

Salem Sound Coastwatch

Clean Beaches & Streams

Water Monitoring Results Summer 2005

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.

2005 Monitoring Results	SITE	WET	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	Dry Days
Salem Sound Coastwatch Sampling Locations		5-24-05	6-7-05	6-21-05	7-5-05	7-26-05	8-9-05	8-23-05	9-6-05	9-20-05		Geometric Mean
Salem												
North River - outfall upstream of Rt. 114 overpass, Commercial Street	537	2,460	229	2,318	839	9,678	8,664	9,678	5,654	9,678		3444
North River - outfall off Commercial Street near foot bridge	559	38,730	21	127	30	263	507	826	352	5,654		254
Juniper Beach - outfall on beach	620	4,100	198,630	81,640	8,390	30,760	4,814	14,210	126	9,678		11691
Palmer Cove - outfall at Shetland Park	629	825	558	1,730	1,230	405	468	3,266	1,954	1,741		1121
Derby Wharf - outfall	630	32,700	510	475	744	1,549	9,678	2,747	395	471		1041
Palmer Cove - outfall below Palmer Cove	631	34	8	8	4	8	12	4,480	86	30		27
Willow Ave. Beach - outfall	642	51,720	215	3,300	6,240	373	24,196	1,642	334	9,678		1953

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