7-8/2021 | 12/14-16/2021 | 12/21-22/2021 | DEC 2021 |
|-------------------------------------|-----------------|------------------------------------|------------|-----------------|-------------------|-------------|-----------------|-----------------|-----------------|--------------------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|
| | | | | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml |
| Alapaha River | GAR031102021203 | Old State Rd Boat Ramp | AR1 | | 0.01550 | | | | | | | | | | | | |
| | | River Bend Rd Riverbank | AR2 | | | | | | | | | | | | | | |
| Cat Creek | GAR031101030305 | GA Hwy 122E at Cat Creek Bridge | CR1 | | | | | | | | | | | | | | |
| Cat Creek | GAR031101030304 | Beatty Mill Creek Rd Streambank | CR2 | | | | | | | | | | | | | | |
| | | Cat Creek Rd Bridge | CR3 | | | | | | | | | | | | | | |
| Franks Creek | GAR031102040503 | GA Hwy 122 Bridge | FC0 | 1170 | | | 449 | 345 | 298 | 482 | 211 | | 529 | 199 | 816 | 367 | |
| | | Old Valdosta Rd Bridge | FC1 | 1350 | | WET WEATHER | 327 | 573 | 331 | 538 | 355 | | 359 | 259 | 780 | 401 | |
| | | Shiloh Rd Bridge | FC2 | 417 | | | 723 | 454 | 520 | 517 | 108 | | 613 | 259 | 771 | 339 | |
| Jumping Gully Creek | GAR031102030903 | Jumping Gully Rd Bridge | JG2 | 373 | | | 842 | 908 | 285 | 534 | 591 | | 583 | 457 | 464 | 520 | |
| Mud Creek | GAR031102021102 | Johnson Rd SE Bridge | MC1 | 24200 | | | 602 | 8,160 | 581 | 2883 | 110 | | 235 | 520 | 862 | 328 | |
| | | Hickory Grove Rd @ Glenn Rd Bridge | MC2 | 24200 | | | 488 | 1850 | 552 | 1864 | 246 | | 327 | 238 | 573 | 324 | |
| Withlacoochee River | GAR031102030403 | Hwy 122 E Bridge | WR1 | 285 | 0.00500 | | 272 | 383 | 173 | 268 | 107 | 0.00500 | 109 | 75 | 650 | 154 | |
| Withlacoochee River | GAR031102030401 | Staten Rd Bridge | WR2 | 1110 | 0.02860 | | 504 | 1180 | 120 | 531 | 183 | 0.00500 | 201 | 146 | 984 | 270 | |
| | | N Valdosta Rd Bridge | WR3 | 253 | 0.00500 | | 275 | 816 | 156 | 307 | 571 | 0.00500 | 504 | 301 | 717 | 499 | |
| Withlacoochee River | GAR031102030806 | Hwy 133 Bridge Over Little River | WR4 | 333 | 0.01540 | 1.00000 | 528 | 820 | 199 | 412 | 882 | 0.00570 | 226 | 183 | 1520 | 485 | |
| | | Hwy 84W Bridge | WR5 | 1610 | 0.00840 | 1.00000 | 425 | 759 | 209 | 574 | 63 | 0.00500 | 41 | 20 | 226 | 58 | |
| Withlacoochee River | GAR031102030902 | Knights Ferry Rd Boat Ramp | WR6 | | 0.01000 | | | | | | | 0.00500 | | | | | |
| | | Madison Hwy Bridge | WR7 | | 0.00960 | | | | | | | 0.00500 | | | | | |
| Tributary to Withlacoochee River #2 | GAR031102030804 | Ousley Rd Culvert | WRT1 | 189 | | | 496 | 480 | 323 | 347 | 359 | | 573 | 262 | 959 | 477 | |
| | | Clyattville-Nankin Rd Culvert | WRT2 | 459 | | | 441 | 259 | 323 | 361 | 132 | | 1350 | 1610 | 1110 | 751 | |

Notes:
 1- Lowndes County began initial stream sampling in April 2020. Subsequent sampling will be conducted annually in March, June, September, and December.
 2- In August 2020 Lowndes County updated the M&I Plan to include addition of FC0 in June, removal of TFC1 and TFC2 from the sampling plan since the impaired stream segment is in the City of Hahira. LC also removed JG1 since it is not on Jumping Gully Creek.

Not detected
 Acute exceeded
 Chronic exceeded
 FC exceeded

DISSOLVED OXYGEN MONITORING (mg/l)

| REACH NAME | ID | SAMPLE STATION | STATION ID | JUNE | | | | JULY | | | | AUGUST | | | |
|------------|---------------|---------------------------------|------------|-------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| | | | | 6/3/2021 | 6/10/2021 | 6/16/2021 | 6/23/2021 | 7/6/2021 | 7/14/2021 | 7/23/2021 | 7/30/2021 | 8/4/2021 | 8/12/2021 | 8/17/2021 | 8/25/2021 |
| Cat Creek | R031101030305 | GA Hwy 122E at Cat Creek Bridge | CC1 | TOO SHALLOW | 1.10 | 1.34 | 4.82 | 4.26 | 3.83 | 3.61 | 3.56 | 4.67 | 3.18 | 3.48 | 3.58 |
| Cat Creek | R031101030304 | Beatty Mill Creek Rd Streambank | CC2 | 3.16 | 3.60 | 3.67 | 5.53 | 5.00 | 4.60 | 4.70 | 4.50 | 4.03 | 4.16 | 4.58 | 4.77 |
| | | Cat Creek Rd Bridge | CC3 | 1.19 | 2.99 | 1.18 | 6.18 | 5.31 | 5.36 | 5.56 | 5.29 | 5.26 | 5.13 | 5.48 | 5.37 |

Water Quality Criteria For Fishing Use (As approved by US EPA Region 4 on 01/20/2021)

| | | |
|---------|------------------------|--|
| DO | 5.0 mg/L daily average | |
| | Not < 4.0 mg/L | |
| FC | May-Oct | 30-day geometric mean 200 count/100 mL of fecal coliform |
| | Nov-Apr | 30-day geometric mean 1000 counts/100 mL of fecal coliform |
| Lead | 30 µg/L | acute |
| | 1.2 µg/L | chronic |
| Mercury | 1.4 µg/L | acute |
| | 0.012 µg/L | chronic |

LOWNDES COUNTY IMPAIRED WATERS SAMPLING SUMMARY-2020

| REACH NAME | ID | SAMPLE STATION | STATION ID | 4/7-8/2020 | | | 4/14/2020 | 4/21-22/2020 | 4/29-30/2020 | APR 2020 | 6/2-3/2020 | | | 6/10/2020 | 6/17/2020 | 6/24-25/2020 | JUN 2020 |
|-------------------------------------|-----------------|------------------------------------|------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|
| | | | | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml |
| Alapaha River | GAR031102021203 | Old State Rd Boat Ramp | AR1 | | 0.00500 | | | | | | 0.00820 | | | | | | |
| | | River Bend Rd Riverbank | AR2 | | 0.00500 | | | | | | 0.01460 | | | | | | |
| Cat Creek | GAR031101030305 | GA Hwy 122E at Cat Creek Bridge | CR1 | | | | | | | | | | | | | | |
| Cat Creek | GAR031101030304 | Beatty Mill Creek Rd Streambank | CR2 | | | | | | | | | | | | | | |
| | | Cat Creek Rd Bridge | CR3 | | | | | | | | | | | | | | |
| Franks Creek | GAR031102040503 | GA Hwy 122 Bridge | FC0 | | | | | | | | | | 959 | 404 | 359 | 577 | |
| | | Old Valdosta Rd Bridge | FC1 | 908 | | | 798 | 233 | 173 | 413 | | | 4360 | 650 | 959 | 1069 | |
| | | Shiloh Rd Bridge | FC2 | 51 | | | 2250 | 437 | 315 | 355 | | | 3780 | 457 | 475 | 888 | |
| Jumping Gully Creek | GAR031102030903 | Jumping Gully Rd Bridge | JG2 | 197 | | | 345 | 85 | 350 | 212 | | | 256 | 171 | 108 | 185 | |
| Mud Creek | GAR031102021102 | Johnson Rd SE Bridge | MC1 | 246 | | | 11,200 | 272 | 417 | 748 | | | 9,210 | 664 | 638 | 941 | |
| | | Hickory Grove Rd @ Glenn Rd Bridge | MC2 | 145 | | | 6870 | 158 | 909 | 615 | | | 624 | 548 | 620 | 446 | |
| Withlacoochee River | GAR031102030403 | Hwy 122 E Bridge | WR1 | 168 | 0.00500 | | 5790 | 168 | 63 | 319 | 0.00780 | | 6870 | 2280 | 97 | 813 | |
| Withlacoochee River | GAR031102030401 | Staten Rd Bridge | WR2 | 197 | 0.00500 | | 1840 | 465 | 84 | 345 | 0.00880 | | 1070 | 1960 | 134 | 476 | |
| | | N Valdosta Rd Bridge | WR3 | 63 | 0.00500 | | 708 | 262 | 74 | 171 | 0.00500 | | 911 | 521 | 121 | 367 | |
| Withlacoochee River | GAR031102030806 | Hwy 133 Bridge Over Little River | WR4 | 120 | 0.00500 | 1.00000 | 520 | 359 | 211 | 262 | 0.01140 | 1.00000 | 984 | 384 | 3450 | 720 | |
| | | Hwy 84W Bridge | WR5 | 20 | 0.00500 | 1.00000 | 624 | 231 | 145 | 143 | 0.00500 | 1.00000 | 3280 | 464 | 320 | 617 | |
| Withlacoochee River | GAR031102030902 | Knights Ferry Rd Boat Ramp | WR6 | | 0.00500 | | | | | | 0.02190 | | | | | | |
| | | Madison Hwy Bridge | WR7 | | 0.00500 | | | | | | 0.00580 | | | | | | |
| Tributary to Withlacoochee River #2 | GAR031102030804 | Ousley Rd Culvert | WRT1 | 187 | | | 754 | 226 | 250 | 299 | | | 832 | 404 | 1400 | 647 | |
| | | Clyattville-Nankin Rd Culvert | WRT2 | 86 | | | 3260 | 573 | 2910 | 827 | DRY | | 987 | 2490 | 428 | 1017 | |

| REACH NAME | ID | SAMPLE STATION | STATION ID | 9/1--2/2020 | | | 9/8-9/2020 | 9/14-15/2020 | 9/22-23/2020 | SEP 2020 | 12/1--2/2020 | | | 12/8-9/2020 | 12/15-17/2020 | 12/22-23/2020 | DEC 2020 |
|-------------------------------------|-----------------|------------------------------------|------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|-----------------|-------------------|------------|-----------------|-----------------|-----------------|--------------------------|
| | | | | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml | FC mpn/100ml | LLM (TWR) µg/l | Pb µg/l | FC mpn/100ml | FC mpn/100ml | FC mpn/100ml | FC Geo Mean mpn/100ml |
| Alapaha River | GAR031102021203 | Old State Rd Boat Ramp | AR1 | | 0.00790 | | | | | | 0.00500 | | | | | | |
| | | River Bend Rd Riverbank | AR2 | | 0.00630 | | | | | | 0.01230 | | | | | | |
| Cat Creek | GAR031101030305 | GA Hwy 122E at Cat Creek Bridge | CR1 | | | | | | | | | | | | | | |
| Cat Creek | GAR031101030304 | Beatty Mill Creek Rd Streambank | CR2 | | | | | | | | | | | | | | |
| | | Cat Creek Rd Bridge | CR3 | | | | | | | | | | | | | | |
| Franks Creek | GAR031102040503 | GA Hwy 122 Bridge | FC0 | 554 | | | 638 | 1370 | 211 | 565 | | | 216 | 197 | 1200 | 416 | |
| | | Old Valdosta Rd Bridge | FC1 | 1320 | | | 842 | 1950 | 368 | 945 | | | 556 | 465 | 530 | 652 | |
| | | Shiloh Rd Bridge | FC2 | 1450 | | | 520 | 845 | 457 | 735 | | | 292 | 122 | 703 | 373 | |
| Jumping Gully Creek | GAR031102030903 | Jumping Gully Rd Bridge | JG2 | 384 | | | 591 | 1200 | 364 | 561 | | | 135 | 697 | 148 | 283 | |
| Mud Creek | GAR031102021102 | Johnson Rd SE Bridge | MC1 | 538 | | | 1,070 | 826 | 657 | 748 | | | 512 | 9,210 | 256 | 1083 | |
| | | Hickory Grove Rd @ Glenn Rd Bridge | MC2 | 355 | | | 959 | 538 | 488 | 547 | | | 253 | | 233 | 448 | |
| Withlacoochee River | GAR031102030403 | Hwy 122 E Bridge | WR1 | 199 | 0.01020 | | 120 | 158 | 959 | 245 | | 0.00500 | 171 | 63 | 397 | 191 | |
| Withlacoochee River | GAR031102030401 | Staten Rd Bridge | WR2 | 247 | 0.00880 | | 173 | 292 | 1300 | 357 | | 0.00500 | 156 | 197 | 259 | 253 | |
| | | N Valdosta Rd Bridge | WR3 | 179 | 0.00980 | | 291 | 1680 | 983 | 542 | | 0.00500 | 109 | 85 | 327 | 215 | |
| Withlacoochee River | GAR031102030806 | Hwy 133 Bridge Over Little River | WR4 | 520 | 0.00650 | 1.00000 | 146 | 185 | 285 | 252 | | 0.00500 | 31 | 41 | 191 | 83 | |
| | | Hwy 84W Bridge | WR5 | 285 | 0.00860 | 1.00000 | 134 | 120 | 379 | 204 | | 0.00500 | 134 | 20 | 121 | 98 | |
| Withlacoochee River | GAR031102030902 | Knights Ferry Rd Boat Ramp | WR6 | | 0.00630 | | | | | | | 0.01810 | | | | | |
| | | Madison Hwy Bridge | WR7 | | 0.07500 | | | | | | | 0.00500 | | | | | |
| Tributary to Withlacoochee River #2 | GAR031102030804 | Ousley Rd Culvert | WRT1 | 259 | | | 743 | 318 | 393 | 394 | | | 631 | 1660 | 109 | 621 | |
| | | Clyattville-Nankin Rd Culvert | WRT2 | 384 | | | DRY | DRY | DRY | 384 | | | DRY | 1860 | 288 | 732 | |

Notes:
 1- Lowndes County began initial stream sampling in April 2020. Subsequent sampling will be conducted annually in March, June, September, and December.
 2- In August 2020 Lowndes County updated the M&I Plan to include addition of FC0 in June, removal of TFC1 and TFC2 from the sampling plan since the impaired stream segment is in the City of Hahira. LC also removed JG1 since it is not on Jumping Gully Creek.

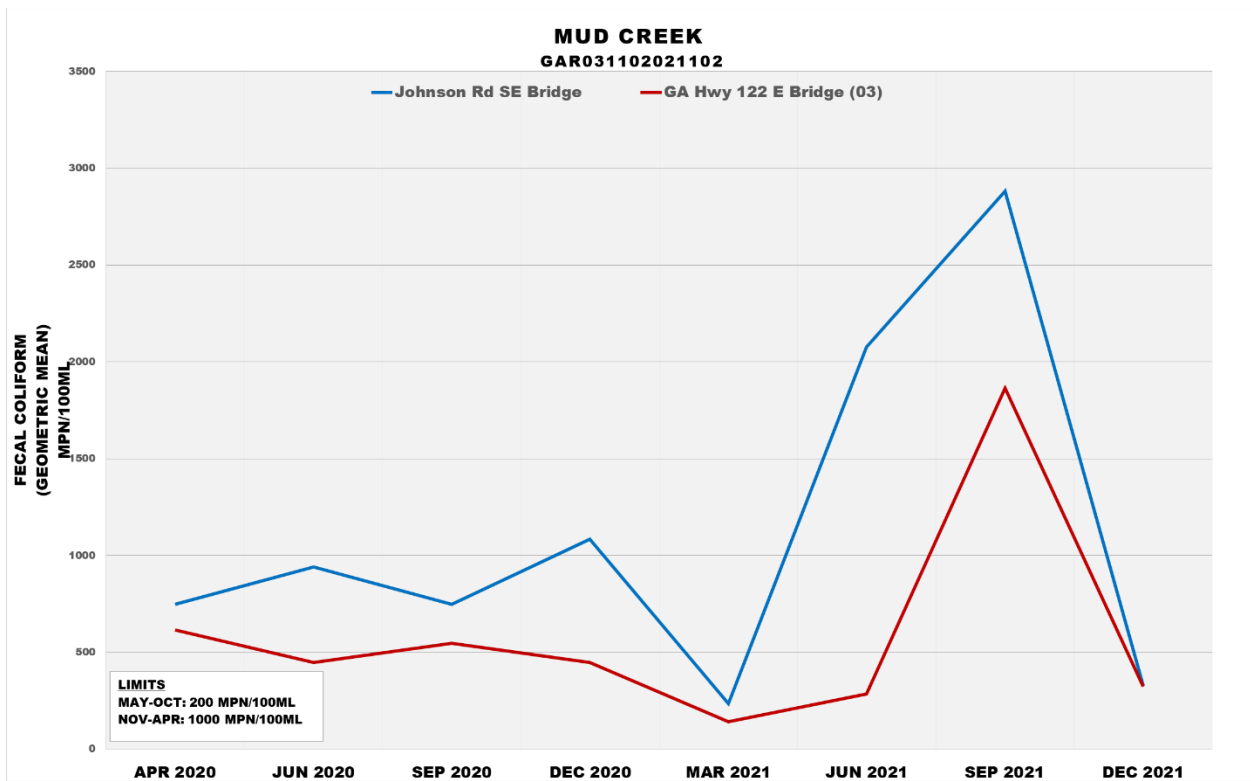
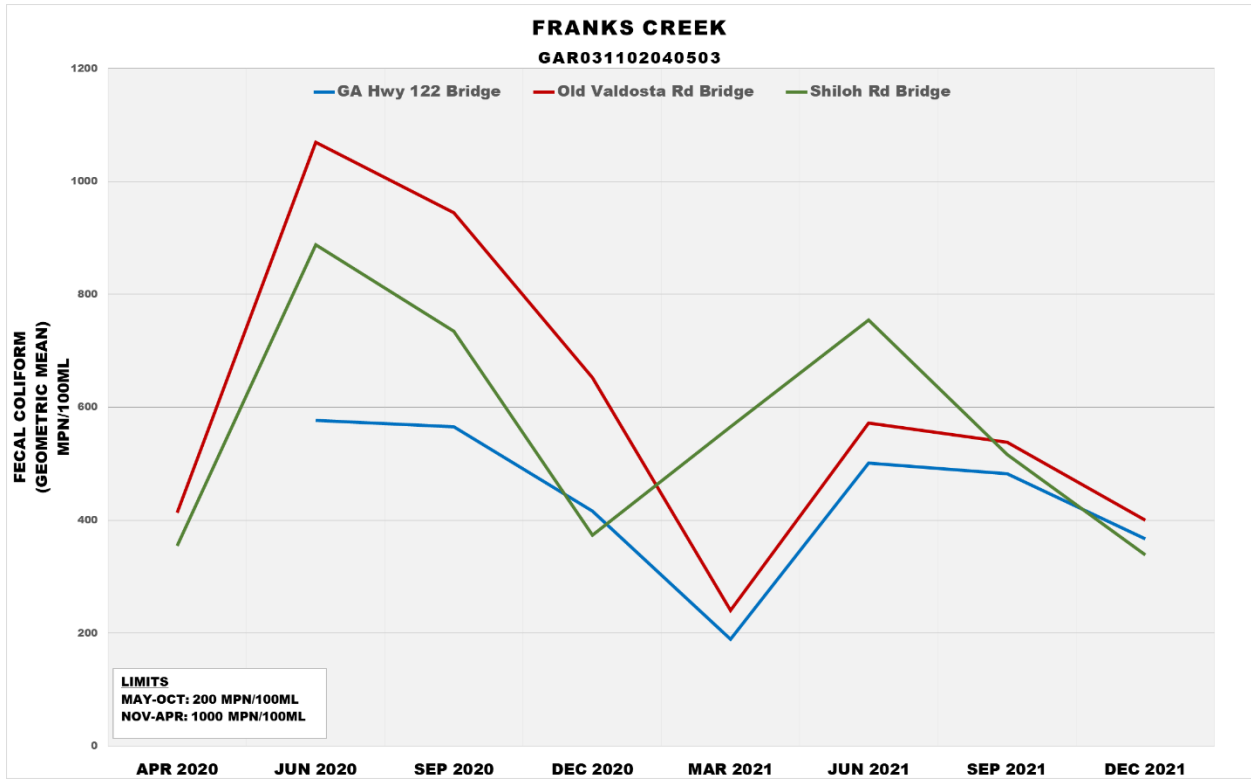
Not detected
 Acute exceeded
 Chronic exceeded
 FC exceeded

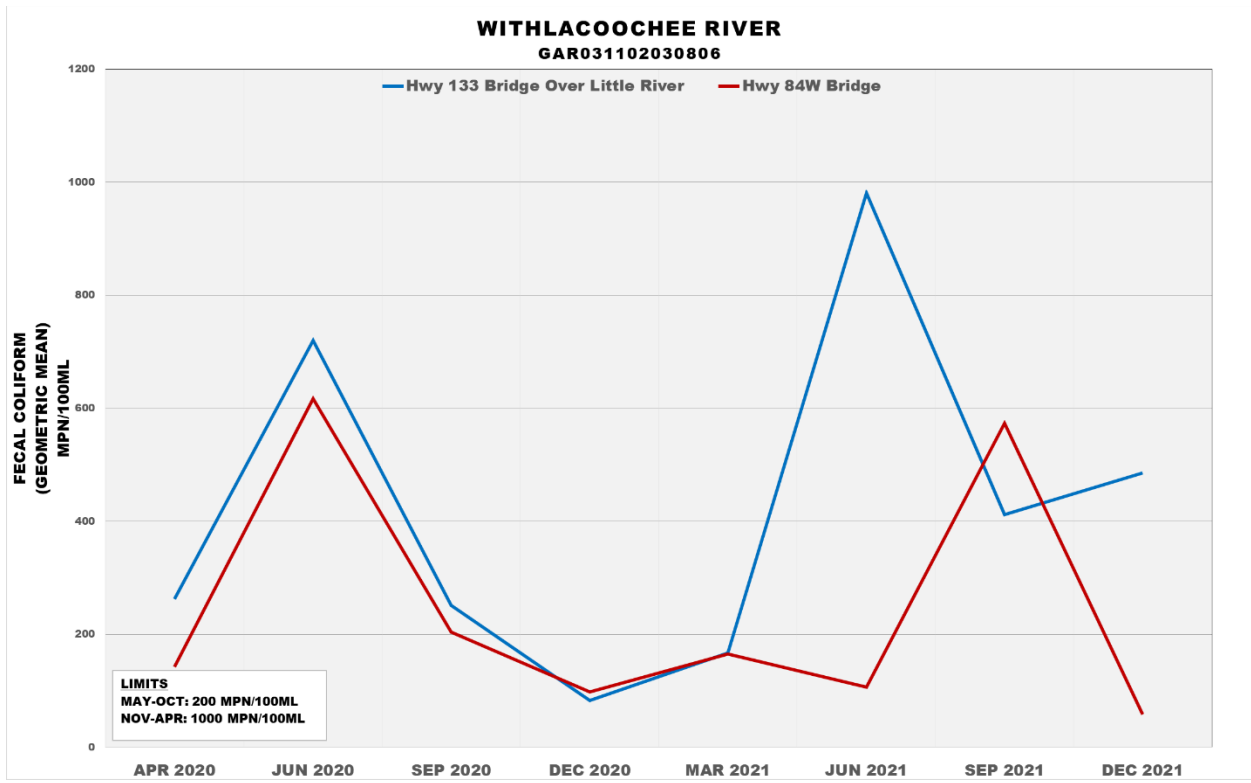
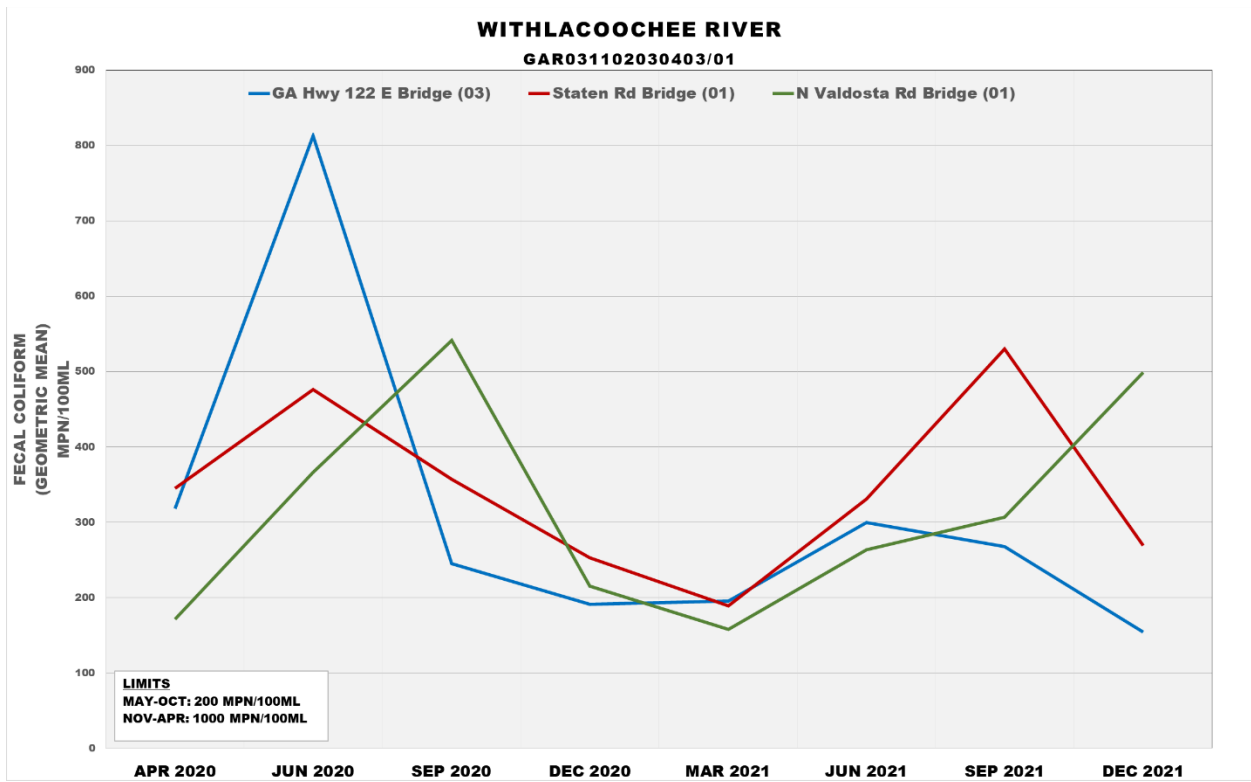
DISSOLVED OXYGEN MONITORING (mg/l)

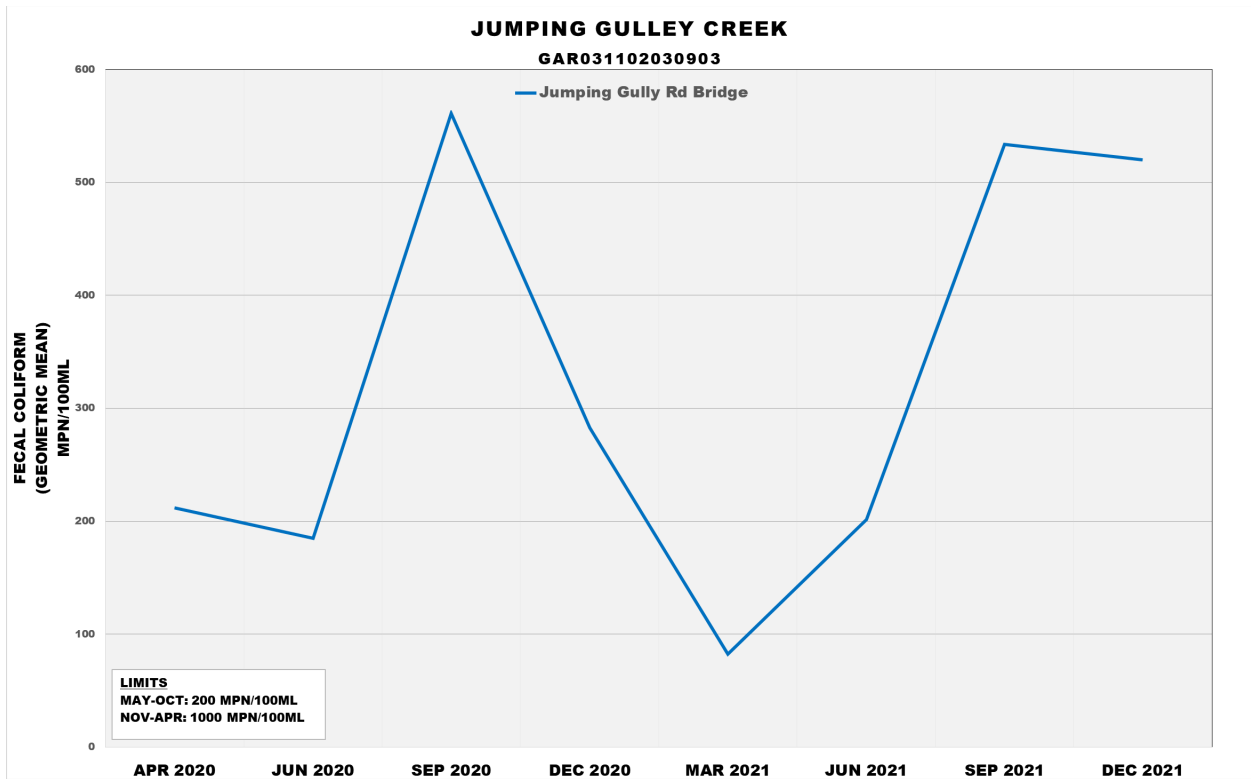
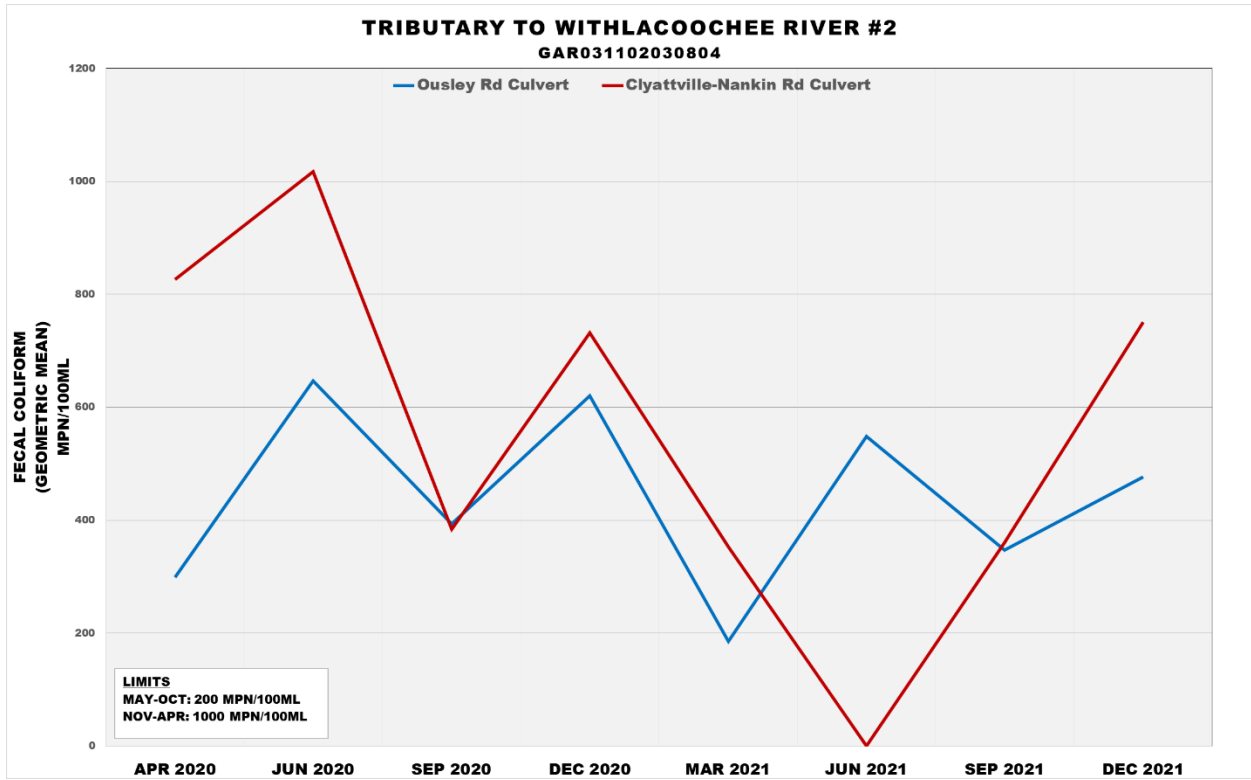
| REACH NAME | ID | SAMPLE STATION | STATION ID | JUNE | | | JULY | | | | | AUGUST | | | | |
|------------|---------------|---------------------------------|------------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| | | | | 6/3/2020 | 6/11/2020 | 6/18/2020 | 6/25/2020 | 7/2/2020 | 7/9/2020 | 7/17/2020 | 7/23/2020 | 7/30/2020 | 8/6/2020 | 8/13/2020 | 8/20/2020 | 8/27/2020 |
| Cat Creek | R031101030305 | GA Hwy 122E at Cat Creek Bridge | CC1 | 3.70 | 3.13 | 2.97 | 2.01 | 3.11 | 3.79 | 2.69 | 1.72 | 3.07 | 2.57 | 3.43 | 3.05 | 3.53 |
| Cat Creek | R031101030304 | Beatty Mill Creek Rd Streambank | CC2 | 1.83 | 4.26 | 4.57 | 3.74 | 4.74 | 3.93 | 4.00 | 3.47 | 4.75 | 3.97 | 4.78 | 4.43 | 4.25 |
| | | Cat Creek Rd Bridge | CC3 | 4.97 | 5.45 | 5.73 | 4.80 | 5.55 | 4.98 | 5.07 | 4.67 | 5.21 | 4.83 | 5.56 | 4.84 | 5.09 |

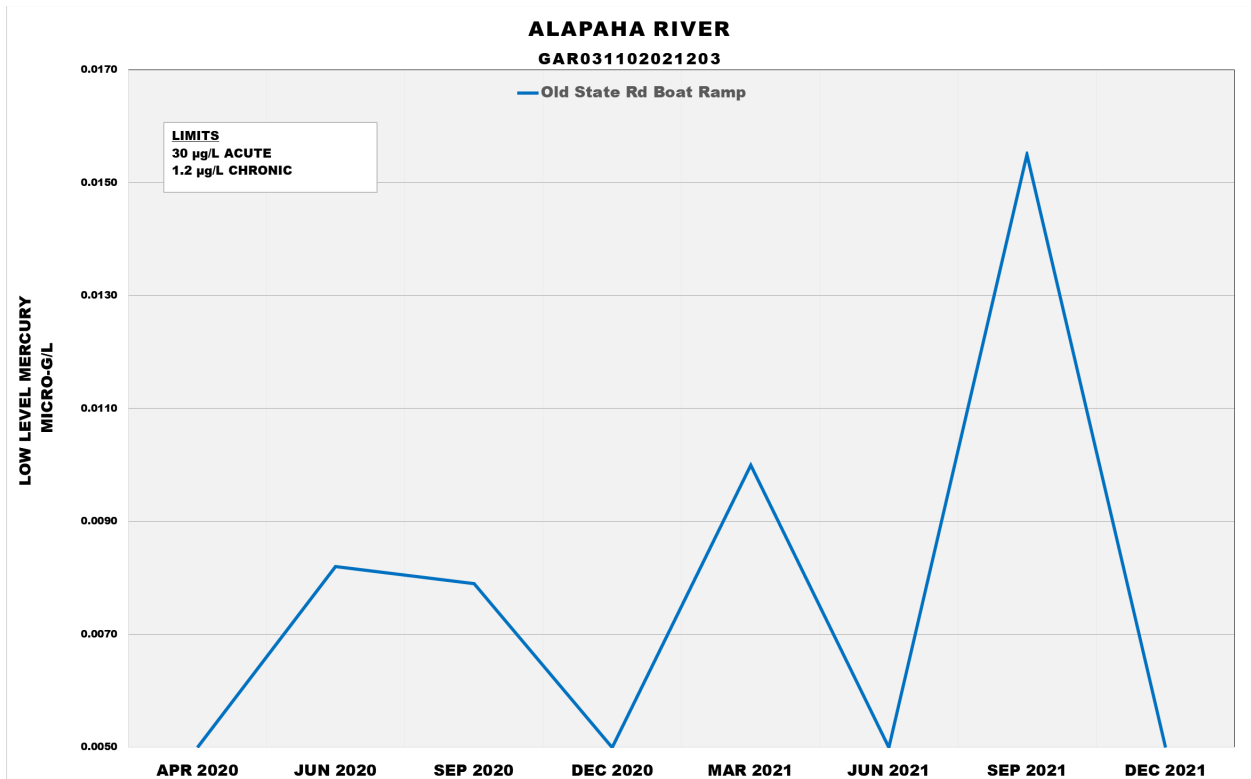
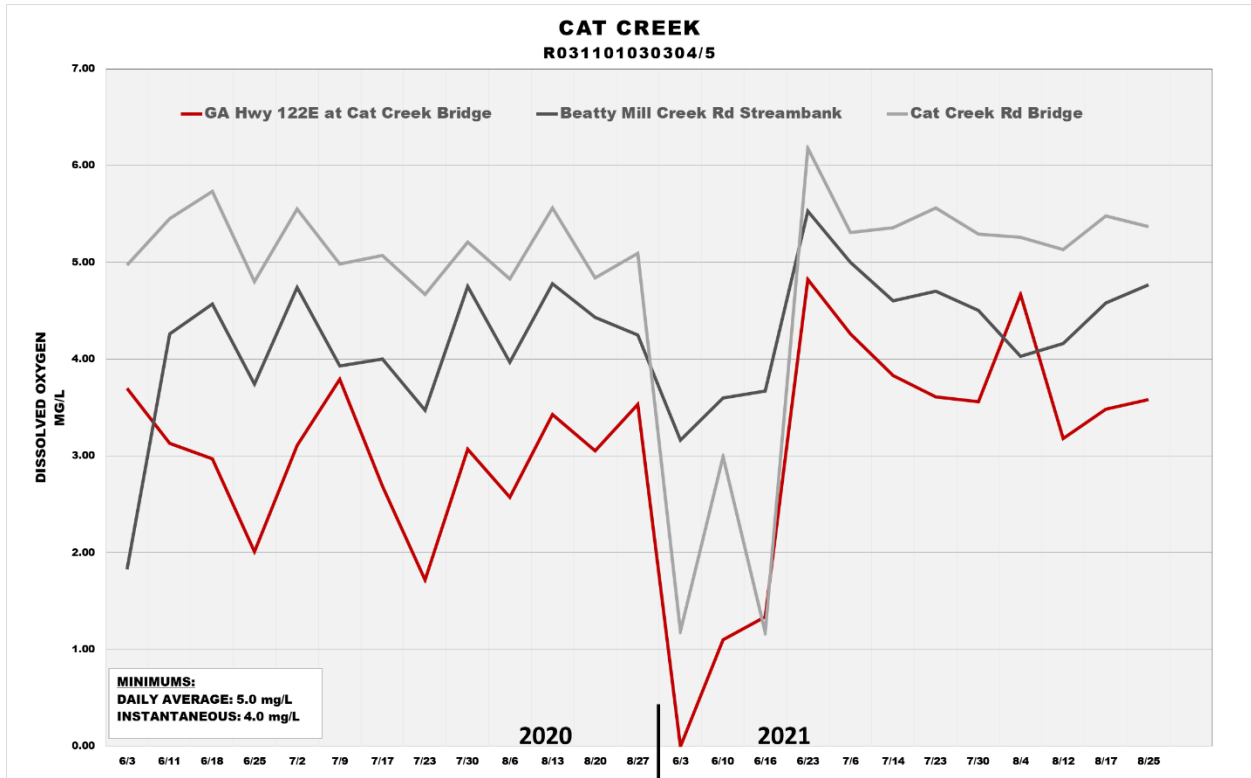
Water Quality Criteria (3/2019) For Fishing Use

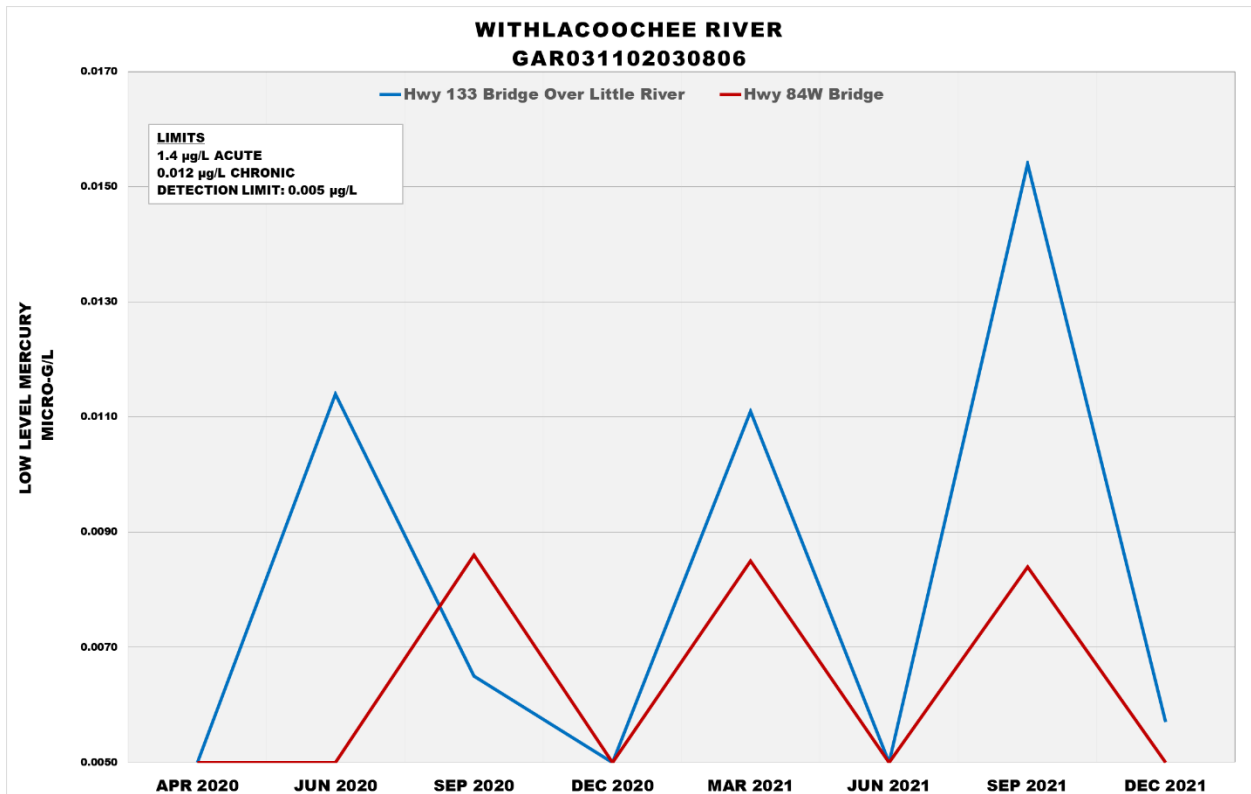
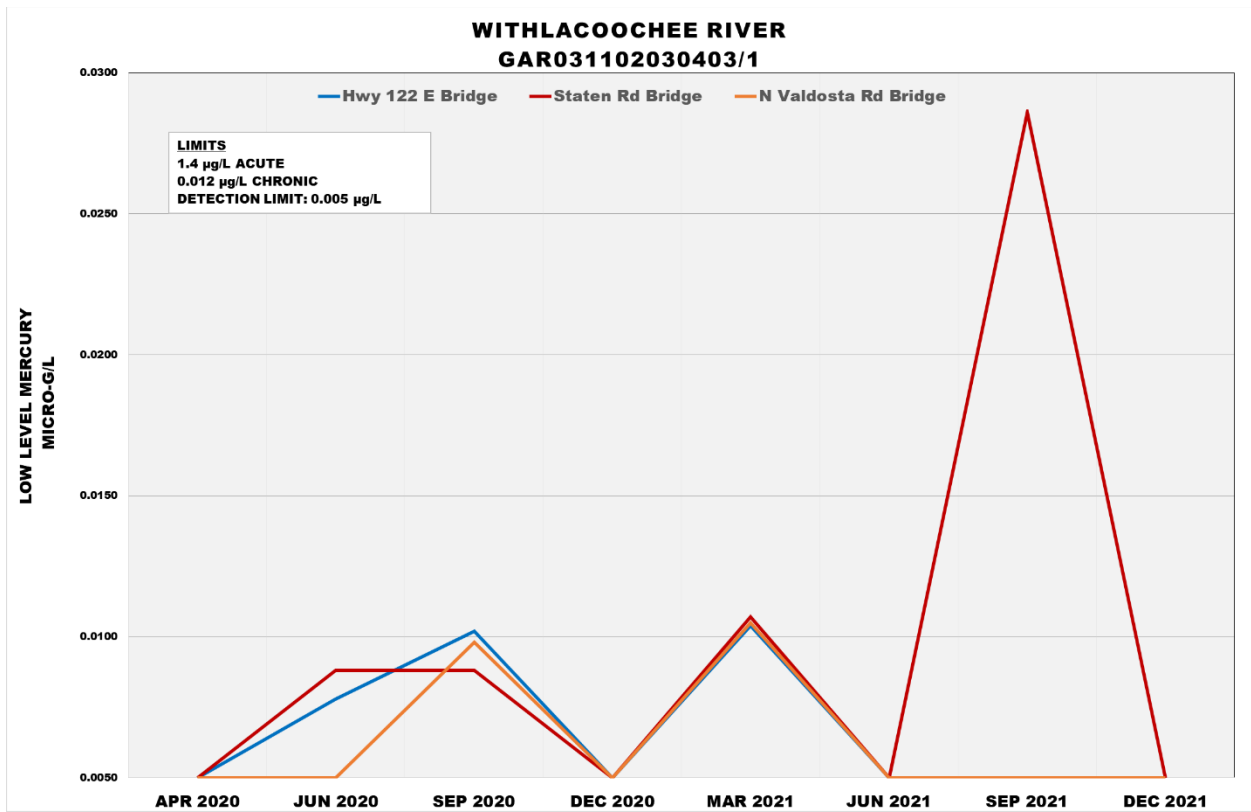
| | |
|---------|--|
| DO | 5.0 mg/l daily average Not < 4.0 mg/l |
| FC | May-Oct 30-day geometric mean 200 count/100 mL of fecal coliform Nov-Apr 30-day geometric mean 1000 counts/100 mL of fecal coliform |
| Lead | 30 µg/l acute 1.2 µg/l chronic |
| Mercury | 1.4 µg/l acute 0.012 µg/l chronic |

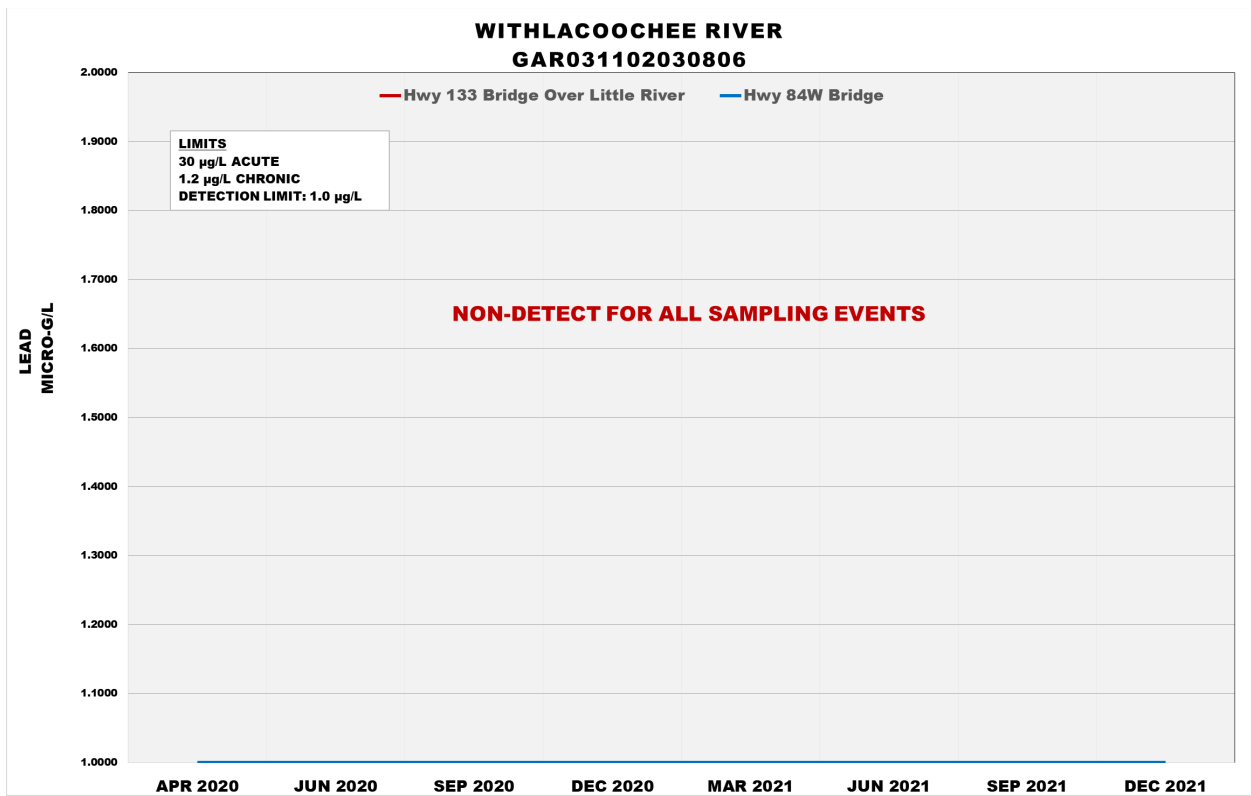
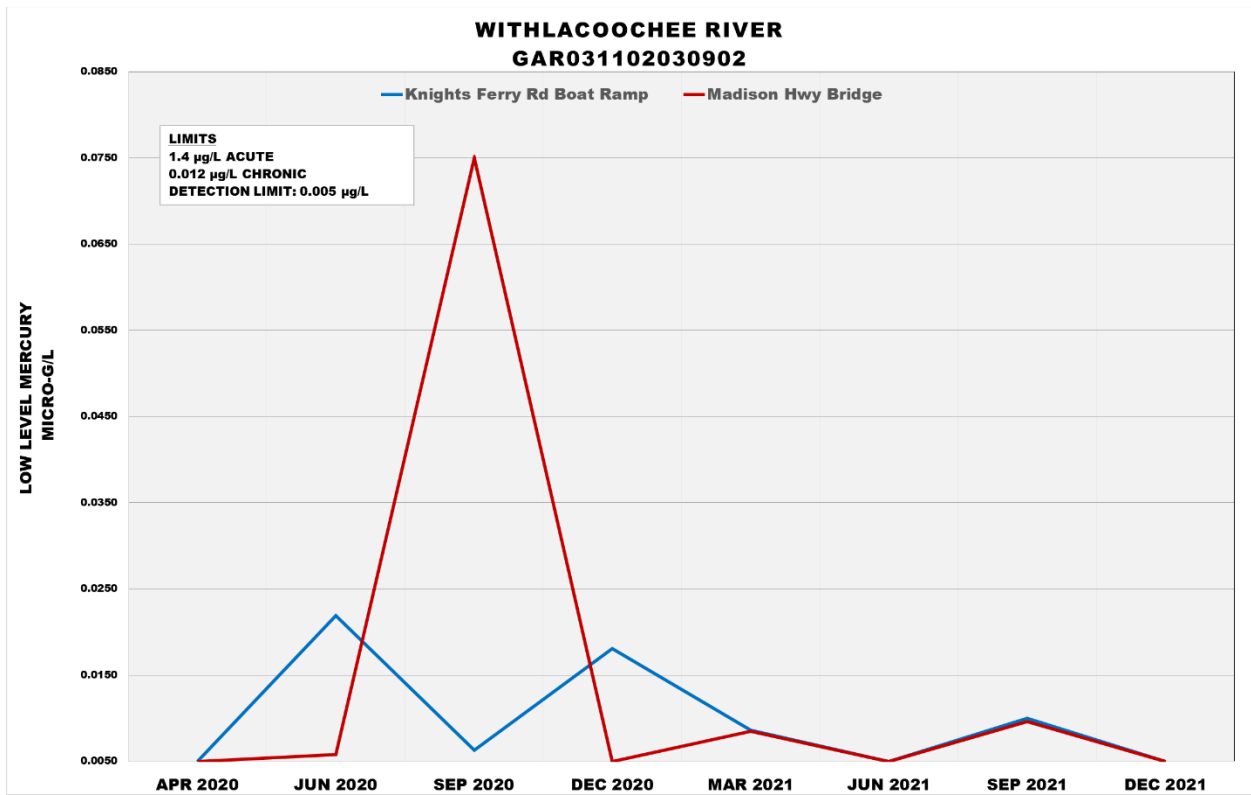












APPENDIX B
**DO Sonde Output/
Analytical Reports**



Location Properties

Location Name = CC1

Location ID = xxx

Report Properties

Start Time = 2021-06-03 13:06:00

Time Offset = -04:00:00

Duration = 00:00:00

Readings = 0

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Date Time

6/3/21 13:06:00.000

RDO Concentration (mg/L) (734143)

Stream too shallow for sonde

Location Properties

Location Name = CC2

Location ID = da665dbf-fb06-4851-bf81-c1dbb3036fbd

Report Properties

Start Time = 2021-06-03 13:21:43

Time Offset = -04:00:00

Duration = 00:01:04

Readings = 33

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Date Time**RDO Concentration (mg/L) (734143)**

| | |
|---------------------|----------|
| 6/3/21 13:21:43.000 | 3.218121 |
| 6/3/21 13:21:45.000 | 3.197635 |
| 6/3/21 13:21:47.000 | 3.196226 |
| 6/3/21 13:21:49.000 | 3.194817 |
| 6/3/21 13:21:51.000 | 3.193408 |
| 6/3/21 13:21:53.000 | 3.18912 |
| 6/3/21 13:21:55.000 | 3.188506 |
| 6/3/21 13:21:57.000 | 3.187892 |
| 6/3/21 13:21:59.000 | 3.171405 |
| 6/3/21 13:22:01.000 | 3.170558 |
| 6/3/21 13:22:03.000 | 3.169711 |
| 6/3/21 13:22:05.000 | 3.168864 |
| 6/3/21 13:22:07.000 | 3.152756 |
| 6/3/21 13:22:09.000 | 3.151722 |
| 6/3/21 13:22:11.000 | 3.150688 |
| 6/3/21 13:22:13.000 | 3.139777 |
| 6/3/21 13:22:15.000 | 3.138984 |
| 6/3/21 13:22:17.000 | 3.138191 |
| 6/3/21 13:22:19.000 | 3.137398 |
| 6/3/21 13:22:21.000 | 3.134926 |
| 6/3/21 13:22:23.000 | 3.134602 |
| 6/3/21 13:22:25.000 | 3.134278 |
| 6/3/21 13:22:27.000 | 3.133953 |
| 6/3/21 13:22:29.000 | 3.137012 |
| 6/3/21 13:22:31.000 | 3.137084 |
| 6/3/21 13:22:33.000 | 3.137156 |
| 6/3/21 13:22:35.000 | 3.139724 |
| 6/3/21 13:22:37.000 | 3.13989 |
| 6/3/21 13:22:39.000 | 3.140057 |
| 6/3/21 13:22:41.000 | 3.140223 |

6/3/21 13:22:43.000
6/3/21 13:22:45.000
6/3/21 13:22:47.000

3.144558
3.144803
3.145049

Location Properties

Location Name = CC3

Location ID = 3747455e-c10e-42a3-ade4-02204c8793eb

Report Properties

Start Time = 2021-06-03 12:51:20

Time Offset = -04:00:00

Duration = 00:01:56

Readings = 59

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

| Date Time | RDO Concentration (mg/L) (734143) |
|---------------------|--|
| 6/3/21 12:51:20.000 | 1.27307 |
| 6/3/21 12:51:22.000 | 1.273729 |
| 6/3/21 12:51:24.000 | 1.274388 |
| 6/3/21 12:51:26.000 | 1.282635 |
| 6/3/21 12:51:28.000 | 1.283196 |
| 6/3/21 12:51:30.000 | 1.283756 |
| 6/3/21 12:51:32.000 | 1.280439 |
| 6/3/21 12:51:34.000 | 1.280445 |
| 6/3/21 12:51:36.000 | 1.280452 |
| 6/3/21 12:51:38.000 | 1.280459 |
| 6/3/21 12:51:40.000 | 1.268782 |
| 6/3/21 12:51:42.000 | 1.268211 |
| 6/3/21 12:51:44.000 | 1.26764 |
| 6/3/21 12:51:46.000 | 1.267069 |
| 6/3/21 12:51:48.000 | 1.258047 |
| 6/3/21 12:51:50.000 | 1.25743 |
| 6/3/21 12:51:52.000 | 1.256813 |
| 6/3/21 12:51:54.000 | 1.250531 |
| 6/3/21 12:51:56.000 | 1.250074 |
| 6/3/21 12:51:58.000 | 1.249616 |
| 6/3/21 12:52:00.000 | 1.249158 |
| 6/3/21 12:52:02.000 | 1.240235 |
| 6/3/21 12:52:04.000 | 1.239715 |
| 6/3/21 12:52:06.000 | 1.239194 |
| 6/3/21 12:52:08.000 | 1.228894 |
| 6/3/21 12:52:10.000 | 1.228261 |
| 6/3/21 12:52:12.000 | 1.227627 |
| 6/3/21 12:52:14.000 | 1.226993 |
| 6/3/21 12:52:16.000 | 1.205547 |
| 6/3/21 12:52:18.000 | 1.204375 |

| | |
|---------------------|----------|
| 6/3/21 12:52:20.000 | 1.203202 |
| 6/3/21 12:52:22.000 | 1.20203 |
| 6/3/21 12:52:24.000 | 1.17933 |
| 6/3/21 12:52:26.000 | 1.177908 |
| 6/3/21 12:52:28.000 | 1.176486 |
| 6/3/21 12:52:30.000 | 1.153389 |
| 6/3/21 12:52:32.000 | 1.151914 |
| 6/3/21 12:52:34.000 | 1.15044 |
| 6/3/21 12:52:36.000 | 1.148966 |
| 6/3/21 12:52:38.000 | 1.12919 |
| 6/3/21 12:52:40.000 | 1.127845 |
| 6/3/21 12:52:42.000 | 1.1265 |
| 6/3/21 12:52:44.000 | 1.125154 |
| 6/3/21 12:52:46.000 | 1.112366 |
| 6/3/21 12:52:48.000 | 1.111401 |
| 6/3/21 12:52:50.000 | 1.110436 |
| 6/3/21 12:52:52.000 | 1.103773 |
| 6/3/21 12:52:54.000 | 1.103226 |
| 6/3/21 12:52:56.000 | 1.102679 |
| 6/3/21 12:52:58.000 | 1.102132 |
| 6/3/21 12:53:00.000 | 1.096052 |
| 6/3/21 12:53:02.000 | 1.095644 |
| 6/3/21 12:53:04.000 | 1.095236 |
| 6/3/21 12:53:06.000 | 1.094829 |
| 6/3/21 12:53:08.000 | 1.08768 |
| 6/3/21 12:53:10.000 | 1.087242 |
| 6/3/21 12:53:12.000 | 1.086803 |
| 6/3/21 12:53:14.000 | 1.079265 |
| 6/3/21 12:53:16.000 | 1.078789 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-06-10 12:50:09

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time**RDO Concentration (mg/L) (734143)**

| | |
|----------------------|----------|
| 6/10/21 12:50:09.000 | 1.080768 |
| 6/10/21 12:50:11.000 | 1.080768 |
| 6/10/21 12:50:13.000 | 1.080768 |
| 6/10/21 12:50:15.000 | 1.080768 |
| 6/10/21 12:50:17.000 | 1.081262 |
| 6/10/21 12:50:19.000 | 1.081303 |
| 6/10/21 12:50:21.000 | 1.081345 |
| 6/10/21 12:50:23.000 | 1.081387 |
| 6/10/21 12:50:25.000 | 1.08691 |
| 6/10/21 12:50:27.000 | 1.087182 |
| 6/10/21 12:50:29.000 | 1.087454 |
| 6/10/21 12:50:31.000 | 1.087726 |
| 6/10/21 12:50:33.000 | 1.098637 |
| 6/10/21 12:50:35.000 | 1.099227 |
| 6/10/21 12:50:37.000 | 1.099817 |
| 6/10/21 12:50:39.000 | 1.106837 |
| 6/10/21 12:50:41.000 | 1.107351 |
| 6/10/21 12:50:43.000 | 1.107866 |
| 6/10/21 12:50:45.000 | 1.10838 |
| 6/10/21 12:50:47.000 | 1.112301 |
| 6/10/21 12:50:49.000 | 1.112613 |
| 6/10/21 12:50:51.000 | 1.112924 |
| 6/10/21 12:50:53.000 | 1.11568 |
| 6/10/21 12:50:55.000 | 1.115879 |

| | |
|----------------------|----------|
| 6/10/21 12:50:57.000 | 1.116079 |
| 6/10/21 12:50:59.000 | 1.116278 |
| 6/10/21 12:51:01.000 | 1.115641 |
| 6/10/21 12:51:03.000 | 1.115664 |
| 6/10/21 12:51:05.000 | 1.115688 |
| 6/10/21 12:51:07.000 | 1.115711 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-06-10 12:37:45

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

6/10/21 12:37:45.000
6/10/21 12:37:47.000
6/10/21 12:37:49.000
6/10/21 12:37:51.000
6/10/21 12:37:53.000
6/10/21 12:37:55.000
6/10/21 12:37:57.000
6/10/21 12:37:59.000
6/10/21 12:38:01.000
6/10/21 12:38:03.000
6/10/21 12:38:05.000
6/10/21 12:38:07.000
6/10/21 12:38:09.000
6/10/21 12:38:11.000
6/10/21 12:38:13.000
6/10/21 12:38:15.000
6/10/21 12:38:17.000
6/10/21 12:38:19.000
6/10/21 12:38:21.000
6/10/21 12:38:23.000
6/10/21 12:38:25.000
6/10/21 12:38:27.000
6/10/21 12:38:29.000
6/10/21 12:38:31.000

RDO Concentration (mg/L) (734143)

3.628055
3.627686
3.627316
3.625798
3.625629
3.625461
3.619364
3.619051
3.618737
3.618424
3.611986
3.611576
3.611167
3.606834
3.606514
3.606193
3.605872
3.599513
3.599138
3.598763
3.598389
3.588845
3.588309
3.587772

| | |
|----------------------|----------|
| 6/10/21 12:38:33.000 | 3.581871 |
| 6/10/21 12:38:35.000 | 3.581431 |
| 6/10/21 12:38:37.000 | 3.58099 |
| 6/10/21 12:38:39.000 | 3.58055 |
| 6/10/21 12:38:41.000 | 3.575284 |
| 6/10/21 12:38:43.000 | 3.574929 |
| 6/10/21 12:38:45.000 | 3.574575 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-06-10 12:18:55

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

6/10/21 12:18:55.000
6/10/21 12:18:57.000
6/10/21 12:18:59.000
6/10/21 12:19:01.000
6/10/21 12:19:03.000
6/10/21 12:19:05.000
6/10/21 12:19:07.000
6/10/21 12:19:09.000
6/10/21 12:19:11.000
6/10/21 12:19:13.000
6/10/21 12:19:15.000
6/10/21 12:19:17.000
6/10/21 12:19:19.000
6/10/21 12:19:21.000
6/10/21 12:19:23.000
6/10/21 12:19:25.000
6/10/21 12:19:27.000
6/10/21 12:19:29.000
6/10/21 12:19:31.000
6/10/21 12:19:33.000
6/10/21 12:19:35.000
6/10/21 12:19:37.000
6/10/21 12:19:39.000
6/10/21 12:19:41.000

RDO Concentration (mg/L) (734143)

2.998518
2.998095
2.99535
2.995146
2.994941
2.994737
2.994693
2.994638
2.994583
2.994529
2.991265
2.991118
2.990972
2.987746
2.987542
2.987338
2.987133
2.985064
2.984912
2.98476
2.984608
2.979646
2.979386
2.979125

| | |
|----------------------|----------|
| 6/10/21 12:19:43.000 | 2.980742 |
| 6/10/21 12:19:45.000 | 2.980723 |
| 6/10/21 12:19:47.000 | 2.980704 |
| 6/10/21 12:19:49.000 | 2.980685 |
| 6/10/21 12:19:51.000 | 2.974929 |
| 6/10/21 12:19:53.000 | 2.974696 |

Location Properties

Location Name = CC1

Location ID = 2517ee52-f232-47f9-b305-ab4b1680efcd

Latitude = 31.0254833748412 °

Longitude = -83.2239162549376 °

Report Properties

Start Time = 2021-06-16 13:32:58

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Date Time**RDO Concentration (mg/L) (734143)**

| | |
|----------------------|----------|
| 6/16/21 13:32:58.000 | 2.105765 |
| 6/16/21 13:33:00.000 | 1.804988 |
| 6/16/21 13:33:02.000 | 1.78177 |
| 6/16/21 13:33:04.000 | 1.758553 |
| 6/16/21 13:33:06.000 | 1.735335 |
| 6/16/21 13:33:08.000 | 1.583933 |
| 6/16/21 13:33:10.000 | 1.570685 |
| 6/16/21 13:33:12.000 | 1.557438 |
| 6/16/21 13:33:14.000 | 1.403529 |
| 6/16/21 13:33:16.000 | 1.393504 |
| 6/16/21 13:33:18.000 | 1.383479 |
| 6/16/21 13:33:20.000 | 1.373453 |
| 6/16/21 13:33:22.000 | 1.291406 |
| 6/16/21 13:33:24.000 | 1.284711 |
| 6/16/21 13:33:26.000 | 1.278017 |
| 6/16/21 13:33:28.000 | 1.229849 |
| 6/16/21 13:33:30.000 | 1.226092 |
| 6/16/21 13:33:32.000 | 1.222334 |
| 6/16/21 13:33:34.000 | 1.218577 |
| 6/16/21 13:33:36.000 | 1.190525 |
| 6/16/21 13:33:38.000 | 1.18832 |
| 6/16/21 13:33:40.000 | 1.186114 |
| 6/16/21 13:33:42.000 | 1.183909 |
| 6/16/21 13:33:44.000 | 1.119579 |
| 6/16/21 13:33:46.000 | 1.116109 |
| 6/16/21 13:33:48.000 | 1.112639 |
| 6/16/21 13:33:50.000 | 1.085783 |
| 6/16/21 13:33:52.000 | 1.083333 |

| | |
|----------------------|----------|
| 6/16/21 13:33:54.000 | 1.080882 |
| 6/16/21 13:33:56.000 | 1.078432 |
| 6/16/21 13:33:58.000 | 1.064024 |

Location Properties

Location Name = CC2

Location ID = da665dbf-fb06-4851-bf81-c1dbb3036fbd

Latitude = 31.0203079029921 °

Longitude = -83.2296152785421 °

Report Properties

Start Time = 2021-06-16 13:58:28

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Date Time**RDO Concentration (mg/L) (734143)**

| | |
|----------------------|----------|
| 6/16/21 13:58:28.000 | 3.948045 |
| 6/16/21 13:58:30.000 | 3.937488 |
| 6/16/21 13:58:32.000 | 3.839263 |
| 6/16/21 13:58:34.000 | 3.832506 |
| 6/16/21 13:58:36.000 | 3.82575 |
| 6/16/21 13:58:38.000 | 3.726642 |
| 6/16/21 13:58:40.000 | 3.720218 |
| 6/16/21 13:58:42.000 | 3.713794 |
| 6/16/21 13:58:44.000 | 3.70737 |
| 6/16/21 13:58:46.000 | 3.67222 |
| 6/16/21 13:58:48.000 | 3.668686 |
| 6/16/21 13:58:50.000 | 3.665152 |
| 6/16/21 13:58:52.000 | 3.644976 |
| 6/16/21 13:58:54.000 | 3.643377 |
| 6/16/21 13:58:56.000 | 3.641777 |
| 6/16/21 13:58:58.000 | 3.640177 |
| 6/16/21 13:59:00.000 | 3.626743 |
| 6/16/21 13:59:02.000 | 3.625741 |
| 6/16/21 13:59:04.000 | 3.624738 |
| 6/16/21 13:59:06.000 | 3.623735 |
| 6/16/21 13:59:08.000 | 3.609921 |
| 6/16/21 13:59:10.000 | 3.60903 |
| 6/16/21 13:59:12.000 | 3.608139 |
| 6/16/21 13:59:14.000 | 3.59783 |
| 6/16/21 13:59:16.000 | 3.597102 |
| 6/16/21 13:59:18.000 | 3.596373 |
| 6/16/21 13:59:20.000 | 3.595645 |
| 6/16/21 13:59:22.000 | 3.598694 |

6/16/21 13:59:24.000

3.598634

6/16/21 13:59:26.000

3.598575

Location Properties

Location Name = CC3

Location ID = 3747455e-c10e-42a3-ade4-02204c8793eb

Latitude = 30.9900151404622 °

Longitude = -83.2447932288051 °

Report Properties

Start Time = 2021-06-16 13:20:53

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Date Time**RDO Concentration (mg/L) (734143)**

| | |
|----------------------|----------|
| 6/16/21 13:20:53.000 | 1.40714 |
| 6/16/21 13:20:55.000 | 1.399223 |
| 6/16/21 13:20:57.000 | 1.332482 |
| 6/16/21 13:20:59.000 | 1.327482 |
| 6/16/21 13:21:01.000 | 1.322483 |
| 6/16/21 13:21:03.000 | 1.317483 |
| 6/16/21 13:21:05.000 | 1.263634 |
| 6/16/21 13:21:07.000 | 1.259912 |
| 6/16/21 13:21:09.000 | 1.256191 |
| 6/16/21 13:21:11.000 | 1.252469 |
| 6/16/21 13:21:13.000 | 1.208143 |
| 6/16/21 13:21:15.000 | 1.205082 |
| 6/16/21 13:21:17.000 | 1.202022 |
| 6/16/21 13:21:19.000 | 1.163691 |
| 6/16/21 13:21:21.000 | 1.161086 |
| 6/16/21 13:21:23.000 | 1.158482 |
| 6/16/21 13:21:25.000 | 1.155877 |
| 6/16/21 13:21:27.000 | 1.122119 |
| 6/16/21 13:21:29.000 | 1.119862 |
| 6/16/21 13:21:31.000 | 1.117605 |
| 6/16/21 13:21:33.000 | 1.115348 |
| 6/16/21 13:21:35.000 | 1.095107 |
| 6/16/21 13:21:37.000 | 1.093533 |
| 6/16/21 13:21:39.000 | 1.091959 |
| 6/16/21 13:21:41.000 | 1.077073 |
| 6/16/21 13:21:43.000 | 1.075998 |
| 6/16/21 13:21:45.000 | 1.074923 |
| 6/16/21 13:21:47.000 | 1.073848 |

6/16/21 13:21:49.000
6/16/21 13:21:51.000
6/16/21 13:21:53.000

1.066336
1.0657
1.065064

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-06-23 13:58:43

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

6/23/21 13:58:43.000
6/23/21 13:58:45.000
6/23/21 13:58:47.000
6/23/21 13:58:49.000
6/23/21 13:58:51.000
6/23/21 13:58:53.000
6/23/21 13:58:55.000
6/23/21 13:58:57.000
6/23/21 13:58:59.000
6/23/21 13:59:01.000
6/23/21 13:59:03.000
6/23/21 13:59:05.000
6/23/21 13:59:07.000
6/23/21 13:59:09.000
6/23/21 13:59:11.000
6/23/21 13:59:13.000
6/23/21 13:59:15.000
6/23/21 13:59:17.000
6/23/21 13:59:19.000
6/23/21 13:59:21.000
6/23/21 13:59:23.000
6/23/21 13:59:25.000
6/23/21 13:59:27.000
6/23/21 13:59:29.000

RDO Concentration (mg/L) (734143)

4.815266
4.815265
4.815263
4.815262
4.813433
4.813364
4.813294
4.814297
4.814305
4.814314
4.814323
4.816074
4.816167
4.816261
4.820093
4.820299
4.820505
4.820711
4.819751
4.81978
4.819809
4.819839
4.820511
4.820526

| | |
|----------------------|----------|
| 6/23/21 13:59:31.000 | 4.82054 |
| 6/23/21 13:59:33.000 | 4.820276 |
| 6/23/21 13:59:35.000 | 4.820278 |
| 6/23/21 13:59:37.000 | 4.82028 |
| 6/23/21 13:59:39.000 | 4.820282 |
| 6/23/21 13:59:41.000 | 4.821884 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-06-23 13:47:13

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

6/23/21 13:47:13.000
6/23/21 13:47:15.000
6/23/21 13:47:17.000
6/23/21 13:47:19.000
6/23/21 13:47:21.000
6/23/21 13:47:23.000
6/23/21 13:47:25.000
6/23/21 13:47:27.000
6/23/21 13:47:29.000
6/23/21 13:47:31.000
6/23/21 13:47:33.000
6/23/21 13:47:35.000
6/23/21 13:47:37.000
6/23/21 13:47:39.000
6/23/21 13:47:41.000
6/23/21 13:47:43.000
6/23/21 13:47:45.000
6/23/21 13:47:47.000
6/23/21 13:47:49.000
6/23/21 13:47:51.000
6/23/21 13:47:53.000
6/23/21 13:47:55.000
6/23/21 13:47:57.000
6/23/21 13:47:59.000

RDO Concentration (mg/L) (734143)

5.514517
5.512993
5.512889
5.512785
5.512681
5.520999
5.521333
5.521666
5.525277
5.525587
5.525896
5.526206
5.531586
5.531898
5.53221
5.532522
5.537315
5.53764
5.537964
5.536811
5.536856
5.536901
5.536945
5.533057

| | |
|----------------------|----------|
| 6/23/21 13:48:01.000 | 5.532875 |
| 6/23/21 13:48:03.000 | 5.532691 |
| 6/23/21 13:48:05.000 | 5.535638 |
| 6/23/21 13:48:07.000 | 5.535717 |
| 6/23/21 13:48:09.000 | 5.535796 |
| 6/23/21 13:48:11.000 | 5.535875 |
| 6/23/21 13:48:13.000 | 5.536695 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-06-23 13:26:17

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

6/23/21 13:26:17.000
6/23/21 13:26:19.000
6/23/21 13:26:21.000
6/23/21 13:26:23.000
6/23/21 13:26:25.000
6/23/21 13:26:27.000
6/23/21 13:26:29.000
6/23/21 13:26:31.000
6/23/21 13:26:33.000
6/23/21 13:26:35.000
6/23/21 13:26:37.000
6/23/21 13:26:39.000
6/23/21 13:26:41.000
6/23/21 13:26:43.000
6/23/21 13:26:45.000
6/23/21 13:26:47.000
6/23/21 13:26:49.000
6/23/21 13:26:51.000
6/23/21 13:26:53.000
6/23/21 13:26:55.000
6/23/21 13:26:57.000
6/23/21 13:26:59.000
6/23/21 13:27:01.000
6/23/21 13:27:03.000

RDO Concentration (mg/L) (734143)

6.157988
6.158152
6.158315
6.161577
6.161842
6.162107
6.174681
6.175323
6.175964
6.176605
6.175684
6.175887
6.17609
6.176292
6.175889
6.175862
6.175836
6.195915
6.196864
6.197814
6.198764
6.194386
6.194598
6.19481

| | |
|----------------------|----------|
| 6/23/21 13:27:05.000 | 6.195023 |
| 6/23/21 13:27:07.000 | 6.193528 |
| 6/23/21 13:27:09.000 | 6.193404 |
| 6/23/21 13:27:11.000 | 6.193279 |
| 6/23/21 13:27:13.000 | 6.196523 |
| 6/23/21 13:27:15.000 | 6.196653 |
| 6/23/21 13:27:17.000 | 6.196784 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-07-06 13:41:39

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/6/21 13:41:39.000

7/6/21 13:41:41.000

7/6/21 13:41:43.000

7/6/21 13:41:45.000

7/6/21 13:41:47.000

7/6/21 13:41:49.000

7/6/21 13:41:51.000

7/6/21 13:41:53.000

7/6/21 13:41:55.000

7/6/21 13:41:57.000

7/6/21 13:41:59.000

7/6/21 13:42:01.000

7/6/21 13:42:03.000

7/6/21 13:42:05.000

7/6/21 13:42:07.000

7/6/21 13:42:09.000

7/6/21 13:42:11.000

7/6/21 13:42:13.000

7/6/21 13:42:15.000

7/6/21 13:42:17.000

7/6/21 13:42:19.000

7/6/21 13:42:21.000

7/6/21 13:42:23.000

7/6/21 13:42:25.000

RDO Concentration (mg/L) (734143)

4.288995

4.281621

4.281076

4.280532

4.277857

4.277596

4.277334

4.277073

4.267728

4.267245

4.266762

4.26628

4.262539

4.262183

4.261827

4.256548

4.25624

4.255932

4.255624

4.254441

4.25429

4.254138

4.254198

4.254181

| | |
|---------------------|----------|
| 7/6/21 13:42:27.000 | 4.254164 |
| 7/6/21 13:42:29.000 | 4.254148 |
| 7/6/21 13:42:31.000 | 4.251715 |
| 7/6/21 13:42:33.000 | 4.251608 |
| 7/6/21 13:42:35.000 | 4.251501 |
| 7/6/21 13:42:37.000 | 4.251393 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-07-06 13:29:32

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/6/21 13:29:32.000

7/6/21 13:29:34.000

7/6/21 13:29:36.000

7/6/21 13:29:38.000

7/6/21 13:29:40.000

7/6/21 13:29:42.000

7/6/21 13:29:44.000

7/6/21 13:29:46.000

7/6/21 13:29:48.000

7/6/21 13:29:50.000

7/6/21 13:29:52.000

7/6/21 13:29:54.000

7/6/21 13:29:56.000

7/6/21 13:29:58.000

7/6/21 13:30:00.000

7/6/21 13:30:02.000

7/6/21 13:30:04.000

7/6/21 13:30:06.000

7/6/21 13:30:08.000

7/6/21 13:30:10.000

7/6/21 13:30:12.000

7/6/21 13:30:14.000

7/6/21 13:30:16.000

7/6/21 13:30:18.000

RDO Concentration (mg/L) (734143)

5.016418

5.009958

5.009295

5.008633

5.004298

5.003976

5.003654

5.003332

4.99874

4.998446

4.998152

4.997858

4.998653

4.998594

4.998534

4.998475

4.997391

4.997353

4.997315

4.999684

4.999771

4.999858

4.999945

4.99651

| | |
|---------------------|----------|
| 7/6/21 13:30:20.000 | 4.996398 |
| 7/6/21 13:30:22.000 | 4.996286 |
| 7/6/21 13:30:24.000 | 4.994258 |
| 7/6/21 13:30:26.000 | 4.9941 |
| 7/6/21 13:30:28.000 | 4.993942 |
| 7/6/21 13:30:30.000 | 4.993784 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-07-06 13:10:55

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/6/21 13:10:55.000

7/6/21 13:10:57.000

7/6/21 13:10:59.000

7/6/21 13:11:01.000

7/6/21 13:11:03.000

7/6/21 13:11:05.000

7/6/21 13:11:07.000

7/6/21 13:11:09.000

7/6/21 13:11:11.000

7/6/21 13:11:13.000

7/6/21 13:11:15.000

7/6/21 13:11:17.000

7/6/21 13:11:19.000

7/6/21 13:11:21.000

7/6/21 13:11:23.000

7/6/21 13:11:25.000

7/6/21 13:11:27.000

7/6/21 13:11:29.000

7/6/21 13:11:31.000

7/6/21 13:11:33.000

7/6/21 13:11:35.000

7/6/21 13:11:37.000

7/6/21 13:11:39.000

7/6/21 13:11:41.000

RDO Concentration (mg/L) (734143)

5.306723

5.306203

5.302562

5.302274

5.301985

5.301696

5.303792

5.303816

5.303841

5.303866

5.303678

5.303706

5.303735

5.30524

5.305303

5.305366

5.305429

5.308553

5.308719

5.308885

5.309447

5.309527

5.309608

5.309688

| | |
|---------------------|----------|
| 7/6/21 13:11:43.000 | 5.306283 |
| 7/6/21 13:11:45.000 | 5.306137 |
| 7/6/21 13:11:47.000 | 5.305992 |
| 7/6/21 13:11:49.000 | 5.305846 |
| 7/6/21 13:11:51.000 | 5.305982 |
| 7/6/21 13:11:53.000 | 5.305921 |
| 7/6/21 13:11:55.000 | 5.30586 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-07-14 14:37:36

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/14/21 14:37:36.000
7/14/21 14:37:38.000
7/14/21 14:37:40.000
7/14/21 14:37:42.000
7/14/21 14:37:44.000
7/14/21 14:37:46.000
7/14/21 14:37:48.000
7/14/21 14:37:50.000
7/14/21 14:37:52.000
7/14/21 14:37:54.000
7/14/21 14:37:56.000
7/14/21 14:37:58.000
7/14/21 14:38:00.000
7/14/21 14:38:02.000
7/14/21 14:38:04.000
7/14/21 14:38:06.000
7/14/21 14:38:08.000
7/14/21 14:38:10.000
7/14/21 14:38:12.000
7/14/21 14:38:14.000
7/14/21 14:38:16.000
7/14/21 14:38:18.000
7/14/21 14:38:20.000
7/14/21 14:38:22.000

RDO Concentration (mg/L) (734143)

3.853982
3.853573
3.846351
3.845877
3.845403
3.841288
3.840959
3.840631
3.840302
3.835216
3.83491
3.834604
3.826005
3.825506
3.825007
3.824508
3.820049
3.81967
3.819292
3.818914
3.820121
3.820072
3.820023
3.819409

| | |
|----------------------|----------|
| 7/14/21 14:38:24.000 | 3.819395 |
| 7/14/21 14:38:26.000 | 3.819381 |
| 7/14/21 14:38:28.000 | 3.819368 |
| 7/14/21 14:38:30.000 | 3.820081 |
| 7/14/21 14:38:32.000 | 3.820101 |
| 7/14/21 14:38:34.000 | 3.820121 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-07-14 14:50:44

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/14/21 14:50:44.000
7/14/21 14:50:46.000
7/14/21 14:50:48.000
7/14/21 14:50:50.000
7/14/21 14:50:52.000
7/14/21 14:50:54.000
7/14/21 14:50:56.000
7/14/21 14:50:58.000
7/14/21 14:51:00.000
7/14/21 14:51:02.000
7/14/21 14:51:04.000
7/14/21 14:51:06.000
7/14/21 14:51:08.000
7/14/21 14:51:10.000
7/14/21 14:51:12.000
7/14/21 14:51:14.000
7/14/21 14:51:16.000
7/14/21 14:51:18.000
7/14/21 14:51:20.000
7/14/21 14:51:22.000
7/14/21 14:51:24.000
7/14/21 14:51:26.000
7/14/21 14:51:28.000
7/14/21 14:51:30.000

RDO Concentration (mg/L) (734143)

4.620484
4.620161
4.619837
4.619514
4.606251
4.605566
4.60488
4.606749
4.606581
4.606413
4.606245
4.603462
4.603361
4.603261
4.603159
4.596869
4.596537
4.596206
4.595472
4.595324
4.595176
4.595029
4.59519
4.59518

| | |
|----------------------|----------|
| 7/14/21 14:51:32.000 | 4.595171 |
| 7/14/21 14:51:34.000 | 4.58934 |
| 7/14/21 14:51:36.000 | 4.589072 |
| 7/14/21 14:51:38.000 | 4.588804 |
| 7/14/21 14:51:40.000 | 4.588536 |
| 7/14/21 14:51:42.000 | 4.586417 |
| 7/14/21 14:51:44.000 | 4.586209 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-07-14 14:25:31

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/14/21 14:25:31.000
7/14/21 14:25:33.000
7/14/21 14:25:35.000
7/14/21 14:25:37.000
7/14/21 14:25:39.000
7/14/21 14:25:41.000
7/14/21 14:25:43.000
7/14/21 14:25:45.000
7/14/21 14:25:47.000
7/14/21 14:25:49.000
7/14/21 14:25:51.000
7/14/21 14:25:53.000
7/14/21 14:25:55.000
7/14/21 14:25:57.000
7/14/21 14:25:59.000
7/14/21 14:26:01.000
7/14/21 14:26:03.000
7/14/21 14:26:05.000
7/14/21 14:26:07.000
7/14/21 14:26:09.000
7/14/21 14:26:11.000
7/14/21 14:26:13.000
7/14/21 14:26:15.000
7/14/21 14:26:17.000

RDO Concentration (mg/L) (734143)

5.380566
5.379815
5.376312
5.376001
5.37569
5.375379
5.367921
5.367513
5.367105
5.365403
5.365187
5.36497
5.364754
5.35411
5.353586
5.353062
5.350694
5.350379
5.350063
5.349748
5.344333
5.344037
5.343741
5.343445

| | |
|----------------------|----------|
| 7/14/21 14:26:19.000 | 5.341794 |
| 7/14/21 14:26:21.000 | 5.341611 |
| 7/14/21 14:26:23.000 | 5.34143 |
| 7/14/21 14:26:25.000 | 5.33376 |
| 7/14/21 14:26:27.000 | 5.333374 |
| 7/14/21 14:26:29.000 | 5.332988 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-07-23 13:04:32

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/23/21 13:04:32.000
7/23/21 13:04:34.000
7/23/21 13:04:36.000
7/23/21 13:04:38.000
7/23/21 13:04:40.000
7/23/21 13:04:42.000
7/23/21 13:04:44.000
7/23/21 13:04:46.000
7/23/21 13:04:48.000
7/23/21 13:04:50.000
7/23/21 13:04:52.000
7/23/21 13:04:54.000
7/23/21 13:04:56.000
7/23/21 13:04:58.000
7/23/21 13:05:00.000
7/23/21 13:05:02.000
7/23/21 13:05:04.000
7/23/21 13:05:06.000
7/23/21 13:05:08.000
7/23/21 13:05:10.000
7/23/21 13:05:12.000
7/23/21 13:05:14.000
7/23/21 13:05:16.000
7/23/21 13:05:18.000

RDO Concentration (mg/L) (734143)

3.637722
3.637444
3.637165
3.636887
3.624455
3.623853
3.623251
3.622648
3.619036
3.618638
3.618241
3.612796
3.61248
3.612165
3.611849
3.607871
3.607584
3.607297
3.607011
3.605038
3.604866
3.604694
3.596737
3.59635

| | |
|----------------------|----------|
| 7/23/21 13:05:20.000 | 3.595962 |
| 7/23/21 13:05:22.000 | 3.595574 |
| 7/23/21 13:05:24.000 | 3.590957 |
| 7/23/21 13:05:26.000 | 3.590606 |
| 7/23/21 13:05:28.000 | 3.590254 |
| 7/23/21 13:05:30.000 | 3.592381 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-07-23 13:15:19

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/23/21 13:15:19.000
7/23/21 13:15:21.000
7/23/21 13:15:23.000
7/23/21 13:15:25.000
7/23/21 13:15:27.000
7/23/21 13:15:29.000
7/23/21 13:15:31.000
7/23/21 13:15:33.000
7/23/21 13:15:35.000
7/23/21 13:15:37.000
7/23/21 13:15:39.000
7/23/21 13:15:41.000
7/23/21 13:15:43.000
7/23/21 13:15:45.000
7/23/21 13:15:47.000
7/23/21 13:15:49.000
7/23/21 13:15:51.000
7/23/21 13:15:53.000
7/23/21 13:15:55.000
7/23/21 13:15:57.000
7/23/21 13:15:59.000
7/23/21 13:16:01.000
7/23/21 13:16:03.000
7/23/21 13:16:05.000

RDO Concentration (mg/L) (734143)

4.710794
4.710237
4.70968
4.709123
4.703349
4.70291
4.702471
4.702033
4.69927
4.699028
4.698786
4.699211
4.699172
4.699132
4.699093
4.696477
4.696362
4.696248
4.696133
4.694082
4.693938
4.693793
4.697889
4.698023

| | |
|----------------------|----------|
| 7/23/21 13:16:07.000 | 4.698158 |
| 7/23/21 13:16:09.000 | 4.698292 |
| 7/23/21 13:16:11.000 | 4.695638 |
| 7/23/21 13:16:13.000 | 4.69559 |
| 7/23/21 13:16:15.000 | 4.695541 |
| 7/23/21 13:16:17.000 | 4.695493 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-07-23 12:53:26

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/23/21 12:53:26.000
7/23/21 12:53:28.000
7/23/21 12:53:30.000
7/23/21 12:53:32.000
7/23/21 12:53:34.000
7/23/21 12:53:36.000
7/23/21 12:53:38.000
7/23/21 12:53:40.000
7/23/21 12:53:42.000
7/23/21 12:53:44.000
7/23/21 12:53:46.000
7/23/21 12:53:48.000
7/23/21 12:53:50.000
7/23/21 12:53:52.000
7/23/21 12:53:54.000
7/23/21 12:53:56.000
7/23/21 12:53:58.000
7/23/21 12:54:00.000
7/23/21 12:54:02.000
7/23/21 12:54:04.000
7/23/21 12:54:06.000
7/23/21 12:54:08.000
7/23/21 12:54:10.000
7/23/21 12:54:12.000

RDO Concentration (mg/L) (734143)

5.594639
5.594262
5.580242
5.579499
5.578756
5.578013
5.570951
5.570357
5.569764
5.56917
5.564602
5.56425
5.563898
5.560164
5.559904
5.559643
5.559383
5.550479
5.550005
5.549532
5.549058
5.550661
5.550555
5.550449

| | |
|----------------------|----------|
| 7/23/21 12:54:14.000 | 5.546319 |
| 7/23/21 12:54:16.000 | 5.546149 |
| 7/23/21 12:54:18.000 | 5.545979 |
| 7/23/21 12:54:20.000 | 5.545808 |
| 7/23/21 12:54:22.000 | 5.54355 |
| 7/23/21 12:54:24.000 | 5.543363 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-07-30 15:58:12

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/30/21 15:58:12.000
7/30/21 15:58:14.000
7/30/21 15:58:16.000
7/30/21 15:58:18.000
7/30/21 15:58:20.000
7/30/21 15:58:22.000
7/30/21 15:58:24.000
7/30/21 15:58:26.000
7/30/21 15:58:28.000
7/30/21 15:58:30.000
7/30/21 15:58:32.000
7/30/21 15:58:34.000
7/30/21 15:58:36.000
7/30/21 15:58:38.000
7/30/21 15:58:40.000
7/30/21 15:58:42.000
7/30/21 15:58:44.000
7/30/21 15:58:46.000
7/30/21 15:58:48.000
7/30/21 15:58:50.000
7/30/21 15:58:52.000
7/30/21 15:58:54.000
7/30/21 15:58:56.000
7/30/21 15:58:58.000

RDO Concentration (mg/L) (734143)

3.572213
3.570025
3.569847
3.56967
3.569493
3.566188
3.565999
3.565809
3.56562
3.563688
3.56354
3.563392
3.562909
3.562852
3.562796
3.562739
3.563036
3.56304
3.563043
3.563046
3.559597
3.559446
3.559295
3.561547

| | |
|----------------------|----------|
| 7/30/21 15:59:00.000 | 3.56158 |
| 7/30/21 15:59:02.000 | 3.561614 |
| 7/30/21 15:59:04.000 | 3.561647 |
| 7/30/21 15:59:06.000 | 3.561184 |
| 7/30/21 15:59:08.000 | 3.561203 |
| 7/30/21 15:59:10.000 | 3.561221 |
| 7/30/21 15:59:12.000 | 3.557234 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-07-30 15:46:22

Time Offset = -04:00:00

Duration = 00:01:16

Readings = 39

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/30/21 15:46:22.000
7/30/21 15:46:24.000
7/30/21 15:46:26.000
7/30/21 15:46:28.000
7/30/21 15:46:30.000
7/30/21 15:46:32.000
7/30/21 15:46:34.000
7/30/21 15:46:36.000
7/30/21 15:46:38.000
7/30/21 15:46:40.000
7/30/21 15:46:42.000
7/30/21 15:46:44.000
7/30/21 15:46:46.000
7/30/21 15:46:48.000
7/30/21 15:46:50.000
7/30/21 15:46:52.000
7/30/21 15:46:54.000
7/30/21 15:46:56.000
7/30/21 15:46:58.000
7/30/21 15:47:00.000
7/30/21 15:47:02.000
7/30/21 15:47:04.000
7/30/21 15:47:06.000
7/30/21 15:47:08.000

RDO Concentration (mg/L) (734143)

4.511993
4.511676
4.51136
4.511043
4.511272
4.511176
4.511078
4.510982
4.507701
4.507556
4.507411
4.501556
4.501233
4.50091
4.500587
4.49654
4.496249
4.495959
4.495669
4.493042
4.492844
4.492646
4.492837
4.492794

| | |
|----------------------|----------|
| 7/30/21 15:47:10.000 | 4.492751 |
| 7/30/21 15:47:12.000 | 4.492707 |
| 7/30/21 15:47:14.000 | 4.489997 |
| 7/30/21 15:47:16.000 | 4.489874 |
| 7/30/21 15:47:18.000 | 4.489752 |
| 7/30/21 15:47:20.000 | 4.489629 |
| 7/30/21 15:47:22.000 | 4.491544 |
| 7/30/21 15:47:24.000 | 4.49157 |
| 7/30/21 15:47:26.000 | 4.491596 |
| 7/30/21 15:47:28.000 | 4.485564 |
| 7/30/21 15:47:30.000 | 4.485327 |
| 7/30/21 15:47:32.000 | 4.485089 |
| 7/30/21 15:47:34.000 | 4.484851 |
| 7/30/21 15:47:36.000 | 4.480248 |
| 7/30/21 15:47:38.000 | 4.479927 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-07-30 15:29:48

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

7/30/21 15:29:48.000
7/30/21 15:29:50.000
7/30/21 15:29:52.000
7/30/21 15:29:54.000
7/30/21 15:29:56.000
7/30/21 15:29:58.000
7/30/21 15:30:00.000
7/30/21 15:30:02.000
7/30/21 15:30:04.000
7/30/21 15:30:06.000
7/30/21 15:30:08.000
7/30/21 15:30:10.000
7/30/21 15:30:12.000
7/30/21 15:30:14.000
7/30/21 15:30:16.000
7/30/21 15:30:18.000
7/30/21 15:30:20.000
7/30/21 15:30:22.000
7/30/21 15:30:24.000
7/30/21 15:30:26.000
7/30/21 15:30:28.000
7/30/21 15:30:30.000
7/30/21 15:30:32.000
7/30/21 15:30:34.000

RDO Concentration (mg/L) (734143)

5.304388
5.304321
5.304255
5.304162
5.304179
5.304196
5.297118
5.296794
5.29647
5.296145
5.294419
5.294207
5.293994
5.294217
5.294195
5.294172
5.29415
5.290411
5.290251
5.290092
5.289932
5.289898
5.289828
5.289757

| | |
|----------------------|----------|
| 7/30/21 15:30:36.000 | 5.292822 |
| 7/30/21 15:30:38.000 | 5.292965 |
| 7/30/21 15:30:40.000 | 5.293108 |
| 7/30/21 15:30:42.000 | 5.293252 |
| 7/30/21 15:30:44.000 | 5.292343 |
| 7/30/21 15:30:46.000 | 5.292362 |
| 7/30/21 15:30:48.000 | 5.29238 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-08-04 12:50:16

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/4/21 12:50:16.000

8/4/21 12:50:18.000

8/4/21 12:50:20.000

8/4/21 12:50:22.000

8/4/21 12:50:24.000

8/4/21 12:50:26.000

8/4/21 12:50:28.000

8/4/21 12:50:30.000

8/4/21 12:50:32.000

8/4/21 12:50:34.000

8/4/21 12:50:36.000

8/4/21 12:50:38.000

8/4/21 12:50:40.000

8/4/21 12:50:42.000

8/4/21 12:50:44.000

8/4/21 12:50:46.000

8/4/21 12:50:48.000

8/4/21 12:50:50.000

8/4/21 12:50:52.000

8/4/21 12:50:54.000

8/4/21 12:50:56.000

8/4/21 12:50:58.000

8/4/21 12:51:00.000

8/4/21 12:51:02.000

RDO Concentration (mg/L) (734143)

4.664205

4.663659

4.663114

4.662568

4.668393

4.668446

4.668499

4.668552

4.670722

4.670919

4.671116

4.683052

4.683636

4.684221

4.684805

4.674566

4.674371

4.674176

4.67398

4.680468

4.680591

4.680714

4.671707

4.671412

| | |
|---------------------|----------|
| 8/4/21 12:51:04.000 | 4.671115 |
| 8/4/21 12:51:06.000 | 4.67082 |
| 8/4/21 12:51:08.000 | 4.669587 |
| 8/4/21 12:51:10.000 | 4.669352 |
| 8/4/21 12:51:12.000 | 4.669117 |
| 8/4/21 12:51:14.000 | 4.668882 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-08-04 12:37:10

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/4/21 12:37:10.000

8/4/21 12:37:12.000

8/4/21 12:37:14.000

8/4/21 12:37:16.000

8/4/21 12:37:18.000

8/4/21 12:37:20.000

8/4/21 12:37:22.000

8/4/21 12:37:24.000

8/4/21 12:37:26.000

8/4/21 12:37:28.000

8/4/21 12:37:30.000

8/4/21 12:37:32.000

8/4/21 12:37:34.000

8/4/21 12:37:36.000

8/4/21 12:37:38.000

8/4/21 12:37:40.000

8/4/21 12:37:42.000

8/4/21 12:37:44.000

8/4/21 12:37:46.000

8/4/21 12:37:48.000

8/4/21 12:37:50.000

8/4/21 12:37:52.000

8/4/21 12:37:54.000

8/4/21 12:37:56.000

RDO Concentration (mg/L) (734143)

4.066952

4.066219

4.065486

4.064753

4.053259

4.052547

4.051835

4.044862

4.044322

4.043781

4.043241

4.040276

4.04

4.039725

4.03945

4.029969

4.029483

4.028997

4.021003

4.020474

4.019946

4.019417

4.018563

4.018378

| | |
|---------------------|----------|
| 8/4/21 12:37:58.000 | 4.018193 |
| 8/4/21 12:38:00.000 | 4.018009 |
| 8/4/21 12:38:02.000 | 4.011707 |
| 8/4/21 12:38:04.000 | 4.011403 |
| 8/4/21 12:38:06.000 | 4.011098 |
| 8/4/21 12:38:08.000 | 4.010563 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-08-04 12:17:29

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/4/21 12:17:29.000

8/4/21 12:17:31.000

8/4/21 12:17:33.000

8/4/21 12:17:35.000

8/4/21 12:17:37.000

8/4/21 12:17:39.000

8/4/21 12:17:41.000

8/4/21 12:17:43.000

8/4/21 12:17:45.000

8/4/21 12:17:47.000

8/4/21 12:17:49.000

8/4/21 12:17:51.000

8/4/21 12:17:53.000

8/4/21 12:17:55.000

8/4/21 12:17:57.000

8/4/21 12:17:59.000

8/4/21 12:18:01.000

8/4/21 12:18:03.000

8/4/21 12:18:05.000

8/4/21 12:18:07.000

8/4/21 12:18:09.000

8/4/21 12:18:11.000

8/4/21 12:18:13.000

8/4/21 12:18:15.000

RDO Concentration (mg/L) (734143)

5.265662

5.265105

5.261436

5.261173

5.260909

5.260645

5.258897

5.25874

5.258584

5.260244

5.26028

5.260316

5.260352

5.256212

5.25605

5.255887

5.255724

5.259243

5.259319

5.259396

5.263288

5.263527

5.263768

5.264008

| | |
|---------------------|----------|
| 8/4/21 12:18:17.000 | 5.260499 |
| 8/4/21 12:18:19.000 | 5.260422 |
| 8/4/21 12:18:21.000 | 5.260345 |
| 8/4/21 12:18:23.000 | 5.260268 |
| 8/4/21 12:18:25.000 | 5.265896 |
| 8/4/21 12:18:27.000 | 5.266084 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-08-12 12:57:08

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/12/21 12:57:08.000
8/12/21 12:57:10.000
8/12/21 12:57:12.000
8/12/21 12:57:14.000
8/12/21 12:57:16.000
8/12/21 12:57:18.000
8/12/21 12:57:20.000
8/12/21 12:57:22.000
8/12/21 12:57:24.000
8/12/21 12:57:26.000
8/12/21 12:57:28.000
8/12/21 12:57:30.000
8/12/21 12:57:32.000
8/12/21 12:57:34.000
8/12/21 12:57:36.000
8/12/21 12:57:38.000
8/12/21 12:57:40.000
8/12/21 12:57:42.000
8/12/21 12:57:44.000
8/12/21 12:57:46.000
8/12/21 12:57:48.000
8/12/21 12:57:50.000
8/12/21 12:57:52.000
8/12/21 12:57:54.000

RDO Concentration (mg/L) (734143)

3.196771
3.196475
3.196179
3.192033
3.191747
3.191462
3.191176
3.184994
3.18463
3.184265
3.183901
3.181303
3.181058
3.180813
3.179159
3.179031
3.178903
3.173598
3.17331
3.173021
3.172733
3.171056
3.170869
3.170681

| | |
|----------------------|----------|
| 8/12/21 12:57:56.000 | 3.170494 |
| 8/12/21 12:57:58.000 | 3.167614 |
| 8/12/21 12:58:00.000 | 3.167446 |
| 8/12/21 12:58:02.000 | 3.167278 |
| 8/12/21 12:58:04.000 | 3.166275 |
| 8/12/21 12:58:06.000 | 3.166173 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-08-12 12:45:41

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/12/21 12:45:41.000
8/12/21 12:45:43.000
8/12/21 12:45:45.000
8/12/21 12:45:47.000
8/12/21 12:45:49.000
8/12/21 12:45:51.000
8/12/21 12:45:53.000
8/12/21 12:45:55.000
8/12/21 12:45:57.000
8/12/21 12:45:59.000
8/12/21 12:46:01.000
8/12/21 12:46:03.000
8/12/21 12:46:05.000
8/12/21 12:46:07.000
8/12/21 12:46:09.000
8/12/21 12:46:11.000
8/12/21 12:46:13.000
8/12/21 12:46:15.000
8/12/21 12:46:17.000
8/12/21 12:46:19.000
8/12/21 12:46:21.000
8/12/21 12:46:23.000
8/12/21 12:46:25.000
8/12/21 12:46:27.000

RDO Concentration (mg/L) (734143)

4.209238
4.208056
4.198011
4.197299
4.196588
4.182787
4.181977
4.181168
4.180357
4.17433
4.173797
4.173264
4.169456
4.16917
4.168883
4.168596
4.169179
4.169132
4.169085
4.169038
4.168812
4.168811
4.16881
4.160902

| | |
|----------------------|----------|
| 8/12/21 12:46:29.000 | 4.160524 |
| 8/12/21 12:46:31.000 | 4.160148 |
| 8/12/21 12:46:33.000 | 4.159771 |
| 8/12/21 12:46:35.000 | 4.16025 |
| 8/12/21 12:46:37.000 | 4.16011 |
| 8/12/21 12:46:39.000 | 4.15997 |
| 8/12/21 12:46:41.000 | 4.162531 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-08-12 12:28:41

Time Offset = -04:00:00

Duration = 00:01:00

Readings = 31

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/12/21 12:28:41.000
8/12/21 12:28:43.000
8/12/21 12:28:45.000
8/12/21 12:28:47.000
8/12/21 12:28:49.000
8/12/21 12:28:51.000
8/12/21 12:28:53.000
8/12/21 12:28:55.000
8/12/21 12:28:57.000
8/12/21 12:28:59.000
8/12/21 12:29:01.000
8/12/21 12:29:03.000
8/12/21 12:29:05.000
8/12/21 12:29:07.000
8/12/21 12:29:09.000
8/12/21 12:29:11.000
8/12/21 12:29:13.000
8/12/21 12:29:15.000
8/12/21 12:29:17.000
8/12/21 12:29:19.000
8/12/21 12:29:21.000
8/12/21 12:29:23.000
8/12/21 12:29:25.000
8/12/21 12:29:27.000

RDO Concentration (mg/L) (734143)

5.12123
5.121297
5.121363
5.12143
5.130357
5.130786
5.131216
5.131645
5.12439
5.124262
5.124134
5.128495
5.128582
5.12867
5.128757
5.125695
5.125642
5.125588
5.125535
5.126139
5.126106
5.126073
5.130451
5.13066

| | |
|----------------------|----------|
| 8/12/21 12:29:29.000 | 5.130867 |
| 8/12/21 12:29:31.000 | 5.131076 |
| 8/12/21 12:29:33.000 | 5.131217 |
| 8/12/21 12:29:35.000 | 5.131306 |
| 8/12/21 12:29:37.000 | 5.131395 |
| 8/12/21 12:29:39.000 | 5.131483 |
| 8/12/21 12:29:41.000 | 5.139201 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-08-17 12:35:37

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/17/21 12:35:37.000
8/17/21 12:35:39.000
8/17/21 12:35:41.000
8/17/21 12:35:43.000
8/17/21 12:35:45.000
8/17/21 12:35:47.000
8/17/21 12:35:49.000
8/17/21 12:35:51.000
8/17/21 12:35:53.000
8/17/21 12:35:55.000
8/17/21 12:35:57.000
8/17/21 12:35:59.000
8/17/21 12:36:01.000
8/17/21 12:36:03.000
8/17/21 12:36:05.000
8/17/21 12:36:07.000
8/17/21 12:36:09.000
8/17/21 12:36:11.000
8/17/21 12:36:13.000
8/17/21 12:36:15.000
8/17/21 12:36:17.000
8/17/21 12:36:19.000
8/17/21 12:36:21.000
8/17/21 12:36:23.000

RDO Concentration (mg/L) (734143)

3.499251
3.49873
3.498209
3.497689
3.49374
3.493426
3.493113
3.491026
3.490852
3.490677
3.490502
3.486616
3.486405
3.486194
3.479696
3.479326
3.478956
3.478586
3.475857
3.475607
3.475357
3.475106
3.470671
3.470415

| | |
|----------------------|----------|
| 8/17/21 12:36:25.000 | 3.47016 |
| 8/17/21 12:36:27.000 | 3.46937 |
| 8/17/21 12:36:29.000 | 3.46925 |
| 8/17/21 12:36:31.000 | 3.46913 |
| 8/17/21 12:36:33.000 | 3.46901 |
| 8/17/21 12:36:35.000 | 3.467846 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-08-17 12:47:59

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/17/21 12:47:59.000
8/17/21 12:48:01.000
8/17/21 12:48:03.000
8/17/21 12:48:05.000
8/17/21 12:48:07.000
8/17/21 12:48:09.000
8/17/21 12:48:11.000
8/17/21 12:48:13.000
8/17/21 12:48:15.000
8/17/21 12:48:17.000
8/17/21 12:48:19.000
8/17/21 12:48:21.000
8/17/21 12:48:23.000
8/17/21 12:48:25.000
8/17/21 12:48:27.000
8/17/21 12:48:29.000
8/17/21 12:48:31.000
8/17/21 12:48:33.000
8/17/21 12:48:35.000
8/17/21 12:48:37.000
8/17/21 12:48:39.000
8/17/21 12:48:41.000
8/17/21 12:48:43.000
8/17/21 12:48:45.000

RDO Concentration (mg/L) (734143)

4.620168
4.619597
4.619026
4.610441
4.60989
4.609338
4.598476
4.597836
4.597194
4.596553
4.588295
4.587718
4.587142
4.58333
4.582998
4.582666
4.582335
4.576592
4.576255
4.575919
4.575583
4.572032
4.571762
4.571491

| | |
|----------------------|----------|
| 8/17/21 12:48:47.000 | 4.572957 |
| 8/17/21 12:48:49.000 | 4.572958 |
| 8/17/21 12:48:51.000 | 4.572959 |
| 8/17/21 12:48:53.000 | 4.57296 |
| 8/17/21 12:48:55.000 | 4.575426 |
| 8/17/21 12:48:57.000 | 4.575563 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-08-17 12:24:57

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/17/21 12:24:57.000
8/17/21 12:24:59.000
8/17/21 12:25:01.000
8/17/21 12:25:03.000
8/17/21 12:25:05.000
8/17/21 12:25:07.000
8/17/21 12:25:09.000
8/17/21 12:25:11.000
8/17/21 12:25:13.000
8/17/21 12:25:15.000
8/17/21 12:25:17.000
8/17/21 12:25:19.000
8/17/21 12:25:21.000
8/17/21 12:25:23.000
8/17/21 12:25:25.000
8/17/21 12:25:27.000
8/17/21 12:25:29.000
8/17/21 12:25:31.000
8/17/21 12:25:33.000
8/17/21 12:25:35.000
8/17/21 12:25:37.000
8/17/21 12:25:39.000
8/17/21 12:25:41.000
8/17/21 12:25:43.000

RDO Concentration (mg/L) (734143)

5.521163
5.518376
5.51559
5.507179
5.506194
5.505209
5.504224
5.489272
5.488415
5.487557
5.479147
5.478473
5.477798
5.477125
5.483724
5.483857
5.48399
5.484123
5.479018
5.478918
5.478817
5.47975
5.479701
5.479651

| | |
|----------------------|----------|
| 8/17/21 12:25:45.000 | 5.479602 |
| 8/17/21 12:25:47.000 | 5.479844 |
| 8/17/21 12:25:49.000 | 5.479872 |
| 8/17/21 12:25:51.000 | 5.4799 |
| 8/17/21 12:25:53.000 | 5.479928 |
| 8/17/21 12:25:55.000 | 5.477669 |

Location Properties

Location Name = CC1

Location ID = 8532cb57-e3e3-4654-9cb2-1cc8bdf2f7da

Latitude = 31.0256333510138 °

Longitude = -83.2240855693817 °

Report Properties

Start Time = 2021-08-25 13:37:56

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/25/21 13:37:56.000
8/25/21 13:37:58.000
8/25/21 13:38:00.000
8/25/21 13:38:02.000
8/25/21 13:38:04.000
8/25/21 13:38:06.000
8/25/21 13:38:08.000
8/25/21 13:38:10.000
8/25/21 13:38:12.000
8/25/21 13:38:14.000
8/25/21 13:38:16.000
8/25/21 13:38:18.000
8/25/21 13:38:20.000
8/25/21 13:38:22.000
8/25/21 13:38:24.000
8/25/21 13:38:26.000
8/25/21 13:38:28.000
8/25/21 13:38:30.000
8/25/21 13:38:32.000
8/25/21 13:38:34.000
8/25/21 13:38:36.000
8/25/21 13:38:38.000
8/25/21 13:38:40.000
8/25/21 13:38:42.000

RDO Concentration (mg/L) (734143)

3.598493
3.597657
3.59303
3.592595
3.59216
3.591724
3.58524
3.584853
3.584465
3.581445
3.581184
3.580924
3.580663
3.582307
3.582319
3.582332
3.582345
3.575902
3.575645
3.575388
3.572345
3.572093
3.571842
3.57159

| | |
|----------------------|----------|
| 8/25/21 13:38:44.000 | 3.571563 |
| 8/25/21 13:38:46.000 | 3.571508 |
| 8/25/21 13:38:48.000 | 3.571453 |
| 8/25/21 13:38:50.000 | 3.570013 |
| 8/25/21 13:38:52.000 | 3.569946 |
| 8/25/21 13:38:54.000 | 3.569878 |

Location Properties

Location Name = CC2

Location ID = bd9ff499-e8e3-4c82-b9b8-4f786b920453

Latitude = 31.0201915356845 °

Longitude = -83.22983186692 °

Report Properties

Start Time = 2021-08-25 13:54:06

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

Date Time

8/25/21 13:54:06.000
8/25/21 13:54:08.000
8/25/21 13:54:10.000
8/25/21 13:54:12.000
8/25/21 13:54:14.000
8/25/21 13:54:16.000
8/25/21 13:54:18.000
8/25/21 13:54:20.000
8/25/21 13:54:22.000
8/25/21 13:54:24.000
8/25/21 13:54:26.000
8/25/21 13:54:28.000
8/25/21 13:54:30.000
8/25/21 13:54:32.000
8/25/21 13:54:34.000
8/25/21 13:54:36.000
8/25/21 13:54:38.000
8/25/21 13:54:40.000
8/25/21 13:54:42.000
8/25/21 13:54:44.000
8/25/21 13:54:46.000
8/25/21 13:54:48.000
8/25/21 13:54:50.000
8/25/21 13:54:52.000

RDO Concentration (mg/L) (734143)

4.790272
4.789907
4.784822
4.784516
4.78421
4.783904
4.77399
4.773438
4.772887
4.771003
4.770724
4.770445
4.770166
4.770874
4.770859
4.770844
4.766708
4.766529
4.76635
4.766172
4.763307
4.7631
4.762892
4.762684

| | |
|----------------------|----------|
| 8/25/21 13:54:54.000 | 4.764213 |
| 8/25/21 13:54:56.000 | 4.764222 |
| 8/25/21 13:54:58.000 | 4.764232 |
| 8/25/21 13:55:00.000 | 4.762824 |
| 8/25/21 13:55:02.000 | 4.762781 |
| 8/25/21 13:55:04.000 | 4.762739 |

Location Properties

Location Name = CC3

Location ID = 02e18ce5-130f-4c02-8fa1-e5045908bc14

Latitude = 30.9901809804007 °

Longitude = -83.2449669018388 °

Report Properties

Start Time = 2021-08-25 13:10:39

Time Offset = -04:00:00

Duration = 00:00:58

Readings = 30

Instrument Properties

Device Model = Aqua TROLL 400

Device SN = 734322

Instrument Properties

Device Model = PowerPack

Device SN = 730134

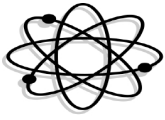
Date Time

8/25/21 13:10:39.000
8/25/21 13:10:41.000
8/25/21 13:10:43.000
8/25/21 13:10:45.000
8/25/21 13:10:47.000
8/25/21 13:10:49.000
8/25/21 13:10:51.000
8/25/21 13:10:53.000
8/25/21 13:10:55.000
8/25/21 13:10:57.000
8/25/21 13:10:59.000
8/25/21 13:11:01.000
8/25/21 13:11:03.000
8/25/21 13:11:05.000
8/25/21 13:11:07.000
8/25/21 13:11:09.000
8/25/21 13:11:11.000
8/25/21 13:11:13.000
8/25/21 13:11:15.000
8/25/21 13:11:17.000
8/25/21 13:11:19.000
8/25/21 13:11:21.000
8/25/21 13:11:23.000
8/25/21 13:11:25.000

RDO Concentration (mg/L) (734143)

5.381413
5.381018
5.373911
5.373559
5.373206
5.372853
5.362605
5.362005
5.361405
5.360805
5.368477
5.368607
5.368736
5.372235
5.372525
5.372815
5.373106
5.371336
5.371323
5.371309
5.371294
5.37523
5.375378
5.375526

| | |
|----------------------|----------|
| 8/25/21 13:11:27.000 | 5.381254 |
| 8/25/21 13:11:29.000 | 5.381588 |
| 8/25/21 13:11:31.000 | 5.38192 |
| 8/25/21 13:11:33.000 | 5.382253 |
| 8/25/21 13:11:35.000 | 5.387444 |
| 8/25/21 13:11:37.000 | 5.38778 |



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 4, 2021
Mar 17, 2021; Invoice: 464093

Report Summary

Date Received: Mar 4, 2021

FCL Project Manager: William J. Rogers

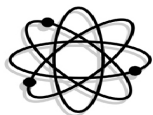
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------------------------------|-------------------|-----------------------------------|---------------|
| 464093SW1 | WR 2 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 464093SW2 | WR 1 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 464093SW3 | FCO | COLILERT-18 | DTB | North Lab | Surface Water |
| 464093SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464093SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464093SW6 | WR 3 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 464093SW7 | WR 4 | COLILERT-18 EPA245.1 EPA6020B | DTB PCW EVB | North Lab Main Lab Main Lab | Surface Water |
| 464093SW8 | WR 5 | COLILERT-18 EPA245.1 EPA6020B | DTB PCW EVB | North Lab Main Lab Main Lab | Surface Water |
| 464093SW9 | WR 6 | EPA245.1 | PCW | Main Lab | Surface Water |
| 464093SW10 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464093SW11 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464093SW12 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464093SW13 | WR 7 | EPA245.1 | PCW | Main Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



FLOWERS CHEMICAL LABORATORIES INC.

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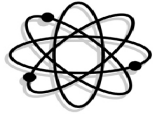
Phone: 407-339-5984 E83018 (Main Lab)
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 4, 2021
Mar 17, 2021; Invoice: 464093

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|-----------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 464093SW1 | 03/04/21 07:40 AM | WR 2 | Fecal Coliform | 1660 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| | | | Mercury | 1.07 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |
| 464093SW2 | 03/04/21 08:02 AM | WR 1 | Fecal Coliform | 2400 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| | | | Mercury | 1.04 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |
| 464093SW3 | 03/04/21 08:15 AM | FCO | Fecal Coliform | 703 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| 464093SW4 | 03/04/21 08:27 AM | FC 1 | Fecal Coliform | 984 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| 464093SW5 | 03/04/21 08:42 AM | FC 2 | Fecal Coliform | 3080 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| 464093SW6 | 03/04/21 09:03 AM | WR 3 | Fecal Coliform | 1350 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| | | | Mercury | 1.05 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |
| 464093SW7 | 03/04/21 09:24 AM | WR 4 | | | | | | | | | | |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 4, 2021
Mar 17, 2021; Invoice: 464093

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|-----------|-----------|------|-----------|-----------|----------|-------------|-----------|-------------------|
| 464093SW7 | 03/04/21 09:24 AM | WR 4 | Fecal Coliform | 581 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| | | | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10458840 | EPA6020B | 7439-92-1 | 03/08/21 |
| | | | Mercury | 1.11 E-05 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|-----------|-----------|------|-----------|-----------|----------|-------------|-----------|-------------------|
| 464093SW8 | 03/04/21 09:50 AM | WR 5 | Fecal Coliform | 504 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |
| | | | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10458840 | EPA6020B | 7439-92-1 | 03/08/21 |
| | | | Mercury | 8.50 E-06 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |

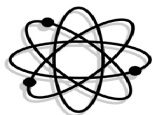
| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|-----------|-----------|-------|------|-----------|-----------|----------|----------|-----------|----------|
| 464093SW9 | 03/04/21 10:15 AM | WR 6 | Mercury | 8.60 E-06 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 464093SW10 | 03/04/21 10:30 AM | WRT 1 | Fecal Coliform | 156 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 464093SW11 | 03/04/21 10:40 AM | WRT 2 | Fecal Coliform | 529 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 464093SW12 | 03/04/21 11:02 AM | JG 2 | Fecal Coliform | 144 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458642 | COLILERT-18 | E761792 | 03/04/21 01:00 PM |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|-----------|-----------|-------|------|-----------|-----------|----------|----------|-----------|----------|
| 464093SW13 | 03/04/21 11:15 AM | WR 7 | Mercury | 8.50 E-06 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10459264 | EPA245.1 | 7439-97-6 | 03/11/21 |



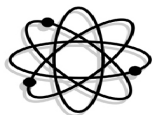
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 4, 2021
Mar 17, 2021; Invoice: 464093



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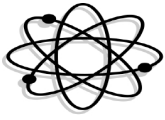
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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 4, 2021
Mar 17, 2021; Invoice: 464093

Quality Report

| Quality Control Batch: 10458840 | | Analyst: EVB | | | | | | |
|----------------------------------|---------------|--------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Blank | Result | Units | | | | | | |
| Lead | 0.00100U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Lead | 0.0923 | mg/L | 0.100 | 92.30 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Lead | 0.0942 | mg/L | 0.100 | 92.40 | 75.00-125.00 | 0.00180 | 464218GW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Lead | 0.0973 | mg/L | 0.100 | 95.50 | 75.00-125.00 | 0.00180 | 3.24 | 20.00 |
| Quality Control Batch: 10459264 | | Analyst: PCW | | | | | | |
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000190 | mg/L | 0.0000200 | 95.00 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000473 | mg/L | 0.0000500 | 101.40 | 80.00-120.00 | -0.00000340 | 464218GW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000480 | mg/L | 0.0000500 | 102.80 | 80.00-120.00 | -0.00000340 | 1.47 | 20.00 |



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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 4, 2021
Mar 17, 2021; Invoice: 464093

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

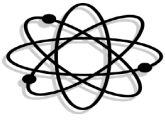
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: WEEKEND FEE
Client Project #: LCI
Date Sampled: Mar 5, 2021
Mar 12, 2021; Invoice: 464209

Report Summary

Date Received: Mar 5, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 464209SW1 | AR 1 | EPA245.1 | PCW | Main Lab | Surface Water |
| 464209SW2 | AR 2 | EPA245.1 | PCW | Main Lab | Surface Water |
| 464209SW3 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464209SW4 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: WEEKEND FEE
Client Project #: LCI
Date Sampled: Mar 5, 2021
Mar 12, 2021; Invoice: 464209

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|-----------|-----------|------|-----------|-----------|----------|-------------|-----------|-------------------|
| 464209SW1 | 03/05/21 09:30 AM | AR 1 | Mercury | 1.00 E-05 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10459212 | EPA245.1 | 7439-97-6 | 03/11/21 |
| 464209SW2 | 03/05/21 09:55 AM | AR 2 | Mercury | 9.30 E-06 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10459212 | EPA245.1 | 7439-97-6 | 03/11/21 |
| 464209SW3 | 03/05/21 10:27 AM | MC 2 | Fecal Coliform | 309 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458715 | COLILERT-18 | E761792 | 03/05/21 12:30 PM |
| 464209SW4 | 03/05/21 10:40 AM | MC 1 | Fecal Coliform | 393 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10458715 | COLILERT-18 | E761792 | 03/05/21 12:30 PM |



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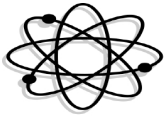
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PO #: WEEKEND FEE
Client Project #: LCI
Date Sampled: Mar 5, 2021
Mar 12, 2021; Invoice: 464209

Quality Report

| Quality Control Batch: 10459212 | | Analyst: PCW | | | | | | | |
|----------------------------------|--|---------------|--------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Blank | | Result | Units | | | | | | |
| Mercury | | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | | 0.0000190 | mg/L | 0.0000200 | 95.00 | 80.00-120.00 | | | |
| Matrix Spike | | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | | 0.0000473 | mg/L | 0.0000500 | 101.40 | 80.00-120.00 | -0.00000340 | 464128GW1 | |
| Matrix Spike Duplicate | | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | | 0.0000480 | mg/L | 0.0000500 | 102.80 | 80.00-120.00 | -0.00000340 | 1.47 | 20.00 |



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Client Project #: LCI
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Mar 12, 2021; Invoice: 464209

Narrative Report

Sample Handling

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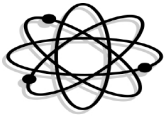
Quality Control

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Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 10, 2021
Mar 11, 2021; Invoice: 464629

Invoice

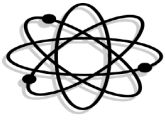
| Description | Amount | Units | Extension |
|-------------|--------|-------|-----------|
| FCol-QT | 20.00 | 8 | 160.00 |
| TOTAL | | | 160.00 |

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PO #: n/a
Client Project #: LCI
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Mar 11, 2021; Invoice: 464629

Report Summary

Date Received: Mar 10, 2021

FCL Project Manager: William J. Rogers

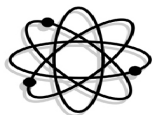
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 464629SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW3 | FCO | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464629SW8 | WR5 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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Lovell Engineering Associates
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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 10, 2021
Mar 11, 2021; Invoice: 464629

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 464629SW1 | 03/10/21 08:14 AM | WR 2 | Fecal Coliform | 121 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |
| 464629SW2 | 03/10/21 08:41 AM | WR 1 | Fecal Coliform | 119 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |
| 464629SW3 | 03/10/21 09:33 AM | FCO | Fecal Coliform | 63.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |
| 464629SW4 | 03/10/21 09:45 AM | FC 1 | Fecal Coliform | 109 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |
| 464629SW5 | 03/10/21 10:03 AM | FC 2 | Fecal Coliform | 364 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |
| 464629SW6 | 03/10/21 10:17 AM | WR 3 | Fecal Coliform | 63.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |
| 464629SW7 | 03/10/21 10:51 AM | WR 4 | Fecal Coliform | 107 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |



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| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 464629SW8 | 03/10/21 12:06 PM | WR5 | Fecal Coliform | 61.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459087 | COLILERT-18 | E761792 | 03/10/21 02:30 PM |



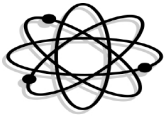
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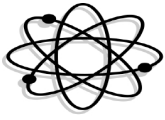
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: n/a
Date Sampled: Mar 11, 2021
Mar 15, 2021; Invoice: 464775

Report Summary

Date Received: Mar 11, 2021

FCL Project Manager: William J. Rogers

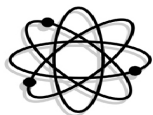
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 464775SW1 | MC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464775SW2 | MC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464775SW3 | JG2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464775SW4 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 464775SW5 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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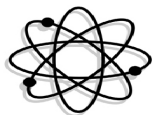
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Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 464775SW1 | 03/11/21 08:47 AM | MC1 | Fecal Coliform | 288 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459315 | COLILERT-18 | E761792 | 03/11/21 12:00 PM |
| 464775SW2 | 03/11/21 09:05 AM | MC2 | Fecal Coliform | 122 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459315 | COLILERT-18 | E761792 | 03/11/21 12:00 PM |
| 464775SW3 | 03/11/21 09:34 AM | JG2 | Fecal Coliform | 63.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459315 | COLILERT-18 | E761792 | 03/11/21 12:00 PM |
| 464775SW4 | 03/11/21 09:57 AM | WRT 1 | Fecal Coliform | 86.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459315 | COLILERT-18 | E761792 | 03/11/21 12:00 PM |
| 464775SW5 | 03/11/21 10:13 AM | WRT 2 | Fecal Coliform | 1100 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459315 | COLILERT-18 | E761792 | 03/11/21 12:00 PM |



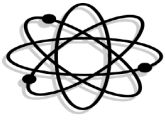
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Narrative Report

Sample Handling

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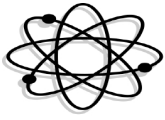
Quality Control

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Attachments

Chain of Custody

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| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 17, 2021
Mar 18, 2021; Invoice: 465275

Report Summary

Date Received: Mar 17, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 465275SW1 | WR2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW2 | WR1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW3 | FC0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW4 | FC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW5 | FC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW6 | WR3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW7 | WR4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465275SW8 | WR5 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 17, 2021
Mar 18, 2021; Invoice: 465275

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 465275SW1 | 03/17/21 08:30 AM | WR2 | Fecal Coliform | 52.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |
| 465275SW2 | 03/17/21 08:50 AM | WR1 | Fecal Coliform | 52.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |
| 465275SW3 | 03/17/21 09:01 AM | FC0 | Fecal Coliform | 160 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |
| 465275SW4 | 03/17/21 09:17 AM | FC1 | Fecal Coliform | 214 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |
| 465275SW5 | 03/17/21 09:22 AM | FC2 | Fecal Coliform | 238 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |
| 465275SW6 | 03/17/21 09:32 AM | WR3 | Fecal Coliform | 52.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |
| 465275SW7 | 03/17/21 09:50 AM | WR4 | Fecal Coliform | 84.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |



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Mar 18, 2021; Invoice: 465275

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|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 465275SW8 | 03/17/21 10:20 AM | WR5 | Fecal Coliform | 63.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459761 | COLILERT-18 | E761792 | 03/17/21 12:00 PM |



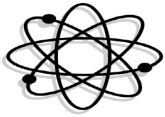
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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 17, 2021
Mar 18, 2021; Invoice: 465275

Narrative Report

Sample Handling

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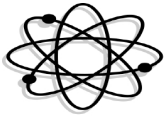
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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 18, 2021
Mar 19, 2021; Invoice: 465422

Report Summary

Date Received: Mar 18, 2021

FCL Project Manager: William J. Rogers

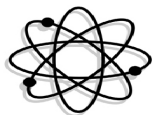
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 465422SW1 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465422SW2 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465422SW3 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465422SW4 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465422SW5 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

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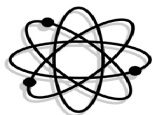
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PO #: n/a
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Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 465422SW1 | 03/18/21 08:28 AM | MC 2 | Fecal Coliform | 52.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459808 | COLILERT-18 | E761792 | 03/18/21 11:30 AM |
| 465422SW2 | 03/18/21 08:39 AM | MC 1 | Fecal Coliform | 96.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459808 | COLILERT-18 | E761792 | 03/18/21 11:30 AM |
| 465422SW3 | 03/18/21 09:38 AM | JG 2 | Fecal Coliform | 52.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459808 | COLILERT-18 | E761792 | 03/18/21 11:30 AM |
| 465422SW4 | 03/18/21 09:10 AM | WRT 1 | Fecal Coliform | 323 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459808 | COLILERT-18 | E761792 | 03/18/21 11:30 AM |
| 465422SW5 | 03/18/21 09:24 AM | WRT 2 | Fecal Coliform | 199 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10459808 | COLILERT-18 | E761792 | 03/18/21 11:30 AM |



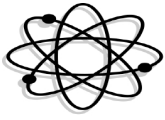
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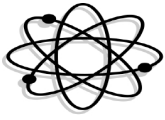
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Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 23, 2021
Mar 24, 2021; Invoice: 465753

Report Summary

Date Received: Mar 23, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 465753SW1 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465753SW2 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465753SW3 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465753SW4 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465753SW5 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 23, 2021
Mar 24, 2021; Invoice: 465753

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 465753SW1 | 03/23/21 08:47 AM | MC 2 | Fecal Coliform | 211 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460189 | COLILERT-18 | E761792 | 03/23/21 11:30 AM |
| 465753SW2 | 03/23/21 08:58 AM | MC 1 | Fecal Coliform | 281 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460189 | COLILERT-18 | E761792 | 03/23/21 11:30 AM |
| 465753SW3 | 03/23/21 09:30 AM | WRT 1 | Fecal Coliform | 272 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460189 | COLILERT-18 | E761792 | 03/23/21 11:30 AM |
| 465753SW4 | 03/23/21 09:41 AM | WRT 2 | Fecal Coliform | 134 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460189 | COLILERT-18 | E761792 | 03/23/21 11:30 AM |
| 465753SW5 | 03/23/21 09:59 AM | JG 2 | Fecal Coliform | 97.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460189 | COLILERT-18 | E761792 | 03/23/21 11:30 AM |



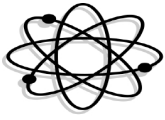
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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 23, 2021
Mar 24, 2021; Invoice: 465753

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

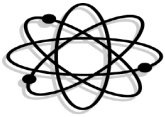
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 24, 2021
Mar 25, 2021; Invoice: 465901

Report Summary

Date Received: Mar 24, 2021

FCL Project Manager: William J. Rogers

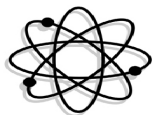
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 465901SW1 | WR2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW2 | WR1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW3 | FC0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW4 | FC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW5 | FC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW6 | WR3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW7 | WR4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 465901SW8 | WR5 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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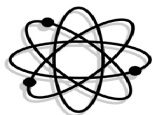
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Mar 24, 2021
Mar 25, 2021; Invoice: 465901

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 465901SW1 | 03/24/21 09:00 AM | WR2 | Fecal Coliform | 122 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |
| 465901SW2 | 03/24/21 09:16 AM | WR1 | Fecal Coliform | 98.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |
| 465901SW3 | 03/24/21 09:29 AM | FC0 | Fecal Coliform | 181 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |
| 465901SW4 | 03/24/21 09:37 AM | FC1 | Fecal Coliform | 146 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |
| 465901SW5 | 03/24/21 09:49 AM | FC2 | Fecal Coliform | 383 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |
| 465901SW6 | 03/24/21 09:58 AM | WR3 | Fecal Coliform | 142 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |
| 465901SW7 | 03/24/21 10:13 AM | WR4 | Fecal Coliform | 148 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |



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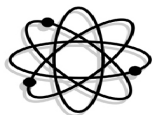
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PO #: n/a
Client Project #: LCI
Date Sampled: Mar 24, 2021
Mar 25, 2021; Invoice: 465901

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 465901SW8 | 03/24/21 10:35 AM | WR5 | Fecal Coliform | 383 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10460295 | COLILERT-18 | E761792 | 03/24/21 12:00 PM |



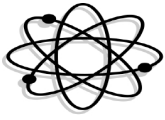
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Client Project #: LCI
Date Sampled: Mar 24, 2021
Mar 25, 2021; Invoice: 465901

Narrative Report

Sample Handling

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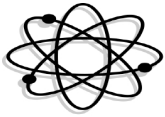
Quality Control

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Attachments

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| Qualifier | Meaning |
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| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
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| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
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| B | Results based upon colony plate count outside ideal range. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 2, 2021
Jun 15, 2021; Invoice: 472479

Report Summary

Date Received: Jun 2, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------------------------------|-------------------|-----------------------------------|---------------|
| 472479SW1 | WR 2 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 472479SW2 | WR 1 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 472479SW3 | FCO | COLILERT-18 | DTB | North Lab | Surface Water |
| 472479SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 472479SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 472479SW6 | WR 3 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 472479SW7 | WR 4 | COLILERT-18 EPA245.1 EPA6020B | DTB PCW EVB | North Lab Main Lab Main Lab | Surface Water |
| 472479SW8 | WR 5 | COLILERT-18 EPA245.1 EPA6020B | DTB PCW EVB | North Lab Main Lab Main Lab | Surface Water |
| 472479SW9 | WR 6 | EPA245.1 | PCW | Main Lab | Surface Water |
| 472479SW10 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 2, 2021
Jun 15, 2021; Invoice: 472479

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 472479SW1 | 06/02/21 08:37 AM | WR 2 | Fecal Coliform | 85.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| | | | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |
| 472479SW2 | 06/02/21 09:02 AM | WR 1 | Fecal Coliform | 41.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| | | | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |
| 472479SW3 | 06/02/21 09:25 AM | FCO | Fecal Coliform | 144 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| 472479SW4 | 06/02/21 09:39 AM | FC 1 | Fecal Coliform | 144 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| 472479SW5 | 06/02/21 09:55 AM | FC 2 | Fecal Coliform | 181 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| 472479SW6 | 06/02/21 10:12 AM | WR 3 | Fecal Coliform | 52.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| | | | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |
| 472479SW7 | 06/02/21 10:36 AM | WR 4 | | | | | | | | | | |



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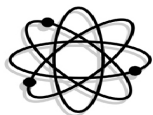
PO #: n/a
Client Project #: LCI
Date Sampled: Jun 2, 2021
Jun 15, 2021; Invoice: 472479

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 472479SW7 | 06/02/21 10:36 AM | WR 4 | Fecal Coliform | 160 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| | | | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10466853 | EPA6020B | 7439-92-1 | 06/03/21 |
| | | | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 472479SW8 | 06/02/21 11:06 AM | WR 5 | Fecal Coliform | 41.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |
| | | | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10466853 | EPA6020B | 7439-92-1 | 06/03/21 |
| | | | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|-----------|--------------|-------|------|------------|-----------|----------|----------|-----------|----------|
| 472479SW9 | 06/02/21 11:30 AM | WR 6 | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 472479SW10 | 06/02/21 11:50 AM | WRT 1 | Fecal Coliform | 794 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466538 | COLILERT-18 | E761792 | 06/02/21 01:40 PM |



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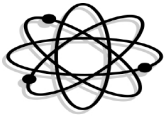
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 2, 2021
Jun 15, 2021; Invoice: 472479

Quality Report

| | | | | | | | | |
|--|---------------|---------------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Quality Control Batch: 10466853 | | Analyst: EVB | | | | | | |
| Blank | Result | Units | | | | | | |
| Lead | 0.00100U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Lead | 0.0936 | mg/L | 0.100 | 93.60 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Lead | 0.134 | mg/L | 0.150 | 89.40 | 75.00-125.00 | 0.00100U | 472479SW7 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Lead | 0.132 | mg/L | 0.150 | 88.27 | 75.00-125.00 | 0.00100U | 1.28 | 20.00 |
| Quality Control Batch: 10467494 | | Analyst: PCW | | | | | | |
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000186 | mg/L | 0.0000200 | 93.00 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000510 | mg/L | 0.0000500 | 117.40 | 80.00-120.00 | -0.00000770 | 473400GW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000504 | mg/L | 0.0000500 | 116.20 | 80.00-120.00 | -0.00000770 | 1.18 | 20.00 |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 2, 2021
Jun 15, 2021; Invoice: 472479

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

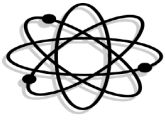
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 3, 2021
Jun 15, 2021; Invoice: 472545

Report Summary

Date Received: Jun 3, 2021

FCL Project Manager: William J. Rogers

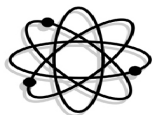
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 472545SW1 | AR1 | EPA245.1 | PCW | Main Lab | Surface Water |
| 472545SW2 | MC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 472545SW3 | MC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 472545SW4 | JG2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 472545SW5 | WR7 | EPA245.1 | PCW | Main Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 3, 2021
Jun 15, 2021; Invoice: 472545

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 472545SW1 | 06/03/21 07:55 AM | AR1 | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467494 | EPA245.1 | 7439-97-6 | 06/14/21 |
| 472545SW2 | 06/03/21 08:44 AM | MC2 | Fecal Coliform | 41.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466700 | COLILERT-18 | E761792 | 06/03/21 11:00 AM |
| 472545SW3 | 06/03/21 08:26 AM | MC1 | Fecal Coliform | 712 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466700 | COLILERT-18 | E761792 | 06/03/21 11:00 AM |
| 472545SW4 | 06/03/21 09:19 AM | JG2 | Fecal Coliform | 97.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10466700 | COLILERT-18 | E761792 | 06/03/21 11:00 AM |
| 472545SW5 | 06/03/21 09:36 AM | WR7 | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10467510 | EPA245.1 | 7439-97-6 | 06/14/21 |



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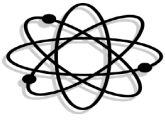
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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 3, 2021
Jun 15, 2021; Invoice: 472545

Quality Report

| Quality Control Batch: 10467494 | | Analyst: PCW | | | | | | |
|----------------------------------|---------------|--------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000186 | mg/L | 0.0000200 | 93.00 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000510 | mg/L | 0.0000500 | 117.40 | 80.00-120.00 | -0.00000770 | 473400GW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000504 | mg/L | 0.0000500 | 116.20 | 80.00-120.00 | -0.00000770 | 1.18 | 20.00 |
| Quality Control Batch: 10467510 | | Analyst: PCW | | | | | | |
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000186 | mg/L | 0.0000200 | 93.00 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000510 | mg/L | 0.0000500 | 117.40 | 80.00-120.00 | -0.00000770 | 473400GW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000504 | mg/L | 0.0000500 | 116.20 | 80.00-120.00 | -0.00000770 | 1.18 | 20.00 |



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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 3, 2021
Jun 15, 2021; Invoice: 472545

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

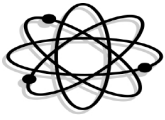
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
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| O | Result is greater than (over) the specified value. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 9, 2021
Jun 10, 2021; Invoice: 473143

Report Summary

Date Received: Jun 9, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 473143SW1 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473143SW2 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473143SW3 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473143SW4 | JG2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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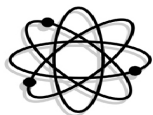
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 9, 2021
Jun 10, 2021; Invoice: 473143

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 473143SW1 | 06/09/21 08:55 AM | MC 2 | Fecal Coliform | 132 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467066 | COLILERT-18 | E761792 | 06/09/21 11:45 AM |
| 473143SW2 | 06/09/21 09:04 AM | MC 1 | Fecal Coliform | 1040 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467066 | COLILERT-18 | E761792 | 06/09/21 11:45 AM |
| 473143SW3 | 06/09/21 09:50 AM | WRT 1 | Fecal Coliform | 181 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467066 | COLILERT-18 | E761792 | 06/09/21 11:45 AM |
| 473143SW4 | 06/09/21 10:10 AM | JG2 | Fecal Coliform | 97.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467066 | COLILERT-18 | E761792 | 06/09/21 11:45 AM |



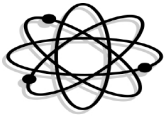
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PO #: n/a
Client Project #: LCI
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Jun 10, 2021; Invoice: 473143



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PO #: n/a
Client Project #: LCI
Date Sampled: Jun 9, 2021
Jun 10, 2021; Invoice: 473143

Narrative Report

Sample Handling

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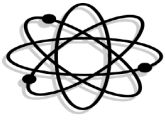
Quality Control

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Attachments

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| Qualifier | Meaning |
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| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
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| O | Result is greater than (over) the specified value. |
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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 10, 2021
Jun 11, 2021; Invoice: 473333

Report Summary

Date Received: Jun 10, 2021

FCL Project Manager: William J. Rogers

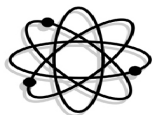
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 473333SW1 | WR2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW2 | WR1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW3 | FC0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW4 | FC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW5 | FC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW6 | WR3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW7 | WR4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473333SW8 | WR5 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 10, 2021
Jun 11, 2021; Invoice: 473333

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 473333SW1 | 06/10/21 07:55 AM | WR2 | Fecal Coliform | 120 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |
| 473333SW2 | 06/10/21 08:08 AM | WR1 | Fecal Coliform | 158 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |
| 473333SW3 | 06/10/21 08:24 AM | FC0 | Fecal Coliform | 206 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |
| 473333SW4 | 06/10/21 08:32 AM | FC1 | Fecal Coliform | 116 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |
| 473333SW5 | 06/10/21 08:45 AM | FC2 | Fecal Coliform | 318 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |
| 473333SW6 | 06/10/21 09:22 AM | WR3 | Fecal Coliform | 85.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |
| 473333SW7 | 06/10/21 09:30 AM | WR4 | Fecal Coliform | 422 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |



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| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 473333SW8 | 06/10/21 09:51 AM | WR5 | Fecal Coliform | 41.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467252 | COLILERT-18 | E761792 | 06/10/21 12:30 PM |



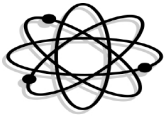
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Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 10, 2021
Jun 11, 2021; Invoice: 473333



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 10, 2021
Jun 11, 2021; Invoice: 473333

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

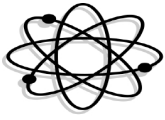
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 15, 2021
Jun 16, 2021; Invoice: 473780

Report Summary

Date Received: Jun 15, 2021

FCL Project Manager: William J. Rogers

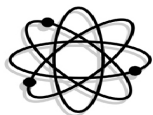
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 473780SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW3 | FC0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW8 | WR 5 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473780SW9 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
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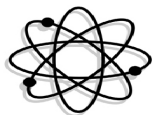
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 15, 2021
Jun 16, 2021; Invoice: 473780

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 473780SW1 | 06/15/21 08:22 AM | WR 2 | Fecal Coliform | 144 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW2 | 06/15/21 09:09 AM | WR 1 | Fecal Coliform | 144 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW3 | 06/15/21 09:28 AM | FC0 | Fecal Coliform | 328 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW4 | 06/15/21 09:40 AM | FC 1 | Fecal Coliform | 266 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW5 | 06/15/21 09:55 AM | FC 2 | Fecal Coliform | 233 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW6 | 06/15/21 10:08 AM | WR 3 | Fecal Coliform | 84.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW7 | 06/15/21 10:26 AM | WR 4 | Fecal Coliform | 1780 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |



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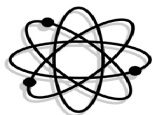
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PO #: n/a
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Date Sampled: Jun 15, 2021
Jun 16, 2021; Invoice: 473780

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 473780SW8 | 06/15/21 10:46 AM | WR 5 | Fecal Coliform | 72.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |
| 473780SW9 | 06/15/21 11:07 AM | WRT 1 | Fecal Coliform | 153 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467600 | COLILERT-18 | E761792 | 06/15/21 01:00 PM |



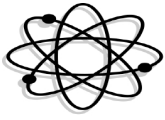
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PO #: n/a
Client Project #: LCI
Date Sampled: Jun 15, 2021
Jun 16, 2021; Invoice: 473780

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

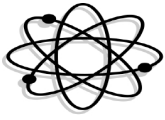
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
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| B | Results based upon colony plate count outside ideal range. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 16, 2021
Jun 17, 2021; Invoice: 473897

Report Summary

Date Received: Jun 16, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 473897SW1 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473897SW2 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 473897SW3 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 16, 2021
Jun 17, 2021; Invoice: 473897

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 473897SW1 | 06/16/21 08:03 AM | MC 1 | Fecal Coliform | 1040 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467723 | COLILERT-18 | E761792 | 06/16/21 11:00 AM |
| 473897SW2 | 06/16/21 08:21 AM | MC 2 | Fecal Coliform | 368 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467723 | COLILERT-18 | E761792 | 06/16/21 11:00 AM |
| 473897SW3 | 06/16/21 08:48 AM | JG 2 | Fecal Coliform | 246 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10467723 | COLILERT-18 | E761792 | 06/16/21 11:00 AM |



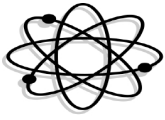
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 16, 2021
Jun 17, 2021; Invoice: 473897

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

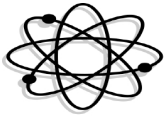
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 22, 2021
Jun 23, 2021; Invoice: 474482

Report Summary

Date Received: Jun 22, 2021

FCL Project Manager: William J. Rogers

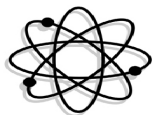
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 474482SW1 | MC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474482SW2 | MC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474482SW3 | WRT1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474482SW4 | JG2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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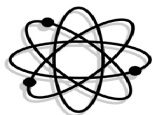
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3998 Inner Perimeter Road
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PO #: n/a
Client Project #: LCI
Date Sampled: Jun 22, 2021
Jun 23, 2021; Invoice: 474482

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 474482SW1 | 06/22/21 11:15 AM | MC2 | Fecal Coliform | 3260 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468232 | COLILERT-18 | E761792 | 06/22/21 01:30 PM |
| 474482SW2 | 06/22/21 11:26 AM | MC1 | Fecal Coliform | 24200 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468232 | COLILERT-18 | E761792 | 06/22/21 01:30 PM |
| 474482SW3 | 06/22/21 12:04 PM | WRT1 | Fecal Coliform | 4110 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468232 | COLILERT-18 | E761792 | 06/22/21 01:30 PM |
| 474482SW4 | 06/22/21 12:22 PM | JG2 | Fecal Coliform | 712 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468232 | COLILERT-18 | E761792 | 06/22/21 01:30 PM |



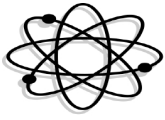
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Narrative Report

Sample Handling

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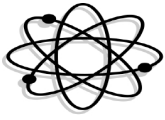
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
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| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
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| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Jun 23, 2021
Jun 24, 2021; Invoice: 474569

Report Summary

Date Received: Jun 23, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 474569SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW3 | FC0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW6 | WR4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW7 | WR3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 474569SW8 | WR5 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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PO #: n/a
Client Project #: LCI
Date Sampled: Jun 23, 2021
Jun 24, 2021; Invoice: 474569

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|---------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 474569SW1 | 06/23/21 07:33 AM | WR 2 | Fecal Coliform | 8160 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |
| 474569SW2 | 06/23/21 07:52 AM | WR 1 | Fecal Coliform | 8660 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |
| 474569SW3 | 06/23/21 08:05 AM | FC0 | Fecal Coliform | 6490 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |
| 474569SW4 | 06/23/21 08:15 AM | FC 1 | Fecal Coliform | 24200 J | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |
| 474569SW5 | 06/23/21 08:26 AM | FC 2 | Fecal Coliform | 24200 J | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |
| 474569SW6 | 06/23/21 08:45 AM | WR4 | Fecal Coliform | 7700 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |
| 474569SW7 | 06/23/21 09:23 AM | WR3 | Fecal Coliform | 13000 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |



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Date Sampled: Jun 23, 2021
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| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 474569SW8 | 06/23/21 09:55 AM | WR5 | Fecal Coliform | 1070 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10468334 | COLILERT-18 | E761792 | 06/23/21 11:30 AM |



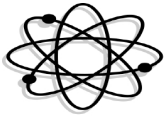
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Client Project #: LCI
Date Sampled: Jun 23, 2021
Jun 24, 2021; Invoice: 474569

Narrative Report

Sample Handling

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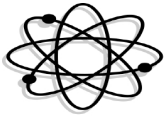
Quality Control

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Attachments

Chain of Custody

| Qualifier | Meaning |
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 8, 2021
Sep 9, 2021; Invoice: 482565

Report Summary

Date Received: Sep 8, 2021

FCL Project Manager: William J. Rogers

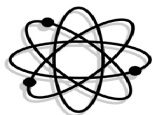
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 482565SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW3 | FC 0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW8 | WR 5 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW9 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW10 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 482565SW11 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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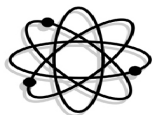
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PO #: n/a
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Date Sampled: Sep 8, 2021
Sep 9, 2021; Invoice: 482565

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 482565SW1 | 09/08/21 08:43 AM | WR 2 | Fecal Coliform | 1110 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW2 | 09/08/21 09:04 AM | WR 1 | Fecal Coliform | 285 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW3 | 09/08/21 09:16 AM | FC 0 | Fecal Coliform | 1170 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW4 | 09/08/21 09:25 AM | FC 1 | Fecal Coliform | 1350 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW5 | 09/08/21 09:40 AM | FC 2 | Fecal Coliform | 417 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW6 | 09/08/21 09:51 AM | WR 3 | Fecal Coliform | 253 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW7 | 09/08/21 10:12 AM | WR 4 | Fecal Coliform | 333 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |



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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 8, 2021
Sep 9, 2021; Invoice: 482565

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 482565SW8 | 09/08/21 10:43 AM | WR 5 | Fecal Coliform | 1610 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW9 | 09/08/21 11:03 AM | WRT 1 | Fecal Coliform | 189 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW10 | 09/08/21 11:12 AM | WRT 2 | Fecal Coliform | 459 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |
| 482565SW11 | 09/08/21 11:28 AM | JG 2 | Fecal Coliform | 373 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475424 | COLILERT-18 | E761792 | 09/08/21 02:00 PM |



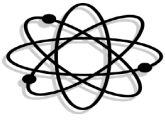
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PO #: n/a
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Date Sampled: Sep 8, 2021
Sep 9, 2021; Invoice: 482565

Narrative Report

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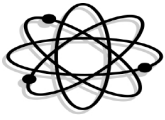
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 9, 2021
Sep 22, 2021; Invoice: 482781

Report Summary

Date Received: Sep 9, 2021

FCL Project Manager: William J. Rogers

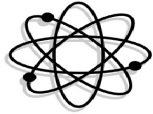
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|----------|---------|----------|---------------|
| 482781SW1 | WR 6 | EPA245.1 | PCW | Main Lab | Surface Water |
| 482781SW2 | WR 5 | EPA245.1 | PCW | Main Lab | Surface Water |
| 482781SW3 | WR 4 | EPA6020B | EVB | Main Lab | Surface Water |
| | | EPA245.1 | PCW | Main Lab | |
| 482781SW4 | WR 3 | EPA6020B | EVB | Main Lab | Surface Water |
| | | EPA245.1 | PCW | Main Lab | |
| 482781SW5 | WR 1 | EPA245.1 | PCW | Main Lab | Surface Water |
| 482781SW6 | WR 2 | EPA245.1 | PCW | Main Lab | Surface Water |
| 482781SW7 | AR 1 | EPA245.1 | PCW | Main Lab | Surface Water |
| 482781SW8 | MC 1 | | | | Surface Water |
| 482781SW9 | MC 2 | | | | Surface Water |
| 482781SW10 | WR 7 | EPA245.1 | PCW | Main Lab | Surface Water |

Certificate of Results

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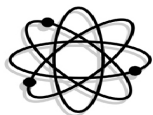
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 9, 2021
Sep 22, 2021; Invoice: 482781

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|-----------|--------------|-------|------|------------|-----------|----------|----------|-----------|----------|
| 482781SW1 | 09/09/21 10:01 AM | WR 6 | Mercury | 1.00 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |
| 482781SW2 | 09/09/21 10:34 AM | WR 5 | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10476379 | EPA6020B | 7439-92-1 | 09/17/21 |
| | | | Mercury | 8.40 E-06 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |
| 482781SW3 | 09/09/21 10:57 AM | WR 4 | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10476379 | EPA6020B | 7439-92-1 | 09/17/21 |
| | | | Mercury | 1.54 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |
| 482781SW4 | 09/09/21 11:20 AM | WR 3 | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |
| 482781SW5 | 09/09/21 11:40 AM | WR 1 | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |
| 482781SW6 | 09/09/21 11:59 AM | WR 2 | Mercury | 2.86 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |
| 482781SW7 | 09/09/21 12:31 PM | AR 1 | Mercury | 1.55 E-05 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |



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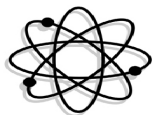
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 9, 2021
Sep 22, 2021; Invoice: 482781

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|-----------|-----------|------|-----------|-----------|----------|-------------|-----------|-------------------|
| 482781SW8 | 09/09/21 12:54 PM | MC 1 | Fecal Coliform | 24200 J | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475556 | COLILERT-18 | E761792 | 09/09/21 02:30 PM |
| 482781SW9 | 09/09/21 01:06 PM | MC 2 | Fecal Coliform | 24200 J | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475556 | COLILERT-18 | E761792 | 09/09/21 02:30 PM |
| 482781SW10 | 09/09/21 01:40 PM | WR 7 | Mercury | 9.60 E-06 | mg/L | 1.00 | 0.0000050 | 0.0000100 | 10476581 | EPA245.1 | 7439-97-6 | 09/21/21 |



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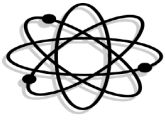
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3998 Inner Perimeter Road
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PO #: n/a
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Date Sampled: Sep 9, 2021
Sep 22, 2021; Invoice: 482781

Quality Report

| | | | | | | | | |
|--|---------------|---------------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Quality Control Batch: 10476379 | | Analyst: EVB | | | | | | |
| Blank | Result | Units | | | | | | |
| Lead | 0.00100U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Lead | 0.111 | mg/L | 0.100 | 111.10 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Lead | 0.0976 | mg/L | 0.100 | 97.60 | 75.00-125.00 | 0.00100U | 483348GW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Lead | 0.0981 | mg/L | 0.100 | 98.10 | 75.00-125.00 | 0.00100U | 0.51 | 20.00 |
| Quality Control Batch: 10476581 | | Analyst: PCW | | | | | | |
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000211 | mg/L | 0.0000200 | 105.50 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000274 | mg/L | 0.0000300 | 141.67 | 80.00-120.00 | -0.0000151 | 483091SW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000294 | mg/L | 0.0000300 | 148.33 | 80.00-120.00 | -0.0000151 | 7.04 | 20.00 |



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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 9, 2021
Sep 22, 2021; Invoice: 482781

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

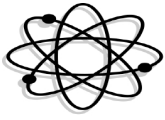
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 14, 2021
Sep 15, 2021; Invoice: 483204

Report Summary

Date Received: Sep 14, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 483204SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW2 | WR1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW3 | FC0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW8 | WR 5 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW9 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 483204SW10 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 14, 2021
Sep 15, 2021; Invoice: 483204

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 483204SW1 | 09/14/21 08:18 AM | WR 2 | Fecal Coliform | 504 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW2 | 09/14/21 08:51 AM | WR1 | Fecal Coliform | 272 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW3 | 09/14/21 09:07 AM | FC0 | Fecal Coliform | 449 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW4 | 09/14/21 09:17 AM | FC 1 | Fecal Coliform | 327 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW5 | 09/14/21 09:30 AM | FC 2 | Fecal Coliform | 723 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW6 | 09/14/21 09:53 AM | WR 3 | Fecal Coliform | 275 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW7 | 09/14/21 10:38 AM | WR 4 | Fecal Coliform | 528 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |



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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 14, 2021
Sep 15, 2021; Invoice: 483204

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 483204SW8 | 09/14/21 11:08 AM | WR 5 | Fecal Coliform | 425 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW9 | 09/14/21 11:23 AM | WRT 1 | Fecal Coliform | 496 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |
| 483204SW10 | 09/14/21 11:32 AM | WRT 2 | Fecal Coliform | 441 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10475916 | COLILERT-18 | E761792 | 09/14/21 01:00 PM |



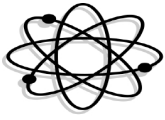
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 14, 2021
Sep 15, 2021; Invoice: 483204

Narrative Report

Sample Handling

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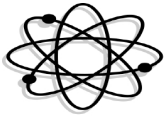
Quality Control

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Attachments

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| Qualifier | Meaning |
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| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 15, 2021
Sep 22, 2021; Invoice: 483366

Report Summary

Date Received: Sep 15, 2021

FCL Project Manager: William J. Rogers

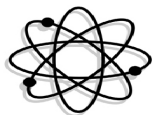
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 483366SW1 | MC 1 | COLILERT-18 | GMR | North Lab | Surface Water |
| 483366SW2 | MC 2 | COLILERT-18 | GMR | North Lab | Surface Water |
| 483366SW3 | JG 2 | COLILERT-18 | GMR | North Lab | Surface Water |

Certificate of Results

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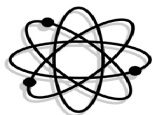
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 15, 2021
Sep 22, 2021; Invoice: 483366

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 483366SW1 | 09/15/21 10:14 AM | MC 1 | Fecal Coliform | 602 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476529 | COLILERT-18 | E761792 | 09/15/21 12:30 PM |
| 483366SW2 | 09/15/21 10:26 AM | MC 2 | Fecal Coliform | 488 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476529 | COLILERT-18 | E761792 | 09/15/21 12:30 PM |
| 483366SW3 | 09/15/21 10:50 AM | JG 2 | Fecal Coliform | 842 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476529 | COLILERT-18 | E761792 | 09/15/21 12:30 PM |



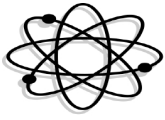
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 15, 2021
Sep 22, 2021; Invoice: 483366

Narrative Report

Sample Handling

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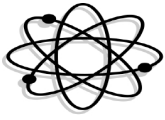
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| Qualifier | Meaning |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 22, 2021
Sep 23, 2021; Invoice: 484137

Report Summary

Date Received: Sep 22, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | SampleMatrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 484137SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW3 | FC 0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW4 | FC1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW5 | FC2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW8 | WR 5 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW9 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484137SW10 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 22, 2021
Sep 23, 2021; Invoice: 484137

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 484137SW1 | 09/22/21 08:18 AM | WR 2 | Fecal Coliform | 1180 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW2 | 09/22/21 08:38 AM | WR 1 | Fecal Coliform | 383 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW3 | 09/22/21 08:57 AM | FC 0 | Fecal Coliform | 345 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW4 | 09/22/21 09:01 AM | FC1 | Fecal Coliform | 573 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW5 | 09/22/21 09:14 AM | FC2 | Fecal Coliform | 454 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW6 | 09/22/21 09:26 AM | WR 3 | Fecal Coliform | 816 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW7 | 09/22/21 09:45 AM | WR 4 | Fecal Coliform | 820 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |



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Sep 23, 2021; Invoice: 484137

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 484137SW8 | 09/22/21 10:06 AM | WR 5 | Fecal Coliform | 759 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW9 | 09/22/21 10:23 AM | WRT 1 | Fecal Coliform | 480 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |
| 484137SW10 | 09/22/21 10:36 AM | WRT 2 | Fecal Coliform | 259 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476722 | COLILERT-18 | E761792 | 09/22/21 12:00 PM |



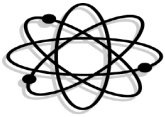
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 22, 2021
Sep 23, 2021; Invoice: 484137

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

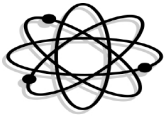
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 23, 2021
Sep 24, 2021; Invoice: 484277

Report Summary

Date Received: Sep 23, 2021

FCL Project Manager: William J. Rogers

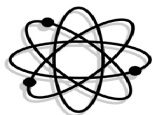
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 484277SW1 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484277SW2 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 484277SW3 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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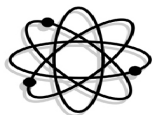
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 23, 2021
Sep 24, 2021; Invoice: 484277

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 484277SW1 | 09/23/21 08:51 AM | MC 1 | Fecal Coliform | 8160 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476907 | COLILERT-18 | E761792 | 09/23/21 11:00 AM |
| 484277SW2 | 09/23/21 09:03 AM | MC 2 | Fecal Coliform | 1850 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476907 | COLILERT-18 | E761792 | 09/23/21 11:00 AM |
| 484277SW3 | 09/23/21 09:24 AM | JG 2 | Fecal Coliform | 908 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10476907 | COLILERT-18 | E761792 | 09/23/21 11:00 AM |



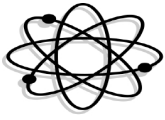
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 23, 2021
Sep 24, 2021; Invoice: 484277

Narrative Report

Sample Handling

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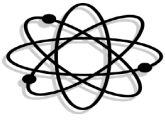
Quality Control

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Attachments

Chain of Custody

| Qualifier | Meaning |
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| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 29, 2021
Sep 30, 2021; Invoice: 484941

Report Summary

Date Received: Sep 29, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | SampleMatrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 484941SW1 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW2 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW3 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW4 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW5 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW6 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW7 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW8 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW9 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 484941SW10 | | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 29, 2021
Sep 30, 2021; Invoice: 484941

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 484941SW1 | 09/29/21 08:31 AM | | Fecal Coliform | 120 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW2 | 09/29/21 08:50 AM | | Fecal Coliform | 173 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW3 | 09/29/21 09:08 AM | | Fecal Coliform | 298 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW4 | 09/29/21 09:17 PM | | Fecal Coliform | 331 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW5 | 09/29/21 09:31 AM | | Fecal Coliform | 520 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW6 | 09/29/21 09:41 AM | | Fecal Coliform | 156 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW7 | 09/29/21 10:16 AM | | Fecal Coliform | 199 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |



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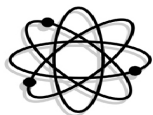
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Lovell Engineering Associates
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 29, 2021
Sep 30, 2021; Invoice: 484941

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 484941SW8 | 09/29/21 10:38 AM | | Fecal Coliform | 209 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW9 | 09/29/21 10:55 AM | | Fecal Coliform | 323 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |
| 484941SW10 | 09/29/21 11:06 AM | | Fecal Coliform | 323 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477674 | COLILERT-18 | E761792 | 09/29/21 12:30 PM |



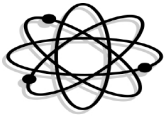
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 29, 2021
Sep 30, 2021; Invoice: 484941



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 29, 2021
Sep 30, 2021; Invoice: 484941

Narrative Report

Sample Handling

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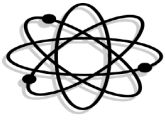
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| Qualifier | Meaning |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 30, 2021
Oct 1, 2021; Invoice: 485079

Report Summary

Date Received: Sep 30, 2021

FCL Project Manager: William J. Rogers

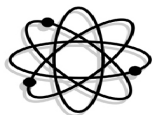
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 485079SW1 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 485079SW2 | | COLILERT-18 | DTB | North Lab | Surface Water |
| 485079SW3 | | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Sep 30, 2021
Oct 1, 2021; Invoice: 485079

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 485079SW1 | 09/30/21 09:06 AM | | Fecal Coliform | 581 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477773 | COLILERT-18 | E761792 | 09/30/21 12:00 PM |
| 485079SW2 | 09/30/21 09:21 AM | | Fecal Coliform | 552 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477773 | COLILERT-18 | E761792 | 09/30/21 12:00 PM |
| 485079SW3 | 09/30/21 09:47 AM | | Fecal Coliform | 285 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10477773 | COLILERT-18 | E761792 | 09/30/21 12:00 PM |



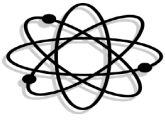
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PO #: n/a
Client Project #: LCI
Date Sampled: Sep 30, 2021
Oct 1, 2021; Invoice: 485079

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

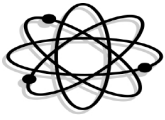
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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3998 Inner Perimeter Road
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PO #: n/a
Client Project #: LCI
Date Sampled: Dec 1, 2021
Dec 13, 2021; Invoice: 491661

Report Summary

Date Received: Dec 1, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------------------------------|-------------------|-----------------------------------|---------------|
| 491661SW1 | WR 2 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 491661SW2 | WR 1 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 491661SW3 | FC 0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491661SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491661SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491661SW6 | WR 3 | COLILERT-18 EPA245.1 | DTB PCW | North Lab Main Lab | Surface Water |
| 491661SW7 | WR 4 | COLILERT-18 EPA245.1 EPA6020B | DTB PCW EVB | North Lab Main Lab Main Lab | Surface Water |
| 491661SW8 | WR 5 | COLILERT-18 EPA245.1 EPA6020B | DTB PCW EVB | North Lab Main Lab Main Lab | Surface Water |
| 491661SW9 | WR 6 | EPA245.1 | PCW | Main Lab | Surface Water |
| 491661SW10 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491661SW11 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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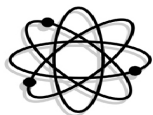
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 1, 2021
Dec 13, 2021; Invoice: 491661

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 491661SW1 | 12/01/21 07:55 AM | WR 2 | Fecal Coliform | 183 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| | | | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485337 | EPA245.1 | 7439-97-6 | 12/10/21 |
| 491661SW2 | 12/01/21 08:21 AM | WR 1 | Fecal Coliform | 107 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| | | | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485337 | EPA245.1 | 7439-97-6 | 12/10/21 |
| 491661SW3 | 12/01/21 08:39 AM | FC 0 | Fecal Coliform | 211 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| 491661SW4 | 12/01/21 08:52 AM | FC 1 | Fecal Coliform | 355 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| 491661SW5 | 12/01/21 09:07 AM | FC 2 | Fecal Coliform | 108 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| 491661SW6 | 12/01/21 09:22 AM | WR 3 | Fecal Coliform | 571 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| | | | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485337 | EPA245.1 | 7439-97-6 | 12/10/21 |
| 491661SW7 | 12/01/21 10:07 AM | WR 4 | | | | | | | | | | |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 1, 2021
Dec 13, 2021; Invoice: 491661

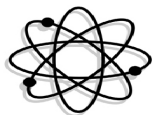
| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|-----------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 491661SW7 | 12/01/21 10:07 AM | WR 4 | Fecal Coliform | 882 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| | | | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10484508 | EPA6020B | 7439-92-1 | 12/02/21 |
| | | | Mercury | 5.70 E-06 | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485337 | EPA245.1 | 7439-97-6 | 12/10/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 491661SW8 | 12/01/21 10:34 AM | WR 5 | Fecal Coliform | 63.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |
| | | | Lead | 0.00100 U | mg/L | 1.00 | 0.00100 | 0.00200 | 10484508 | EPA6020B | 7439-92-1 | 12/02/21 |
| | | | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485337 | EPA245.1 | 7439-97-6 | 12/10/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|-----------|--------------|-------|------|------------|-----------|----------|----------|-----------|----------|
| 491661SW9 | 12/01/21 10:58 AM | WR 6 | Mercury | 0.00000500 U | mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485337 | EPA245.1 | 7439-97-6 | 12/10/21 |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 491661SW10 | 12/01/21 11:23 AM | WRT 1 | Fecal Coliform | 359 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 491661SW11 | 12/01/21 11:35 AM | WRT 2 | Fecal Coliform | 132 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484078 | COLILERT-18 | E761792 | 12/01/21 01:00 PM |



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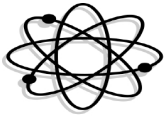
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PO #: n/a
Client Project #: LCI
Date Sampled: Dec 1, 2021
Dec 13, 2021; Invoice: 491661

Quality Report

| Quality Control Batch: 10484508 | | Analyst: EVB | | | | | | |
|----------------------------------|---------------|--------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Blank | Result | Units | | | | | | |
| Lead | 0.00100U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Lead | 0.0949 | mg/L | 0.100 | 94.90 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Lead | 0.0987 | mg/L | 0.100 | 98.70 | 75.00-125.00 | 0.00100U | 491651WW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Lead | 0.0995 | mg/L | 0.100 | 99.50 | 75.00-125.00 | 0.00100U | 0.81 | 20.00 |
| Quality Control Batch: 10485337 | | Analyst: PCW | | | | | | |
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000211 | mg/L | 0.0000200 | 105.50 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000695 | mg/L | 0.0000500 | 125.40 | 80.00-120.00 | 0.00000680 | 492435SW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000621 | mg/L | 0.0000500 | 110.60 | 80.00-120.00 | 0.00000680 | 11.25 | 20.00 |



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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 1, 2021
Dec 13, 2021; Invoice: 491661

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

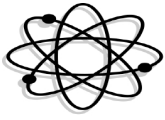
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 2, 2021
Dec 10, 2021; Invoice: 491795

Report Summary

Date Received: Dec 2, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 491795SW1 | AR 1 | EPA245.1 | PCW | Main Lab | Surface Water |
| 491795SW2 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491795SW3 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491795SW4 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 491795SW5 | WR 7 | EPA245.1 | PCW | Main Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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PO #: n/a
Client Project #: LCI
Date Sampled: Dec 2, 2021
Dec 10, 2021; Invoice: 491795

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|------------|-----------|------|------------|-----------|----------|-------------|-----------|-------------------|
| 491795SW1 | 12/02/21 09:10 AM | AR 1 | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485238 | EPA245.1 | 7439-97-6 | 12/10/21 |
| 491795SW2 | 12/02/21 09:36 AM | MC 2 | Fecal Coliform | 246 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484302 | COLILERT-18 | E761792 | 12/02/21 12:00 PM |
| 491795SW3 | 12/02/21 09:52 AM | MC 1 | Fecal Coliform | 110 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484302 | COLILERT-18 | E761792 | 12/02/21 12:00 PM |
| 491795SW4 | 12/02/21 10:17 AM | JG 2 | Fecal Coliform | 591 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484302 | COLILERT-18 | E761792 | 12/02/21 12:00 PM |
| 491795SW5 | 12/02/21 10:44 AM | WR 7 | Mercury | 0.00000500 | U mg/L | 1.00 | 0.00000500 | 0.0000100 | 10485238 | EPA245.1 | 7439-97-6 | 12/10/21 |



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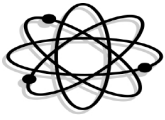
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PO #: n/a
Client Project #: LCI
Date Sampled: Dec 2, 2021
Dec 10, 2021; Invoice: 491795

Quality Report

| | | | | | | | | |
|--|---------------|---------------------|--------------|-------------|-----------------|---------------|-------------------|----------------|
| Quality Control Batch: 10485238 | | Analyst: PCW | | | | | | |
| Blank | Result | Units | | | | | | |
| Mercury | 0.00000500U | mg/L | | | | | | |
| Laboratory Control Sample | Result | Units | Spike | %REC | %REC Lim | | | |
| Mercury | 0.0000211 | mg/L | 0.0000200 | 105.50 | 80.00-120.00 | | | |
| Matrix Spike | Result | Units | Spike | %REC | %REC Lim | Sample | Lab Number | |
| Mercury | 0.0000695 | mg/L | 0.0000500 | 125.40 | 80.00-120.00 | 0.00000680 | 492435SW1 | |
| Matrix Spike Duplicate | Result | Units | Spike | %REC | %REC Lim | Sample | RPD | RPD Lim |
| Mercury | 0.0000621 | mg/L | 0.0000500 | 110.60 | 80.00-120.00 | 0.00000680 | 11.25 | 20.00 |



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Phone: 305-743-8598 E35834 (Keys Lab)

Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 2, 2021
Dec 10, 2021; Invoice: 491795

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

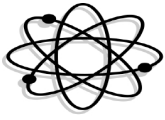
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 7, 2021
Dec 9, 2021; Invoice: 492247

Report Summary

Date Received: Dec 7, 2021

FCL Project Manager: William J. Rogers

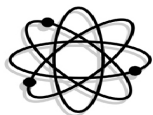
| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 492247SW1 | WR 2 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW2 | WR 1 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW3 | FC 0 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW4 | FC 1 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW5 | FC 2 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW6 | WR 3 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW7 | WR4 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW8 | WR 5 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW9 | WRT 1 | COLILERT-18 | AML | North Lab | Surface Water |
| 492247SW10 | WRT 2 | COLILERT-18 | AML | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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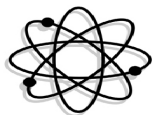
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 7, 2021
Dec 9, 2021; Invoice: 492247

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 492247SW1 | 12/07/21 09:07 AM | WR 2 | Fecal Coliform | 201 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW2 | 12/07/21 09:23 AM | WR 1 | Fecal Coliform | 109 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW3 | 12/07/21 09:36 AM | FC 0 | Fecal Coliform | 529 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW4 | 12/07/21 09:44 PM | FC 1 | Fecal Coliform | 359 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW5 | 12/07/21 09:58 AM | FC 2 | Fecal Coliform | 613 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW6 | 12/07/21 10:09 AM | WR 3 | Fecal Coliform | 504 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW7 | 12/07/21 10:27 AM | WR4 | Fecal Coliform | 226 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |



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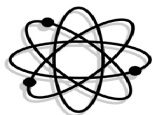
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 7, 2021
Dec 9, 2021; Invoice: 492247

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 492247SW8 | 12/07/21 10:46 AM | WR 5 | Fecal Coliform | 41.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW9 | 12/07/21 11:00 AM | WRT 1 | Fecal Coliform | 573 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |
| 492247SW10 | 12/07/21 11:11 AM | WRT 2 | Fecal Coliform | 1350 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485011 | COLILERT-18 | E761792 | 12/07/21 12:45 PM |



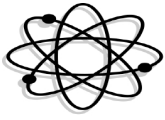
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Date Sampled: Dec 7, 2021
Dec 9, 2021; Invoice: 492247



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 7, 2021
Dec 9, 2021; Invoice: 492247

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

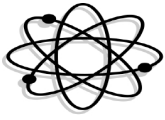
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
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| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 8, 2021
Dec 15, 2021; Invoice: 492372

Report Summary

Date Received: Dec 8, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 492372SW1 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 492372SW2 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 492372SW3 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 492372SW4 | MUD CREEK | SM2340 B | EVB | Main Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 8, 2021
Dec 15, 2021; Invoice: 492372

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-----------|---------------------------|--------|-----------|------|-------|-------|----------|-------------|---------|-------------------|
| 492372SW1 | 12/08/21 09:29 AM | MC 1 | Fecal Coliform | 235 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484905 | COLILERT-18 | E761792 | 12/08/21 11:30 AM |
| 492372SW2 | 12/08/21 09:16 AM | MC 2 | Fecal Coliform | 327 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484905 | COLILERT-18 | E761792 | 12/08/21 11:30 AM |
| 492372SW3 | 12/08/21 09:57 AM | JG 2 | Fecal Coliform | 583 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10484905 | COLILERT-18 | E761792 | 12/08/21 11:30 AM |
| 492372SW4 | 12/08/21 08:50 AM | MUD CREEK | Total Hardness (as CaCO3) | 11.4 | mg/L | 1.00 | 0.100 | 0.200 | 10485579 | SM2340 B | 40-11-9 | 12/14/21 |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 8, 2021
Dec 15, 2021; Invoice: 492372

Quality Report

Quality Control Batch: 10485579

Analyst: EVB

Blank

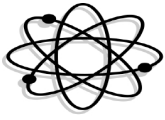
Result

Units

Total Hardness (as CaCO₃)

0.100U

mg/L



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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 8, 2021
Dec 15, 2021; Invoice: 492372

Narrative Report

Sample Handling

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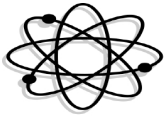
Quality Control

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| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 14, 2021
Dec 15, 2021; Invoice: 493078

Report Summary

Date Received: Dec 14, 2021

FCL Project Manager: William J. Rogers

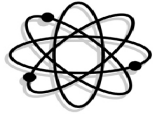
| Laboratory # | Sample Description | Analysis | Chemist | Location | SampleMatrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 493078SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW3 | FC 0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW8 | WR 5 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW9 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493078SW10 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
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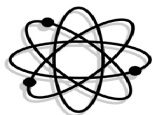
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 14, 2021
Dec 15, 2021; Invoice: 493078

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 493078SW1 | 12/14/21 08:03 AM | WR 2 | Fecal Coliform | 146 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW2 | 12/14/21 08:22 AM | WR 1 | Fecal Coliform | 75.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW3 | 12/14/21 08:38 AM | FC 0 | Fecal Coliform | 199 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW4 | 12/14/21 08:49 AM | FC 1 | Fecal Coliform | 259 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW5 | 12/14/21 09:04 AM | FC 2 | Fecal Coliform | 259 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW6 | 12/14/21 09:24 AM | WR 3 | Fecal Coliform | 301 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW7 | 12/14/21 10:03 AM | WR 4 | Fecal Coliform | 183 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |



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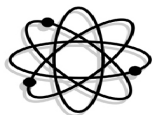
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 14, 2021
Dec 15, 2021; Invoice: 493078

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 493078SW8 | 12/14/21 10:29 AM | WR 5 | Fecal Coliform | 20.0 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW9 | 12/14/21 10:46 AM | WRT 1 | Fecal Coliform | 262 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |
| 493078SW10 | 12/14/21 11:03 AM | WRT 2 | Fecal Coliform | 1610 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485565 | COLILERT-18 | E761792 | 12/14/21 01:22 PM |



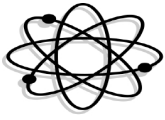
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 14, 2021
Dec 15, 2021; Invoice: 493078



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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 14, 2021
Dec 15, 2021; Invoice: 493078

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

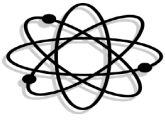
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |



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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 16, 2021
Dec 17, 2021; Invoice: 493433

Report Summary

Date Received: Dec 16, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 493433SW1 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493433SW2 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493433SW3 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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3998 Inner Perimeter Road
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PO #: n/a
Client Project #: LCI
Date Sampled: Dec 16, 2021
Dec 17, 2021; Invoice: 493433

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 493433SW1 | 12/16/21 10:49 AM | MC 1 | Fecal Coliform | 520 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485807 | COLILERT-18 | E761792 | 12/16/21 11:30 AM |
| 493433SW2 | 12/16/21 11:00 AM | MC 2 | Fecal Coliform | 238 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485807 | COLILERT-18 | E761792 | 12/16/21 11:30 AM |
| 493433SW3 | 12/16/21 11:23 AM | JG 2 | Fecal Coliform | 457 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10485807 | COLILERT-18 | E761792 | 12/16/21 11:30 AM |



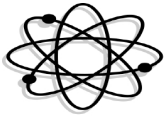
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PO #: n/a
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Date Sampled: Dec 16, 2021
Dec 17, 2021; Invoice: 493433

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

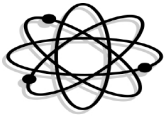
Quality Control

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Attachments

Chain of Custody

| Qualifier | Meaning |
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| U | Compound was analyzed for but not detected. |
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| L | Off-scale high; reported concentration exceeds the highest standard. |
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| P | Present |
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| B | Results based upon colony plate count outside ideal range. |
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 21, 2021
Dec 22, 2021; Invoice: 493788

Report Summary

Date Received: Dec 21, 2021

FCL Project Manager: William J. Rogers

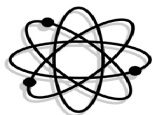
| Laboratory # | Sample Description | Analysis | Chemist | Location | SampleMatrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 493788SW1 | WR 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW2 | WR 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW3 | FC 0 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW4 | FC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW5 | FC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW6 | WR 3 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW7 | WR 4 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW8 | WR 5 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW9 | WRT 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493788SW10 | WRT 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



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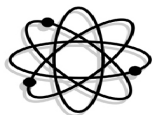
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3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 21, 2021
Dec 22, 2021; Invoice: 493788

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 493788SW1 | 12/21/21 07:51 AM | WR 2 | Fecal Coliform | 984 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW2 | 12/21/21 08:11 AM | WR 1 | Fecal Coliform | 650 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW3 | 12/21/21 08:28 AM | FC 0 | Fecal Coliform | 816 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW4 | 12/21/21 08:38 AM | FC 1 | Fecal Coliform | 780 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW5 | 12/21/21 08:52 AM | FC 2 | Fecal Coliform | 771 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW6 | 12/21/21 09:02 AM | WR 3 | Fecal Coliform | 717 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW7 | 12/21/21 09:23 AM | WR 4 | Fecal Coliform | 1520 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |



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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 21, 2021
Dec 22, 2021; Invoice: 493788

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|------------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 493788SW8 | 12/21/21 09:58 AM | WR 5 | Fecal Coliform | 226 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW9 | 12/21/21 10:17 AM | WRT 1 | Fecal Coliform | 959 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |
| 493788SW10 | 12/21/21 10:25 AM | WRT 2 | Fecal Coliform | 1110 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486313 | COLILERT-18 | E761792 | 12/21/21 12:00 AM |



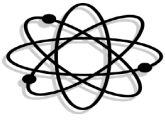
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PO #: n/a
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Date Sampled: Dec 21, 2021
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Narrative Report

Sample Handling

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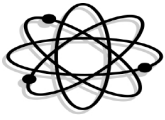
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Lovell Engineering Associates
3998 Inner Perimeter Road
Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 22, 2021
Dec 23, 2021; Invoice: 493923

Report Summary

Date Received: Dec 22, 2021

FCL Project Manager: William J. Rogers

| Laboratory # | Sample Description | Analysis | Chemist | Location | Sample Matrix |
|--------------|--------------------|-------------|---------|-----------|---------------|
| 493923SW1 | MC 1 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493923SW2 | MC 2 | COLILERT-18 | DTB | North Lab | Surface Water |
| 493923SW3 | JG 2 | COLILERT-18 | DTB | North Lab | Surface Water |

Certificate of Results

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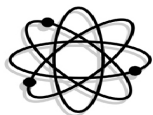
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Valdosta, GA 31602

PO #: n/a
Client Project #: LCI
Date Sampled: Dec 22, 2021
Dec 23, 2021; Invoice: 493923

Analysis Report

| Lab #: | Sampled: | Desc: | Parameter | Result | Units | DF | MDL | PQL | QC Batch | Method | CAS # | Analyzed |
|-----------|-------------------|-------|----------------|--------|-----------|------|------|------|----------|-------------|---------|-------------------|
| 493923SW1 | 12/22/21 07:46 AM | MC 1 | Fecal Coliform | 862 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486443 | COLILERT-18 | E761792 | 12/22/21 11:00 AM |
| 493923SW2 | 12/22/21 08:01 AM | MC 2 | Fecal Coliform | 573 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486443 | COLILERT-18 | E761792 | 12/22/21 11:00 AM |
| 493923SW3 | 12/22/21 08:25 AM | JG 2 | Fecal Coliform | 464 | mpn/100mL | 10.0 | 10.0 | 10.0 | 10486443 | COLILERT-18 | E761792 | 12/22/21 11:00 AM |



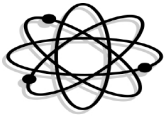
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Dec 23, 2021; Invoice: 493923

Narrative Report

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Quality Control

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Attachments

Chain of Custody

| Qualifier | Meaning |
|-----------|--|
| U | Compound was analyzed for but not detected. |
| J | Estimated value; one or more QC components associated with this data value exceed current QC limits. |
| Q | Sample held beyond the accepted holding time. |
| L | Off-scale high; reported concentration exceeds the highest standard. |
| V | Analyte was detected in both the sample and the associated method blank. |
| W | The dissolved oxygen blank was above 0.2 mg/L but less than the MDL. |
| Z | Too numerous to count colonies on plate. |
| A | Absent |
| P | Present |
| T | Value reported is less than the statistical method detection limit. Reported for informational purposes only. |
| M | Value reported is greater than the statistical method detection limit, but less than the reported MDL. |
| G | The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data. |
| S | The least of the dilutions performed did not yield sufficient oxygen residual for valid data. |
| O | Result is greater than (over) the specified value. |
| I | Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| B | Results based upon colony plate count outside ideal range. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |