

Salem Sound Coastwatch

Clean Beaches & Streams

Water Monitoring Results Summer 2004

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 978-741-7900.

Testing conducted specifically for water quality at bathing beaches is performed by each city/town Board of Health.

2004 Monitoring Results	SITE	DRY	DRY	DRY	DRY	DRY	WET	WET	DRY	Dry Days
Salem Sound Coastwatch Sampling Locations		6-8-04	6-22-04	7-6-04	7-20-04	8-3-04	8-17-04	8-31-04	9-14-04	Geomteric Mean
Salem										
North River - outfall upstream of Rt. 114 overpass, Commercial Street	537	400	900	1,100	100	400	300	3,800	1,000	605
North River - outfall off Commercial Street near foot bridge	559	ns	ns	ns	1,600	700	500	13,000	600	1,343
Juniper Beach - outfall on beach	620	600	900	17,000	200	9,400	600	100,000	69,000	4,043
Palmer Cove - outfall at Shetland Park	629	2,100	1,300	1,100	1,500	400	400	15,000	2,000	1,468
Derby Wharf - outfall	630	ns	400	ns	300	100	500	12,000	1,400	682
Palmer Cove - outfall below Palmer Cove Playground	631	100	100	100	100	35,000	300	20,000	800	600
Willow Ave. Beach - outfall	642	ns	ns	ns	100	4,000	1,800	14,000	8,000	2,406
Pioneer Village	634	ns	500	ns	ns	ns	ns	ns	ns	500

Times with ** were taken outside the two hour window of sampling at low tide

Numbers in bold exceed Class A, B, and C Standards as specified by EPA (823-R-03-008): Enterococci >104 100 CFL/mL

Weather Ratings:

Dry less than 0.2" the day of sampling or less than 0.5" within 3 days preceding sampling

Wet greater than 0.2" the day of sampling or less than 0.5" within 3 days preceding sampling