

Salem Sound Coastwatch

Clean Beaches & Streams

Water Monitoring Results Summer 2023

Salem Sound Coastwatch's Clean Beaches and Streams Program is an ongoing water quality monitoring program that collects data at low tide from prioritized, potential pollution sources/sites along Salem Sound's coastline, including outfall pipes, culverts, and small streams. Sites may change throughout the season. For more information, contact 978-741-7900.

Testing conducted specifically for water quality at bathing beaches is performed by each city/town Board of Health.

| 2023 Monitoring Results | SITE | DRY | DRY | WET | DRY | DRY | DRY | Dry Days |
|---|---------|--------|---------|--------|---------|--------|---------|----------------|
| Salem Sound Coastwatch Sampling Locations | | 6-7-23 | 6-21-23 | 7-5-23 | 7-19-23 | 8-3-23 | 8-17-23 | Geometric Mean |
| Marblehead | | | | | | | | |
| Grace Oliver | 700 | 187 | 309 | 3,255 | 959 | 859 | 416 | 456 |
| Riverhead Beach | 701 | ~ | 428 | 1160 | 865 | 987 | 857 | 748 |
| Village St Pier | 721 | 393 | 52 | 171 | 298 | 165 | 134 | 168 |
| Stramski Beach | 722 | 285 | 135 | 845 | 2,613 | 748 | 364 | 487 |
| Red Steps (MH) | 735 | 4,352 | 4,352 | 631 | 602 | 316 | 420 | 1086 |
| Salem | | | | | | | | |
| Collins Cove | 525 | 190 | 233 | 6,488 | 9,606 | 759 | 567 | 712 |
| North River Franklin & Foster St (outfall pipe) | 532 | 109 | 41 | 2,977 | 1,439 | 12,033 | 5,475 | 842 |
| North River at Furlong Park (underground) | 532-W | 145 | 291 | ~ | 63 | 820 | 216 | 216 |
| Juniper Beach | 620 | 171 | 278 | 474 | 450 | 538 | 1,895 | 465 |
| Steps Beach | 621 | ~ | ~ | 520 | 298 | ~ | 103 | 150 |
| Shetland Park (New Salem) | 629-SP | 24,196 | 933 | 5,475 | 1,576 | 1,530 | 1,187 | 2302 |
| Beverly | | | | | | | | |
| East End Brackenbury Beach (Stream) | 213 | 496 | 350 | 383 | 3,282 | 504 | 368 | 638 |
| West End Brackenbury Beach (outfall pipe) | 222 | ~ | ~ | 3,076 | 983 | 14,834 | 4,611 | 4066 |
| Rice's Beach | 214 | 449 | ~ | 631 | 585 | 583 | 414 | 502 |
| Dane St Beach and Lawrence Brook | 321 | 1,234 | 231 | 119 | 723 | 545 | 364 | 528 |
| Dane St Beach Outfall Pipe to East | 323 | ~ | ~ | ~ | 399 | ~ | 134 | 231 |
| Water St Boat Ramp | 321-S | ~ | ~ | ~ | ~ | ~ | ~ | ~ |
| Danvers | | | | | | | | |
| Frost Fish Brook at Poplar St | 400 | 399 | 631 | 882 | 2,400 | 913 | 657 | 816 |
| Waters River at Sylvan St | 404 | ~ | ~ | ~ | 6,893 | 1,783 | 298 | 1541 |
| Crane River at Ash St | 405 | 583 | 373 | 538 | ~ | ~ | ~ | 466 |
| Magnolia | | | | | | | | |
| Gray Beach 63 Shore Dr 12" pipe | 001 | <10 | <10 | ~ | ~ | ~ | ~ | ~ |
| Gray Beach 63 Shore Dr 4" pipe | 002 | <10 | <10 | ~ | ~ | ~ | ~ | ~ |
| Manchester | | | | | | | | |
| Black Beach off 127 | 161 | 368 | 246 | 1,010 | 5,794 | 1,081 | 933 | 880 |
| Wolf Trap Estuary from bridge | 161-E | 1,223 | 238 | 4,611 | 6,867 | 2,613 | 359 | 1134 |
| Wolf Trap Estuary from marsh | 161-M | 1,935 | 399 | 12,098 | 1,160 | 823 | 459 | 805 |
| Wolf Trap Estuary - West upper marsh | 161-WUM | ~ | ~ | ~ | 1,918 | 2,310 | 243 | 1025 |
| Wolf Trap Estuary - East upper marsh | 161-EUM | ~ | ~ | ~ | 1,572 | 404 | 332 | 595 |

Times with ** were taken outside the two hour window of sampling at low tide

Numbers in bold exceed Class A, B, and C Standards as specified by EPA (823-R-03-008): Enterococci >104 100 CFL/mL

Weather Ratings:

Dry less than 0.2" the day of sampling or less than 0.5" within 3 days preceding sampling

Wet greater than 0.2" the day of sampling or less than 0.5" within 3 days preceding sampling