

# Salem Sound Coastwatch *Clean Beaches and Streams*

## Water Monitoring Results

Summer 2006

Date of Sample Collection: 07/11/06

Report Issue Date: 07/14/06

Samples Collected by Salem Sound Coastwatch staff and volunteers: Barbara Warren (SS-BW), Susan Yochelson (SS-SY),  
Mary Katz (SS-MK), Joan McIntyre (SS-JM), Francie Caudill (SS-FC), Kathy Martin (SS-KM)  
Susan Marsh (SS-SM), Marilyn McCrory (SS-MM), Frank Saunders (SS-FS), Eric Hacker (SS-EH),  
Christine Downs (SS-CD), Kelly Story (SS-KS), Gary Moore (SS-GM)

Weather Rating: DRY

Low Tide: 6:03 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>Manchester</b>						
Coolidge Point - Black Beach	151	6:35	F	SS-FS	<b>839</b>	EPA
Black Beach - Wolf Trap estuary	160	7:00	F	SS-FC	<b>5,654</b>	EPA
Wolf Trap upstream	161	7:10	T	SS-FC	96	EPA
<b>Beverly</b>						
Brackenbury Beach - stream from 4' x 4' Culvert	213	6:30	F	SS-EH	<b>3,080</b>	EPA
Brackenbury Beach - concrete culvert to the east (18" dia.)	213A	6:18	F	SS-EH	<b>960</b>	EPA
Brackenbury Beach - storm drain 100 ft west of road	222	6:39	F	SS-EH	85	EPA
Dane St. Beach - Lawrence Street brook at beach	321	6:13	F	SS-MM	39	EPA
Dane St. Beach - easterly storm drain at beach	322	6:20	T	SS-MM	21	EPA
Dane St. Beach - western storm drain at beach	323	6:27	F	SS-MM	ND	EPA
<b>Danvers</b>						
Porter River at Rt. 62 and Holten-Richmond School	400	6:45	F	SS-CD/BW	<b>2,747</b>	EPA
Crane River - seepage from under retaining wall	432A	6:32	F	SS-CD/BW	34	EPA
<b>Peabody</b>						
North River - downstream of Howley Street Bridge	500	6:42	F	SS-GM	<b>384</b>	EPA
<b>Salem</b>						
North River - upstream of Rt. 114 overpass, Commercial Way	537	6:55	T	SS-GM	<b>&gt;9678</b>	EPA
North River - Commercial Way near foot bridge	559	6:52	F	SS-GM	<b>114</b>	EPA
Juniper Beach - storm drain on beach	620	9:00	F	SS-BW	<b>156</b>	EPA
Derby Wharf - storm drain	630	7:04	T	SS-GM	<b>92,080</b>	EPA
Palmer Cove - storm drain below Palmer Cove Playground	631	6:00	F	SS-MK	12	EPA
Willow Ave. Beach	642	6:15	F	SS-MK	<b>2,380</b>	EPA
<b>Marblehead</b>						
Dolliber Cove Creek - Grace Oliver Beach	700	6:25	F	SS-KM	<b>242</b>	EPA
Riverhead Beach Culvert - facing on left	701A	7:35	F	SS-KS	<b>714</b>	EPA
Riverhead Beach Culvert - facing on right	701B	7:39	F	SS-KS	<b>1,102</b>	EPA
Stramski Beach-Stream draining across beach	722	8:00	F	SS-JM	<b>1,379</b>	EPA
Stramski Way-Dodge Road drainage	722A	7:45	S	SS-JM	43	EPA
Stramski Way-Pitman Street drainage	722B	7:35	F	SS-JM	4	EPA
<b>Quality Assurance/Quality Control</b>						
Duplicate Sample collected	722D	8:02	F	SS-JM	<b>1,187</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