

Salem Sound Coastwatch

Clean Beaches & Streams

Water Monitoring Results Summer 2010

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.

2010 Monitoring Results	SITE	DRY	DRY	WET	DRY	WET	WET	Dry Days
Salem Sound Coastwatch Sampling Locations		6-15-10	6-29-10	7-13-10	7-27-10	8-10-10	8-24-10	Geometric Mean
Manchester								
Wolf Trap Estuary- Downstream of Ocean St. at B	161	NS	2,010	4,100	990	10,500	2,050	1,411
Wolf Trap Estuary - East side from wooden bridge	161E	NS	1,180	4,400	2,500	3,450	2,480	1,718
Wolf Trap Brook - Downstream of Rt. 127	160D	NS	121	470	4,400	1,210	1,270	730
Beverly								
Centerville Brook - South of Hale Street	213E	146	345	1,600	3,100	4,880	857	538
Patch Beach - Brackenbury Lane	213	216	269	990	560	2,050	4,110	319
Rice Beach - Stream outlet on beach	214	110	295	1,900	NS	2,050	NS	180
Dane St. Beach - Lawrence Brook at beach	321	275	122	340	2,300	2,200	613	426
Dane St. Beach - Easterly storm drain on beach	322	243	63	330	190	3,650	884	143
Salem								
North River - Upstream of Rt. 114 overpass, Comr	537	1,260	448	2,700	170	2,100	388	458
North River - Commercial Way near foot bridge	559	620	405	4,900	16,000	6,590	5,480	1,590
Juniper Beach - Storm drain on beach	620	3,450	24,200	24,000	1,100	24,200	2,760	4,512
Derby Wharf - Storm drain	630	1,150	1,470	3,700	3,500	24,200	3,210	1,809
Palmer Cove - Storm drain below Palmer Cove Playground	631	24,000	14,100	2,400	100	1,400	3,870	3,235
Marblehead								
Dolliber Cove Creek - Grace Oliver Beach	700	275	305	960	350	890	1,180	308
Riverhead Beach Culvert - facing on right	701B	1,070	882	1,100	220	2,840	1,870	592
Stramski Beach-Stream draining across beach	722	602	448	1,900	1,100	14,100	2,250	667

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