

# Salem Sound Coastwatch *Clean Beaches and Streams*

## Water Monitoring Results

Summer 2005

**Date of Sample Collection: 05/24/05**

**Report Issue Date: 05/27/05**

**Samples Collected by Salem Sound Coastwatch staff and volunteers:** Barbara Warren (SS-BW), Gary Moore (SS-GM), Richard Sides (SS-RS), Mary Katz (SS-MK), Joan McIntyre (SS-JM), Francie Caudill (SS-FC), Kathy Martin (SS-KM), Susan Marsh (SS-SM), Marilyn McCrory (SS-MM), Robert Solda (SS-RS), Linda Sneddon-Price (SS-SP)

**Weather Rating: WET**

**Low Tide: 6:17 AM**

*Salem Sound Coastwatch's Clean Beaches and Streams Program is an ongoing water quality monitoring program that collects data 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	Flow	Sample Collected by	Enterococci per 100 mL	Lab
<b>Marblehead</b>						
Stramski Beach-Stream draining across beach	722	7:59	F	SS-JM	<b>364</b>	EPA
Stramski Way-Dodge Road drainage	722A	7:54	F	SS-JM	<b>587</b>	EPA
Stramski Way-Pitman Street drainage	722B	7:38	F	SS-JM	<b>1,664</b>	EPA
Dolliber Cove Creek - Grace Oliver Beach	700	7:15	T	SS-KM	<b>6,270</b>	EPA
Riverhead Beach Culvert - facing on left	701A	7:21	F	SS-RS	<b>933</b>	EPA
Riverhead Beach Culvert - facing on right	701B	7:20	F	SS-RS	<b>953</b>	EPA
<b>Beverly</b>						
Dane St. Beach - western storm drain at beach	322	7:45	F	SS-MM	<b>1,041</b>	EPA
Dane St. Beach - Lawrence Street brook at beach	321	7:30	F	SS-MM	<b>193</b>	EPA
Rice Beach - stream outfall onto beach	214	7:25	F	SS-SP, SS-BW	<b>373</b>	EPA
Rice Beach - stream draining from under shed	214A	7:28	F	SS-SP, SS-BW	<b>165</b>	EPA
Brackenbury Beach - stream from 4' x 4' Culvert	213	7:55	F	SS-SP, SS-BW	<b>116</b>	EPA
Brackenbury Beach - concrete culvert to the east (18" dia.)	213A	8:00	F	SS-SP, SS-BW	<b>48</b>	EPA
Brackenbury Beach - storm drain 100 ft west of road	222	7:50	F	SS-SP, SS-BW	<b>229</b>	EPA
<b>Salem</b>						
North River - upstream of Rt. 114 overpass, Commercial Way	537	8:01	F	SS-GM	<b>2,460</b>	EPA
North River - Commercial Way near foot bridge	559	7:59	F	SS-GM	<b>38,730</b>	EPA
Juniper Beach - storm drain on beach	620	6:38	F	SS-SM	<b>4,100</b>	EPA
Palmer Cove - storm drain at Shetland Park	629	6:57	F	SS-RS	<b>825</b>	EPA
Derby Wharf - storm drain	630	7:53	F	SS-GM	<b>32,700</b>	EPA
Palmer Cove - storm drain below Palmer Cove Playground	631	7:25	F	SS-MK	<b>34</b>	EPA
Willow Ave. Beach	642	7:40	F	SS-MK	<b>51,720</b>	EPA
<b>Manchester</b>						
Bennett's Brook (at Bennett Street)	149			ns		EPA
Coolidge Point - Black Beach	151	8:10	F	SS-FC, SS-BF	<b>140</b>	EPA
<b>Quality Assurance/Quality Control</b>						
Duplicate Sample collected	213-dupe	7:56	F	SS-SP, SS-BW	<b>116</b>	EPA

**\*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 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:** EPA = US Environmental Protection Agency, Office of Environmental Measurement and Evaluation; Region 1 - New England Laboratory using Enterolert with Idexx Quanti-try

**Flow ratings:**

- N = no water
- S = some water which is stagnant
- T = trickling flow
- F = steady, continuous flow