

# Salem Sound Coastwatch *Clean Beaches and Streams*

## Water Monitoring Results

Summer 2005

Date of Sample Collection: 07/05/05

Final Report Issue Date: 07/08/05

Samples Collected by Salem Sound Coastwatch staff and volunteers: Barbara Warren (SS-BW), Gary Moore (SS-GM), Mary Katz (SS-MK), Joan McIntyre (SS-JM), Francie Caudill (SS-FC), Susan Marsh (SS-SM), Marilyn McCrory (SS-MM), Robert Solda (SS-RS), Linda Sneddon-Price (SS-SP), Bill Fusco (SS-BF), Jenna Ide (SS-JI)

Weather Rating: DRY

Low Tide: 5:24 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	Flow	Sample Collected by	Enterococci per 100 mL	Lab
<b>Marblehead</b>						
Stramski Beach-Stream draining across beach	722	7:40	F	SS-JM	<b>195</b>	EPA
Stramski Way-Dodge Road drainage	722A	7:25	T	SS-JM	<b>1,350</b>	EPA
Stramski Way-Pitman Street drainage	722B	7:15	F	SS-JM	100	EPA
Dolliber Cove Creek - Grace Oliver Beach	700	6:35	T	SS-BW	<b>174</b>	EPA
Riverhead Beach Culvert - facing on left	701A	NS	NS	NS	NS	
Riverhead Beach Culvert - facing on right	701B	NS	NS	NS	NS	
Preston Beach	800	6:22	T	SS-BW	100	EPA
<b>Beverly</b>						
Dane St. Beach - western storm drain at beach	322	7:05	T	SS-MM	25	EPA
Dane St. Beach - Lawrence Street brook at beach	321	6:55	F	SS-MM	34	EPA
Rice Beach - stream outfall onto beach	214	6:35	S	SS-JI	89	EPA
Rice Beach - stream draining from under shed	214A	6:30	T	SS-JI	44	EPA
Brackenbury Beach - stream from 4' x 4' Culvert	213	7:05	F	SS-SP	<b>168</b>	EPA
Brackenbury Beach - concrete culvert to the east (18" dia.)	213A	7:10	F	SS-SP	<b>672</b>	EPA
Brackenbury Beach - storm drain 100 ft west of road	222	7:00	F	SS-SP	77	EPA
Wilson street- beach seepage below rusted steal upright	350s	NS	NS	NS	NS	
<b>Salem</b>						
North River - upstream of Rt. 114 overpass, Commercial Way	537	6:40	T	SS-GM	<b>839</b>	EPA
North River - Commercial Way near foot bridge	559	6:48	T	SS-GM	30	EPA
Juniper Beach - storm drain on beach	620	6:20	F	SS-SM	<b>8,390</b>	EPA
Palmer Cove - storm drain at Shetland Park	629	6:50	F	SS-RS	<b>1,230</b>	EPA
Derby Wharf - storm drain	630	6:54	T	SS-GM	<b>744</b>	EPA
Palmer Cove - storm drain below Palmer Cove Playground	631	6:25	F	SS-MK	4	EPA
Willow Ave. Beach	642	6:40	F	SS-MK	<b>6,240</b>	EPA
<b>Manchester</b>						
Bennett's Brook (at Bennett Street)	149	6:45	T	SS-BF	<b>163</b>	EPA
Coolidge Point - Black Beach	151	7:10	F	SS-FC	54	EPA
<b>Quality Assurance/Quality Control</b>						
Duplicate Sample collected	642-dupe	6:49	T	SS-BW	<b>3,266</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 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: 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