

Salem Sound Coastwatch *Clean Beaches and Streams*

Water Monitoring Results

Summer 2003

Date of Sample Collection: 6/17/03

Report Issue Date: 6/20/02

Samples Collected by Salem Sound Coastwatch staff and volunteers: Mary Reilly (SS-MR), Christina and Teegan Bash (SS-CB), Jim Seavey (SS-JS), Marilyn McCrory (SS-MM), Joan McIntyre (SS-JM), Mary Ellen Sullivan (SS-MS), Stephanie Raby (SS-SR), Daniel Noon (SS-DN)

Weather Rating: Dry

Low Tide: 8:14 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 Mary Reilly 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	Sample Collected by	Fecal coliform per 100 mL	Enterococci per 100 mL	Lab
Marblehead						
Riverhead Beach-Large storm drain at boat landing	701	9:14	SS-JM	1,200	1,500	BIO
Village Street Landing - storm drain	721	ns	ns	ns	ns	ns
Stramski Beach-Stream draining across beach	722	8:44	SS-JM	100	300	BIO
Beverly						
Dane Street Beach						
Northern storm drain at beach	322	8:46	SS-MM	<100	<100	BIO
Lawrence Street brook at beach	321	8:56	SS-MM	100	400	BIO
Rice Beach-Stream draining across beach	214	8:24	SS-MM	700	500	BIO
Mingo Beach-Storm drain at beach	212	ns	ns	ns	ns	ns
Brackenberry Beach-Stream draining across beach	213	7:04	SS-JS	2,700	400	BIO
Southwestern storm drain at beach	222	6:58	SS-JS	100	<100	BIO
Danvers						
Eden Glen Ave. Creek	491a	ns	ns	ns	ns	ns
Eden Glen Ave. Pipe	491b	9:00	SS-MR	100	<100	BIO
Waters River (at Route 35)	403	8:37	SS-DN	100	100	BIO
Salem						
Juniper Beach-Storm drain on beach	620	8:35	SS-CB	27,000	700	BIO
Collins Cove - storm drain below Collins Cove Park	525	8:25	SS-CB	ns	ns	BIO
Pickman Park-Pickman River at low tide	646	10:00	SS-SR	<100	<100	BIO
Palmer Cove-Storm drain below Palmer Cove Playground	631	9:02	SS-DN	1,000	800	BIO
Willow Avenue Beach-Storm drain on beach	642	9:50	SS-SR	100	<100	BIO
North River (at Howley St.)	500	9:45	SS-MS	400	<100	BIO
North River (at Rte. 114)	501	9:30	SS-MS	31,000	400	BIO
Manchester						
Sawmill Brook (at Lincoln St.)	152	ns	ns	ns	ns	ns
Storm drain to Sawmill Brook at the High School	127	11:30	SS-MR	100	300	BIO
Bennett's Brook (at Bennett Street)	149	11:00	SS-MR	<100	<100	BIO
Quality Assurance/Quality Control						
Duplicate Sample collected	ns	ns	ns	ns	ns	ns
Blank sample	0	8:45	SS-MR	0	0	BIO

*Numbers in bold exceed Class A, B and C standards as specified by the EPA (EPA-823-R-03-008):

fecal coliform > 200 CFU/100mL, 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 abbreviations: Bio = Biomarine, Inc. in Gloucester (membrane filtration method 9222d)

DMF = Division of Marine Fisheries Bacteriological Lab in Gloucester (MPN method)