

Charles River Watershed Association

Monthly Water Quality Sampling Data

Concentrations of *Escherichia coli* (*E. coli*) Bacteria (MPN/100 mL)

| Site # | Description | Town | River Mile | 1/15/19 | 2/12/2019 | 3/19/2019 | 4/23/2019 | 5/21/2019 | 6/18/2019 |
|--------|-------------------------------------|-----------------------------|------------|---------|-----------|-----------|-----------|-----------|-----------|
| 35CS | Central Street Bridge | Milford | 3.5 | 98 | 31 | 31 | 145 | | |
| 59CS | Mellen St. Bridge | Bellingham/Milford/Hopedale | 5.9 | 231 | 52 | 98 | 1050 | | 422 |
| 90CS | Rt. 126, N. Main St. | Bellingham | 9.0 | 20 | 52 | 30 | 395 | 171 | 109 |
| 130S | Maple St. Bridge | Bellingham | 12.9 | 20 | 31 | <10 | 285 | 74 | 197 |
| 165S | Shaw St./Elm St. Bridge | Franklin/Medway | 16.5 | <10 | 10 | 20 | 3080 | 216 | 288 |
| 199S | Populatic Pond Boat Launch | Norfolk | 19.9 | | | | 1200 | 145 | |
| 229S | Rt. 115, Baltimore St. | Millis | 22.9 | 882 | | 10 | 1790 | 52 | 86 |
| 267S | Dwight St. Bridge | Millis/Medfield | 26.7 | 880 | 213 | 20 | 794 | | 84 |
| 269T | Causeway St./Stop River | Medfield | 26.9 | 10 | <10 | 20 | 233 | 41 | 110 |
| 290S | West St./Dover Rd. | Millis/Medfield | 29.0 | 278 | 85 | <10 | 246 | 74 | 41 |
| 318S | Rt. 27 Bridge | Medfield/Sherborn | 31.8 | 135 | 52 | 10 | 218 | 131 | 121 |
| 343S | Farm Rd./Bridge St. | Sherborn/Dover | 34.3 | 85 | 30 | 20 | 145 | 31 | 31 |
| 387S | Elm Bank/Cheney Dr. Bridge | Wellesley/Dover | 37.8 | 41 | 41 | 10 | 487 | | 120 |
| 400S | Charles River Road Bridge | Dover/Needham | 40.0 | 122 | 20 | 10 | | 74 | |
| 447S | Dover Gage, Mill St. | Dover/Needham | 44.7 | 41 | 10 | 10 | 450 | 86 | 84 |
| 484S | Greendale Ave./Lyons St. Bridge | Dedham/Needham | 48.4 | | 52 | <10 | 601 | 52 | |
| 521S | Ames St. Bridge | Dedham | 52.1 | 20 | | 20 | 583 | 10 | 110 |
| 534S | Rt. 109 Bridge | Dedham/Boston | 53.4 | 52 | 10 | 31 | 733 | 52 | 110 |
| 567S | Nahanton Park | Newton/Needham | 56.7 | 52 | 20 | 10 | 1470 | 63 | 41 |
| 591S | Rt. 9 Gaging Station | Newton | 59.1 | 41 | 31 | 20 | 563 | 135 | 119 |
| 609S | Washington St. Hunnewell Bridge | Wellesley/Newton | 60.9 | 10 | 52 | <10 | 627 | 95 | 120 |
| 621S | Leo J. Martin Golf Course/Park Rd. | Weston/Newton | 62.1 | 63 | 63 | 20 | 586 | 183 | 98 |
| 635S | 2391 Commonwealth Ave. | Newton | 63.5 | | 20 | 31 | 457 | 146 | 173 |
| 648S | Auburndale Park, Lakes Region | Waltham | 64.8 | | | <10 | | 146 | |
| 662S | Moody St. Bridge | Waltham | 66.2 | 52 | 20 | 41 | | 110 | 31 |
| 675S | North St. Bridge | Waltham/Watertown/Newton | 67.6 | 63 | 10 | 20 | 631 | 300 | 84 |
| 012S | Watertown Dam Footbridge | Watertown | 69.3 | 63 | 52 | 63 | 545 | 317 | 243 |
| 700S | N. Beacon St. Bridge | Watertown/Brighton | 70.9 | 20 | 52 | 63 | 733 | 399 | 389 |
| 715S | Arsenal St. Bridge | Watertown/Brighton | 71.5 | 228 | | 52 | 882 | 295 | 426 |
| 729S | Eliot St. Bridge | Cambridge/Boston-Allston | 72.9 | 233 | 52 | 31 | 1160 | 384 | |
| 743S | Western Ave Bridge | Cambridge/Boston-Allston | 74.3 | | 74 | 187 | 1070 | 402 | 171 |
| 760T | Muddy River at Commonwealth Ave. | Boston | 76.0 | | 209 | 1720 | 5480 | 708 | 63 |
| 763S | Massachusetts Ave. (Harvard) Bridge | Boston/Cambridge | 76.3 | | 189 | 41 | 1210 | 216 | 74 |
| 773S | Longfellow Bridge | Cambridge/Boston | 77.3 | | 259 | 73 | 1620 | 52 | 31 |
| 784S | New Charles River Dam | Boston | 78.4 | | 218 | 158 | | 52 | 31 |

Rainfall At Logan International Airport (inches)

| | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|
| 3 Days Prior to Sampling | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 |
| 2 Days Prior to Sampling | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 1 Day Prior to Sampling | T | 0.00 | 0.00 | 2.30 | 0.13 | 0.00 |
| Day of Sampling | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.24 |
| Wet/Dry designation | DRY | DRY | DRY | WET | WET | WET |

Samples are analyzed at MWRA Central Laboratory