

TABLE 4-2A Effluent Indicators for Bacteriological Indicators

Parameters:	Daily Maximum (MPN/100 mL)	Seven Sample Median (MPN/100 mL)	Geometric Mean (CFU/ 100 mL)	Statistical Threshold Value (CFU/100 mL)
Enterococcus ^{a,b,c,d,g}			30	110
E. Coli ^{a,b,c,d,g}			100	320
Total Coliform ^{e,f,g} (shallow water discharge, in immediate vicinity of shellfish harvesting)	230	70		

NOTES:

All units are in MPN/100 mL or CFU/100 mL. MPN (most probable number) is equivalent to CFU (colony forming units). The use of either MPN or CFU is based on the method used to detect bacteria, and both are valid measures of bacteria density.

- a. For discharges into waters with the water contact recreation beneficial use where the salinity is greater than 1 part per thousand more than 5 percent of the time, the Water Board will implement the enterococcus water quality-based effluent limitations.
- b. For discharges into waters with the water contact recreation beneficial use where the salinity is equal to or less than 1 part per thousand 95 percent or more of the time, the Water Board will implement the E. coli water quality-based effluent limitations.
- c. The geometric mean shall be computed weekly for all samples in a 6-week interval. The statistical threshold value shall not be exceeded by more than 10 percent of the samples collected in a calendar month.
- d. For intermittent discharges to receiving waters with the water contact recreation beneficial use, the Water Board will implement the statistical threshold value effluent limitation. The Water Board will also implement the geometric mean effluent limitation provided there is a statistically sufficient number of samples to compute the geometric mean, which is generally not less than five samples distributed over a six-week period.
- e. For intermittent discharges to receiving waters with the shellfish harvesting beneficial use, the Water Board will implement the total coliform maximum daily effluent limitation.
- f. The Water Board may consider substituting total coliform organisms limitations with fecal coliform organisms limitations provided that it can be conclusively demonstrated through a program approved by the Water Board that such substitution will not result in unacceptable adverse impacts on the beneficial uses of the receiving water.
- g. The Water Board may apply these limitations selectively to non-sewage discharges, but these limitations shall not preempt Effluent Guideline Limitations established pursuant to Sections 301, 302, 304, or 306 of the federal Water Pollution Control Act, as amended.

Effluent limitations for discharges from the City of San Francisco's combined sewer system will be implemented in accordance with U.S. EPA's *Combined Sewer Overflow (CSO) Control Policy*.

