Massachusetts Bay bacteria counts, 2004

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	*Enterococcus*
January 21, 2004	F13S	<2	<1
	F14S	4	<1
	F18S	<2	<1
	F24S	<2	<1
	F25S	2	1
	N02S	<2	<1
	N04S	<2	<1
	N07S	8	<1
	N09S	<2	1
	N16S	<2	<1
	N20S	<2	1
February 9, 2004	F13S	2	1
	F14S	2	<1
	F18S	<2	<1
	F24S	<2	<1
	F25S	6	<1
	N02S	<2	<1
	N04S	<2	<1
	N07S	<2	<1
	N09S	<2	<1
	N16S	4	<1
	N20S	4	<1
March 1, 2004	F13S	<2	<1
	F14S	<2	<1
	F18S	<2	<1
	F24S	<2	<1
	F25S	<2	<1
	N02S	<2	<1
	N04S	<2	<1
	N07S	<2	<1
	N09S	<2	<1
	N16S	<2	<1
	N20S	<2	<1
April 21, 2004	F13S	<2	<1
	F14S	<2	<1
	F18S	<2	1
	F24S	<2	<1
	F25S	<2	<1
	N02S	<2	<1
	N04S	<2	<1
	N07S	<2	<1
	N09S	<2	<1
	N16S	<2	<1
	N20S	<2	<1

Date	Station	Fecal coliform	*Enterococcus*
May 20, 2004	F13P	<2	<1
	F13S	<2	<1
	F14P	<2	<1
	F14S	<2	<1
	F18P	<2	<1
	F18S	<2	<1
	F24P	<2	<1
	F24S	<2	<1
	F25P	<2	<1
	F25S	<2	<1
	N02P	<2	<1
	N02S	<2	<1
	N04P	<2	<1
	N04S	<2	<1
	N07P	<2	<1
	N07S	<2	<1
	N09P	<2	<1
	N09S	<2	<1
	N16P	<2	<1
	N16S	<2	<1
	N20P	<2	<1
	N20S	<2	<1
June 16, 2004	F13P	<2	<1
	F13S	<2	<1
	F14P	<2	<1
	F14S	<2	<1
	F18P	<2	<1
	F18S	<2	<1
	F24P	<2	<1
	F24S	<2	2
	F25P	<2	<1
	F25S	<2	<1
	N02P	<2	<1
	N02S	<2	<1
	N04P	<2	<1
	N04S	<2	<1
	N07P	<2	<1
	N07S	<2	<1
	N09P	<2	<1
	N09S	<2	<1
	N16P	<2	<1
	N16S	<2	<1
	N20P	<2	<1
	N20S	<2	<1
July 6, 2004	F13P	<2	<1
	F13S	<2	<1
	F14P	<2	<1
	F14S	<2	<1
	F18P	<2	<1
	F18S	2	<1
	F24P	2	<1
	F24S	<2	<1
	F25P	2	2
	F25S	2	1
	N02P	8	<1
	N02S	<2	<1
	N04P	<2	<1
	N04S	<2	<1
	N07P	8	<1
	N07S	2	<1
	N09P	<2	<1
	N09S	2	1
	N16P	<2	<1
	N16S	<2	1
	N20P	<2	1

Date	Station	Fecal coliform	*Enterococcus*
	N20S	<2	<1
August 9, 2004	F13P	<2	<1
	F13S	<2	<1
	F14P	<2	<5
	F14S	<2	<5
	F18P	<2	<1
	F18S	<2	<1
	F24P	<2	<1
	F24S	<2	<1
	F25P	<2	<5
	F25S	<2	<5
	N02P	<2	<1
	N02S	<2	<1
	N04P	<2	<1
	N04S	<2	<1
	N07P	<2	<1
	N07S	<2	<1
	N09P	2	<1
	N09S	<2	<1
	N16P	<2	<1
	N16S	<2	<1
	N20P	<2	<1
	N20S	<2	<1
August 17, 2004	F13P	<2	<1
	F13S	<2	<1
	F14P	<2	1
	F14S	<2	<1
	F18P	<2	<1
	F18S	<2	<1
	F24P	<2	<1
	F24S	<2	<1
	F25P	<2	1
	F25S	<2	<1
	N02P	<2	<1
	N02S	<2	<1
	N04P	<2	<1
	N04S	<2	<1
	N07P	<2	<1
	N07S	<2	<1
	N09P	2	<1
	N09S	2	<1
	N16P	18	3
	N16S	2	<1
	N20P	50	<1
	N20S	4	<1