

# Massachusetts Bay bacteria counts, 2003

Surveys are conducted monthly to measure fecal coliform and *Enterococcus* in Massachusetts Bay in the area of the MWRA outfall. Additional monitoring is carried out following heavy rains or other events that may affect wastewater treatment and potentially have adverse effects in Massachusetts Bay.

Displayed are *Enterococcus* and fecal coliform counts.

The limit for shellfishing in unrestricted areas is 14 col/100 mL for fecal coliform.

There are no shellfishing limits established for *Enterococcus*, but EPA's swimming standard is a geometric mean of 35 colonies/100 mL, and a single sample limit of 104 colonies/100 mL.

"S" following the station id means sample was collected at surface;

"P" means sample was collected below the pycnocline, the division between the surface warm and/or fresh water layer and the bottom cold and/or salty water layer (collected only if a pycnocline is present).

Results are in count/100 milliliters.

Date	Station	Fecal coliform	<i>Enterococcus</i>
January 29, 2003	F25S	4	1
January 29, 2003	F14S	<2	<1
January 29, 2003	N09S	<2	<1
January 29, 2003	F13S	<2	<1
January 29, 2003	F10S	<2	<1
January 29, 2003	F17S	<2	<1
January 29, 2003	F22S	<2	<1
January 29, 2003	N16S	<2	<1
January 29, 2003	N20S	<2	<1
January 29, 2003	N02S	<2	<1
January 29, 2003	F18S	8	3
January 29, 2003	F24S	<2	<1
February 20, 2003	F25S	2	1
February 20, 2003	F14S	<2	<1
February 20, 2003	N09S	<2	2
February 20, 2003	F13S	<2	<1
February 20, 2003	F10S	<2	<1
February 20, 2003	F17S	<2	<1
February 20, 2003	F22S	<2	<1
February 20, 2003	N16S	<2	<1
February 20, 2003	N20S	<2	<1
February 20, 2003	N02S	<2	<1
February 20, 2003	F18S	<2	<1
February 20, 2003	F24S	<2	<1
April 2, 2003	F25S	<2	<1
April 2, 2003	N09S	<2	<1
April 2, 2003	F14S	<2	<1
April 2, 2003	F13S	<2	<1
April 2, 2003	F10S	<2	<1
April 2, 2003	F17S	<2	<1
April 2, 2003	F22P	<2	<1
April 2, 2003	F22S	<2	<1
April 2, 2003	N16P	<2	<1
April 2, 2003	N16S	<2	<1
April 2, 2003	N20P	<2	<1
April 2, 2003	N20S	<2	<1
April 2, 2003	N02P	<2	<1
April 2, 2003	N02S	<2	<1
April 2, 2003	F18P	<2	<1
April 2, 2003	F18S	<2	<1
April 2, 2003	F24S	<2	<1
April 22, 2003	F25S	<2	2
April 22, 2003	N09P	<2	<1
April 22, 2003	N09S	<2	<1
April 22, 2003	F14S	<2	<1
April 22, 2003	F13P	<2	<1

Date	Station	Fecal coliform	Enterococcus
April 22, 2003	F13S	<2	<1
April 22, 2003	F10P	<2	<1
April 22, 2003	F10S	<2	<1
April 22, 2003	F17P	<2	<1
April 22, 2003	F17S	<2	<1
April 22, 2003	F22P	<2	<1
April 22, 2003	F22S	<2	<1
April 22, 2003	N16P	<2	<1
April 22, 2003	N16S	<2	<1
April 22, 2003	N20P	<2	<1
April 22, 2003	N20S	<2	<1
April 22, 2003	N02P	<2	<1
April 22, 2003	N02S	<2	<1
April 22, 2003	F18P	<2	<1
April 22, 2003	F18S	<2	<1
April 22, 2003	F24S	<2	<1
May 14, 2003	F25S	<2	<1
May 14, 2003	F14S	<2	<1
May 14, 2003	N09P	<2	<1
May 14, 2003	N09S	<2	<1
May 14, 2003	F13S	<2	<1
May 14, 2003	F10P	<2	<1
May 14, 2003	F10S	<2	<1
May 14, 2003	F17P	<2	<1
May 14, 2003	F17S	<2	<1
May 14, 2003	F22P	<2	<1
May 14, 2003	F22S	<2	<1
May 14, 2003	N16P	<2	<1
May 14, 2003	N16S	<2	<1
May 14, 2003	N20P	<2	<1
May 14, 2003	N20S	<2	<1
May 14, 2003	N02P	<2	<1
May 14, 2003	N02S	<2	<1
May 14, 2003	F18P	<2	<1
May 14, 2003	F18S	<2	<1
May 14, 2003	F24S	<2	<1
June 19, 2003	F25S	<2	<1
June 19, 2003	N09P	<2	<1
June 19, 2003	N09S	<2	<1
June 19, 2003	F14P	<2	<1
June 19, 2003	F14S	<2	<1
June 19, 2003	F13P	<2	<1
June 19, 2003	F13S	<2	<1
June 19, 2003	F10P	<2	1
June 19, 2003	F10S	<2	<1
June 19, 2003	F17P	<2	<1
June 19, 2003	F17S	<2	<1
June 19, 2003	F22P	<2	<1
June 19, 2003	F22S	<2	<1
June 19, 2003	N16P	<2	<1
June 19, 2003	N16S	<2	<1
June 19, 2003	N20P	<2	<1
June 19, 2003	N20S	<2	<1
June 19, 2003	N02P	<2	<1
June 19, 2003	N02S	<2	<1
June 19, 2003	F18P	<2	<1
June 19, 2003	F18S	<2	<1
June 19, 2003	F24P	<2	<1
June 19, 2003	F24S	<2	<1
July 17, 2003	F25S	<2	<1
July 17, 2003	F14P	<2	<1
July 17, 2003	F14S	<2	<1
July 17, 2003	N09P	6	<1
July 17, 2003	N09S	<2	<1
July 17, 2003	F13P	6	<1
July 17, 2003	F13S	<2	<1
July 17, 2003	F10P	8	<1

Date	Station	Fecal coliform	Enterococcus
July 17, 2003	F10S	<2	<1
July 17, 2003	F17P	<2	<1
July 17, 2003	F17S	<2	<1
July 17, 2003	F22P	<2	<1
July 17, 2003	F22S	<2	<1
July 17, 2003	N16P	2	<1
July 17, 2003	N16S	<2	<1
July 17, 2003	N20P	6	<1
July 17, 2003	N20S	<2	<1
July 17, 2003	N02P	<2	<1
July 17, 2003	N02S	<2	<1
July 17, 2003	F18P	<2	<1
July 17, 2003	F18S	<2	<1
July 17, 2003	F24P	<2	<1
July 17, 2003	F24S	<2	<1
August 19, 2003	F25P	4	<1
August 19, 2003	F25S	<2	<1
August 19, 2003	N09P	4	<1
August 19, 2003	N09S	<2	<1
August 19, 2003	F14P	<2	<1
August 19, 2003	F14S	<2	<1
August 19, 2003	F13P	<2	<1
August 19, 2003	F13S	<2	<1
August 19, 2003	F10P	<2	<1
August 19, 2003	F10S	<2	<1
August 19, 2003	F17P	<2	<1
August 19, 2003	F17S	<2	<1
August 19, 2003	F22P	<2	<1
August 19, 2003	F22S	<2	<1
August 19, 2003	N16P	<2	<1
August 19, 2003	N16S	<2	<1
August 19, 2003	N20P	4	<1
August 19, 2003	N20S	<2	<1
August 19, 2003	N02P	<2	<1
August 19, 2003	N02S	<2	<1
August 19, 2003	F18P	<2	<1
August 19, 2003	F18S	<2	<1
August 19, 2003	F24P	<2	<1
August 19, 2003	F24S	<2	<1
September 24, 2003	F25S	<2	5
September 24, 2003	F14S	<2	2
September 24, 2003	N09P	<2	<1
September 24, 2003	N09S	<2	1
September 24, 2003	F13P	<2	<1
September 24, 2003	F13S	<2	<1
September 24, 2003	F10P	<2	<1
September 24, 2003	F10S	<2	<1
September 24, 2003	F17P	<2	3
September 24, 2003	F17S	<2	1
September 24, 2003	F22P	<2	<1
September 24, 2003	F22S	<2	<1
September 24, 2003	N16P	6	6
September 24, 2003	N16S	<2	1
September 24, 2003	N20P	>50	303
September 24, 2003	N20S	28	10
September 24, 2003	N02P	4	<1
September 24, 2003	N02S	<2	1
September 24, 2003	F18P	2	1
September 24, 2003	F18S	<2	<1
September 24, 2003	F24P	<2	<1
September 24, 2003	F24S	<2	<1
October 7, 2003	F25S	<2	<1
October 7, 2003	N09P	<2	<1
October 7, 2003	N09S	<2	<1
October 7, 2003	F14S	<2	<1
October 7, 2003	F13S	<2	<1
October 7, 2003	F10P	2	<1

<b>Date</b>	<b>Station</b>	<b>Fecal coliform</b>	<b>Enterococcus</b>
October 7, 2003	F10S	<2	<1
October 7, 2003	F17P	<2	<1
October 7, 2003	F17S	<2	<1
October 7, 2003	F22P	<2	<1
October 7, 2003	F22S	<2	<1
October 7, 2003	N16P	<2	<1
October 7, 2003	N16S	<2	<1
October 7, 2003	N20P	4	<1
October 7, 2003	N20S	<2	<1
October 7, 2003	N02P	6	<1
October 7, 2003	N02S	2	<1
October 7, 2003	F18P	4	<1
October 7, 2003	F18S	<2	<1
October 7, 2003	F24P	4	<1
October 7, 2003	F24S	<2	<1
November 17, 2003	F25S	<2	<1
November 17, 2003	F14P	<2	<1
November 17, 2003	F14S	<2	<1
November 17, 2003	N09P	<2	1
November 17, 2003	N09S	<2	<1
November 17, 2003	F13P	<2	<1
November 17, 2003	F13S	<2	<1
November 17, 2003	F10P	<2	<1
November 17, 2003	F10S	<2	<1
November 17, 2003	F17P	<2	<1
November 17, 2003	F17S	<2	<1
November 17, 2003	F22P	<2	<1
November 17, 2003	F22S	<2	<1
November 17, 2003	N16P	<2	<1
November 17, 2003	N16S	<2	<1
November 17, 2003	N20S	<2	<1
November 17, 2003	N02S	<2	<1
November 17, 2003	F18S	4	<1
November 17, 2003	F24S	<2	<1
December 16, 2003	F25S	4	1
December 16, 2003	N09S	4	2
December 16, 2003	F14S	<2	<1
December 16, 2003	F13S	2	1
December 16, 2003	F10S	11	1
December 16, 2003	F17S	<2	<1
December 16, 2003	F22S	6	<1
December 16, 2003	N16S	<2	<1
December 16, 2003	N20S	<2	1
December 16, 2003	N02S	<2	<1
December 16, 2003	F18S	<2	<1
December 16, 2003	F24S	<2	<1
December 19, 2003	F25S	4	1
December 19, 2003	F14S	<2	1
December 19, 2003	N09S	<2	1
December 19, 2003	N07S	<2	<1
December 19, 2003	N16S	<2	10
December 19, 2003	N04S	<2	<1
December 19, 2003	N20S	<2	5
December 19, 2003	N02S	<2	<1
December 19, 2003	F24S	2	1