

| Lyons Inf. Flow/Sample Data 2024 |           |            |            |                         |                | BOD     |
|----------------------------------|-----------|------------|------------|-------------------------|----------------|---------|
| Date                             | Day       | BOD (mg/L) | TSS (mg/L) | Average Flow Rate (GPM) | Inf Flow (MGD) | Lbs/day |
| 1/2/2024                         | Tuesday   | 510        | 570        | 74.9                    | 0.1079         | 458.94  |
| 1/9/2024                         | Tuesday   | 339        | 475        | 75.7                    | 0.1090         | 308.17  |
| 1/16/2024                        | Tuesday   | 888        | 638        | 84.7                    | 0.1220         | 903.52  |
| 1/25/2024                        | Thursday  | 1,371      | 1,225      | 69.3                    | 0.0998         | 1141.13 |
| 1/30/2024                        | Tuesday   | 609        | 644        | 69.1                    | 0.0995         | 505.37  |
| 2/6/2024                         | Tuesday   | 906        | 500        | 93.8                    | 0.1350         | 1020.07 |
| 2/13/2024                        | Tuesday   | 507        | 516        | 88.7                    | 0.1277         | 539.96  |
| 2/20/2024                        | Tuesday   | 582        | 494        | 89.5                    | 0.1289         | 625.67  |
| 2/27/2024                        | Tuesday   | 555        | 597        | 92.4                    | 0.1331         | 616.08  |
| 3/5/2024                         | Tuesday   | 422        | 518        | 91.5                    | 0.1317         | 463.52  |
| 3/11/2024                        | Monday    | 618        | 518        | 85.3                    | 0.1228         | 632.93  |
| 3/20/2024                        | Wednesday | 405        | 516        | 96.4                    | 0.1388         | 468.82  |
| 3/26/2024                        | Tuesday   | 374        | 331        | 84.4                    | 0.1215         | 378.98  |
| 4/2/2024                         | Tuesday   | 591        | 462        | 85.4                    | 0.1230         | 606.26  |
| 4/9/2024                         | Tuesday   | 606        | 741        | 76.9                    | 0.1108         | 559.99  |
| 4/16/2024                        | Tuesday   | 702        | 486        | 75.5                    | 0.1087         | 636.40  |
| 4/23/2024                        | Tuesday   | 723        | 358        | 76.9                    | 0.1107         | 667.50  |
| 4/30/2024                        | Tuesday   | 504        | 345        | 99.1                    | 0.1427         | 599.82  |
| 5/7/2024                         | Tuesday   | 459        | 375        | 102.8                   | 0.1480         | 566.55  |
| 5/14/2024                        | Tuesday   | 426        | 336        | 94.7                    | 0.1363         | 484.25  |
| 5/21/2024                        | Tuesday   | 666        | 527        | 103.7                   | 0.1493         | 829.28  |
| 5/28/2024                        | Tuesday   | 356        | 441        | 116.1                   | 0.1672         | 496.42  |
| 6/4/2024                         | Tuesday   | 543        | 706        | 107.8                   | 0.1553         | 703.29  |
| 6/11/2024                        | Tuesday   | 411        | 385        | 148.8                   | 0.2143         | 734.56  |
| 6/18/2024                        | Tuesday   | 432        | 306        | 134.7                   | 0.1939         | 698.60  |
| 6/25/2024                        | Tuesday   | 678        | 664        | 123.5                   | 0.1779         | 1005.94 |
| 7/1/2024                         | Monday    | 720        | 434        | 124.2                   | 0.1789         | 1074.26 |
| 7/9/2024                         | Tuesday   | 1,221      | 1,210      | 91.6                    | 0.1319         | 1343.16 |
| 7/16/2024                        | Tuesday   | 627        | 597        | 116.6                   | 0.1679         | 877.98  |
| 7/23/2024                        | Tuesday   | 325        | 403        | 107.8                   | 0.1553         | 420.94  |
| 7/30/2024                        | Tuesday   | 408        | 422        | 101.4                   | 0.1460         | 496.80  |
| 8/6/2024                         | Tuesday   | 507        | 419        | 98.3                    | 0.1415         | 598.32  |
| 8/13/2024                        | Tuesday   | 519        | 479        | 109.7                   | 0.1579         | 683.46  |
| 8/20/2024                        | Tuesday   | 322        | 506        | 94.4                    | 0.1360         | 365.23  |
| 8/27/2024                        | Tuesday   | 555        | 528        | 94.5                    | 0.1361         | 629.97  |
| 9/3/2024                         | Tuesday   | 399        | 431        | 99.6                    | 0.1434         | 477.19  |
| 9/10/2024                        | Tuesday   | 423        | 482        | 90.2                    | 0.1299         | 458.26  |
| 9/17/2024                        | Tuesday   | 305        | 403        | 87.0                    | 0.1253         | 318.73  |
| 9/24/2024                        | Tuesday   | 345        | 306        | 89.4                    | 0.1287         | 370.31  |
| 10/1/2024                        | Tuesday   | 344        | 377        | 96.5                    | 0.1390         | 398.79  |
| 10/8/2024                        | Tuesday   | 349        | 376        | 81.5                    | 0.1174         | 341.71  |
| 10/14/2024                       | Monday    | 65         | 56         | 79.0                    | 0.1137         | 61.64   |
| 10/22/2024                       | Tuesday   | 517        | 807        | 77.2                    | 0.1112         | 479.47  |
| 10/29/2024                       | Tuesday   | 442        | 632        | 76.7                    | 0.1105         | 407.33  |