

Salem Sound Coastwatch *Clean Beaches and Streams*

Water Monitoring Results

Summer 2005

Date of Sample Collection: 06/07/05

Report Issue Date: 06/13/05

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), Rob Gough (SS-RG), Chris Bash (SS-CB), Bill Fusco (SS-BF)

Weather Rating: DRY

Low Tide: 6:24 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
Marblehead						
Stramski Beach-Stream draining across beach	722	7:18	F	SS-JM	75	EPA
Stramski Way-Dodge Road drainage	722A	6:59	S	SS-JM	91	EPA
Stramski Way-Pitman Street drainage	722B	7:13	F	SS-JM	ND	EPA
Dolliber Cove Creek - Grace Oliver Beach	700	7:10	F	SS-KM	97	EPA
Riverhead Beach Culvert - facing on left	701A	6:15	F	SS-RG	124	EPA
Riverhead Beach Culvert - facing on right	701B	6:15	F	SS-RG	81	EPA
Beverly						
Dane St. Beach - western storm drain at beach	322	7:18	T	SS-MM	4	EPA
Dane St. Beach - Lawrence Street brook at beach	321	7:08	F	SS-MM	117	EPA
Rice Beach - stream outfall onto beach	214	6:15	F	SS-SP	54	EPA
Rice Beach - stream draining from under shed	214A	6:20	F	SS-SP	860	EPA
Brackenbury Beach - stream from 4' x 4' Culvert	213	6:45	F	SS-SP	344	EPA
Brackenbury Beach - concrete culvert to the east (18" dia.)	213A	6:42	F	SS-SP	21	EPA
Brackenbury Beach - storm drain 100 ft west of road	222	6:47	F	SS-SP	600	EPA
Salem						
North River - upstream of Rt. 114 overpass, Commercial Way	537	7:02	T	SS-GM	229	EPA
North River - Commercial Way near foot bridge	559	7:07	T	SS-GM	21	EPA
Juniper Beach - storm drain on beach	620	7:20	F	SS-CB	198,630	EPA
Palmer Cove - storm drain at Shetland Park	629	7:20	F	SS-RS	558	EPA
Derby Wharf - storm drain	630	7:16	T	SS-GM	510	EPA
Palmer Cove - storm drain below Palmer Cove Playground	631	6:20	F	SS-MK	8	EPA
Willow Ave. Beach	642	6:30	F	SS-MK	215	EPA
Manchester						
Bennett's Brook (at Bennett Street)	149	7:30	F	SS-BF	12	EPA
Coolidge Point - Black Beach	151	8:00	F	SS-FC	48	EPA
Quality Assurance/Quality Control						
Duplicate Sample collected	701A-dupe	6:15	F	SS-RG	70	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