

Salem Sound Coastwatch *Clean Beaches and Streams*

Water Monitoring Results

Summer 2004

Date of Sample Collection: 06/22/04

Report Issue Date: 06/24/04

Samples Collected by Salem Sound Coastwatch Staff and Volunteers: Mary Reilly (SS-MR), Barbara Warren (SS-BW), Gary Moore (SS-GM), Daniel Noon (SS-DN), Joan McIntyre (SS-JM), Francie Caudill (SS-FC), Cindy Keegan (SS-CK), Mike Swiniarski (SS-MS), Kathy Martin (SS-KM), Susan Marsh (SS-SM), Marilyn McCrory (SS-MM), Sara Sheridan (SS-SS), Robert Solda (SS-RS)

Weather Rating: DRY

Low Tide: 9:13am

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 or 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	Flow	Sample Collected by	Fecal coliform per 100 mL	Enterococci per 100 mL	Lab
Marblehead							
Stramski Beach-Stream draining across beach	722	8:50	T	JM	ns	700	BIO
Stramski Way-near pkg lot after playground	722a	8:55	S	JM	ns	1,400	BIO
Stramski Way-near field	722b	9:20	F	MS/MR	ns	900	BIO
Hawthorne Rd.-end of street	750a	9:35	F	MS/MR	ns	<100	BIO
Hawthorne Pond	750b	8:40	T	KM/MR	ns	<100	BIO
Beverly							
Dane St. Beach-Northern storm drain at beach	322	7:45	T	MM	ns	100	BIO
Lawrence Street brook at beach	321	7:35	F	MM	ns	100	BIO
Rice Beach-Stream draining across beach	214	7:45	T	CK	ns	200	BIO
Brackenberry Beach-Stream draining across beach	213	8:05	F	CK	ns	700	BIO
Northern storm drain at beach	213a	8:10	T	CK	ns	3,300	BIO
SW storm drain at beach	222	8:00	T	CK	ns	500	BIO
Danvers							
Holton-Richmond School-field	400a	8:46	T	DN	ns	1,400	BIO
Bunky's Marina-Porter River	401a	9:05	F	DN	ns	100	BIO
Sandy Beach outfall pipe	430	9:30	T	DN	ns	1,600	BIO
Eden Glen Road	491b	7:56	ns	RS	ns	100	BIO
Salem							
Juniper Beach-storm drain on beach	620	7:30	F	SM	47,000	900	BIO
Palmer Cove-storm drain at Shetland Park	629	7:28	S	JS	ns	1,300	BIO
Palmer Cove-storm drain below Palmer Cove Playground	631	7:40	F	JS	ns	<100	BIO
Willows Pier	546	7:25	N	SM	ns	ns	ns
North River-south side, capped outfall	557	8:17	T	GM/SS/BW	ns	<100	BIO
North River-north side, open culvert	537	8:25	T	GM/SS/BW	ns	900	BIO
Derby Wharf	630	8:39	T	GM/SS/BW	ns	400	BIO
Pioneer Village	634	9:07	S	GM/SS/BW	ns	500	BIO
Manchester							
Bennett's Brook (at Bennett Street)	149	7:15	F	FC	ns	200	BIO
Raymond St.	150	7:30	F	FC	ns	100	BIO
Quality Assurance/Quality Control							
Duplicate Sample collected	ns	ns	ns	ns	ns	ns	ns
Blank sample	ns	ns	ns	ns	ns	ns	ns

*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)

Flow ratings:

N = no water

S = some water which is stagnant

T = trickling flow

F = significant flow