

Salem Sound Coastwatch *Clean Beaches and Streams*

Water Monitoring Results

SUMMER 2011 DATE: August 16, 2011

Samples Collected by Salem Sound Coastwatch staff and volunteers: Barbara Warren (SS-BW), Cheyenne Azadan (SS-CA)

Zoemma Warshafsky (SS-ZW), James Tierney (SS-JT), Megan Warde (SS-MW), Gary Moore (SS-GM), Monica Gardner (SS-MG)

Bob Solda (SS-BS), Tricia Curley (SS-TC)

MSCT: Francie Caudill, Carolyn Kelly, Patti Mitchell, Joan Nesbit, Lynn Atkinson, Susan Purser, Pat Doran

Weather Rating: WET

Low Tide: 7:25 AM

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 Barbara Warren at 978-741-7900.

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

Salem Sound Coastwatch Sampling Sites by Community	Site Number	Time of Sampling (am)	Flow	Salinity	Sample Collected	Enterococci per 100 mL	Lab
Manchester							
Wolf Trap Estuary- Downstream of Ocean St. at Black Beach	161	8:05	Flow	8	MCST	6,490	Bio
Wolf Trap Estuary - East side from wooden bridge in marsh	161E	8:18	Flow	2	MCST	2,250	Bio
Wolf Trap Brook - Downstream of Rt. 127	160D	8:25	T	0	MCST	860	Bio
Beverly							
Patch Beach - Brackenbury Lane	213	7:45	Flow	0	SS-BW	17,300	Bio
Rice Beach - Stream outlet on beach	214	7:30	Flow	5	SS-BW	1,850	Bio
Dane St. Beach - Lawrence Street brook at beach	321	7:10	Flow	0	SS-BW	1,620	Bio
Dane St. Beach - Easterly storm drain at beach	322	7:20	Flow	9	SS-BW	292	Bio
Danvers							
Porter River at Rt. 62 and Holten-Richmond School	400	8:15	Flow	0	SS-BW	2,490	Bio
Porter River Rt. 35 - dock at Popes Landing	422	8:25	Flow	15	SS-BW	3,260	Bio
Porter River culvert at Sandy Beach	430	8:30	T	0	SS-BW	5,790	Bio
Salem							
North River - Upstream of Rt. 114 overpass, Commercial Way	537	7:13	Flow		SS-GM	906	Bio
North River - Commercial Way near foot bridge	559	7:06	Flow		SS-GM	1,880	Bio
Juniper Beach - Storm drain on beach	620	6:30	Flow		SS-BS	3,090	Bio
Derby Wharf - Storm drain	630	7:21	Flow		SS-GM	15,500	Bio
Palmer Cove - Storm drain below Palmer Cove Playground	631	7:25	Flow	20	SS-JT	24,200	Bio
Marblehead							
Dolliber Cove Creek - Grace Oliver Beach	700	8:08	Flow	0	SS-ZW	3,080	Bio
Riverhead Beach Culvert - Facing on right	701B	8:23	Flow	5	SS-ZW	959	Bio
Stramski Beach - Stream before entering the beach	722	NS				NS	Bio

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

Notes: NS = no sample collected ND = no detect (<4 CFU/100mL) NA = parameter not analyzed

Weather ratings:

Dry - Less than 0.2" the day of sampling or less than 0.5" within three days preceding sampling

Wet - More than 0.2" the day of sampling or more than 0.5" within three days preceding sampling

Lab abbreviation: Bio = Biomarine Inc.

Flow ratings:

N = no water

S = some water which is stagnant

T = trickling flow

F = steady, continuous flow

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