

## Constitution Beach, East Boston Bacteria Counts

Spreadsheets are updated weekly if not sooner.

Displayed are *Enterococcus* counts. The maximum daily limit is **104** counts/100 mL.

A swimming advisory is declared by the DCR for the following day if:

- counts exceed 104 counts/100 mL limit at two or more locations;
- OR if daily rainfall exceeds 1 inch;
- OR if the 5-day running geometric mean exceeds 35 counts/100 mL (geometric mean of the previous 5 days' samples).

Daily rainfall totals from Logan Airport, National Weather Service raingauge

All results are in counts/100 mL and testing is performed by DCR.

Swimming advisories will be issued due to either high *Enterococcus* counts or heavy rainfall.

**Weekly sampling by DCR began May 26, 2011 and ended September 4, 2011. Daily sampling began on June 23, 2011.**

	Daily Rainfall (in.)	North Site	Middle Site	Recreation Ctr.	
May 26, 2011	0	<2	2	6	
June 2, 2011	0	12	8	8	
June 9, 2011	0.51	12	10	17	
June 16, 2011	0	2	2	<2	
June 23, 2011	0.17*	1230	1400	1100	*1.8 inches of rain fell on 6/22, before daily sampling began.
June 24, 2011	0.01	269	292	323	
June 25, 2011	0.27	30	<10	10	
June 26, 2011	Trace	201	243	121	
June 27, 2011	0	<10	<10	<10	
June 28, 2011	0	95	10	10	
June 29, 2011	0.18	10	31	<10	
June 30, 2011	0	32	75	438	
July 1, 2011	0	<2	<2	4	
July 2, 2011	0	<10	<10	<10	
July 3, 2011	0.03	<10	<10	20	
July 4, 2011	0	31	31	20	
July 5, 2011	0	<10	20	<10	
July 6, 2011	0	<10	<10	<10	
July 7, 2011	0	2	2	<2	
July 8, 2011	0.29	<2	<2	27	
July 9, 2011	0.12	<10	<10	<10	
July 10, 2011	0	10	<10	10	
July 11, 2011	0	<10	10	<10	
July 12, 2011	0	<10	20	10	
July 13, 2011	0.45	10	<10	<10	
July 14, 2011	0.72	17	35	25	
July 15, 2011	0	38	22	4	
July 16, 2011	0	31	20	<10	
July 17, 2011	0	<10	10	<10	
July 18, 2011	Trace	10	<10	<10	
July 19, 2011	0	31	<10	85	
July 20, 2011	0	10	<10	<10	
July 21, 2011	0	4	2	<2	
July 22, 2011	0	<2	2	12	
July 23, 2011	0.11	20	20	41	
July 24, 2011	0.02	<10	<10	<10	
July 25, 2011	0.15	<10	10	<10	
July 26, 2011	0.01	10	20	20	
July 27, 2011	0	<10	<10	<10	
July 28, 2011	0	4	<2	<2	
July 29, 2011	0.14	15	8	<2	
July 30, 2011	0	20	10	10	
July 31, 2011	0	31	10	<10	
August 1, 2011	0	20	52	<10	
August 2, 2011	0.6	<10	<10	<10	
August 3, 2011	0	882	74	10	
August 04, 2011	0	29	24	33	
August 05, 2011	0	4	<2	<2	
August 06, 2011	Trace	10	10	10	
August 07, 2011	1.06	31	20	<10	
August 08, 2011	0.29	41	10	52	
August 09, 2011	1.21	<10	20	10	
August 10, 2011	0.73	598	1850	1178	
August 11, 2011	0	23	24	12	
August 12, 2011	0	35	30	48	
August 13, 2011	0	20	<10	<10	
August 14, 2011	0.02	20	10	<10	
August 15, 2011	1.43	31	74	20	
August 16, 2011	0.01	20	20	30	
August 17, 2011	0	<10	<10	20	
August 18, 2011	0	23	13	43	
August 19, 2011	0.03	2	2	<2	
August 20, 2011	0	173	245	216	
August 21, 2011	Trace	<10	<10	20	
August 22, 2011	0.59	<10	<10	<10	
August 23, 2011	0	<10	10	20	
August 24, 2011	0	10	10	<10	
August 25, 2011	0.06	4	238	<2	
August 26, 2011	0.03	22	15	31	
August 27, 2011	0.77	<10	20	<10	
August 28, 2011	0.91	Sampling cancelled due to hurricane			
August 29, 2011	0	<10	<10	<10	
August 30, 2011	0	<10	63	20	
August 31, 2011	0	10	20	<10	
September 1, 2011	0	2	18	2	
September 2, 2011	0	20	22	16	
September 3, 2011	0	31	41	<10	
September 4, 2011	0	41	20	41	