

### R3 Water Quality Objectives for Bacteria

**Table 3-1: Water Quality Objectives for Bacteria<sup>a</sup>**

Beneficial Use	Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Enterococcus (MPN/100ml) <sup>g</sup>
Water Contact Recreation	geometric mean < 200 90th percentile < 400	median < 240 no sample > 10,000	geometric mean < 35 no sample > 104
Shellfish Harvesting <sup>b</sup>	median < 14 90th percentile < 43	median < 70 90th percentile < 230 <sup>c</sup>	
Non-contact Water Recreation <sup>d</sup>	mean < 2000 90th percentile < 4000		
Municipal Supply: - Surface Water <sup>e</sup> - Groundwater	geometric mean < 20	geometric mean < 100 < 1.1 <sup>f</sup>	

Notes:

- a. Based on a minimum of five consecutive samples equally spaced over a 30-day period.
- b. Source: National Shellfish Sanitation Program.
- c. Based on a five-tube decimal dilution test or 300 MPN/100 ml when a three-tube decimal dilution test is used.
- d. Source: Report of the Committee on Water Quality Criteria, National Technical Advisory Committee, 1968.
- e. Source: California Department of Public Health recommendation.
- f. Based on multiple tube fermentation technique; equivalent test results based on other analytical techniques, as specified in the National Primary Drinking Water Regulation, 40 CFR, Part 141.21(f), revised June 10, 1992, are acceptable.
- g. Applicable to marine and estuarine waters only. Numeric values are based on Section 7958 of Title 17 of the California Code of Regulations, 69FR 67217 et seq., and 40 CFR Part 131.41 (effective date December 16, 2004).