

**ESCHERICHIA COLI DETECTION IN NON-POTABLE
FRESH WATER**

Test Description	Determination of <i>Escherichia coli</i> bacteria in fresh non-potable water including bathing and surface waters.
Test Use	Useful for evaluating fresh non-potable water.
Test Department	Environmental Microbiology: Phone 860-920-6699 Fax 860-920-6703
Methodology	IDEXX Quanti-Tray/Defined Substrate Technology
Availability	Year-round
Sample Requirements	One (1) sample collected in a sterile 125 mL bacteriological collection bottle.
Container type /Preservative	125 mL bacteriological collection bottle. No preservative.
Collection Instructions	See <i>Quality Assurance Project Plan for the Beach Monitoring and Notification Program for Connecticut Coastal Beaches</i> , latest edition. http://www.ct.gov/deep/lib/deep/water/beach_monitoring/beach_qapp_11.pdf
Sample Holding Time & Transport	Samples are iced or refrigerated and kept below 6°C from time of collection until analysis. Samples must be analyzed within 8 hours of collection for fresh bathing water and within 24 hours for fresh surface water.
Unacceptable Conditions	Incomplete requisition form. Insufficient sample volume. Samples received beyond the acceptable holding time.
Requisition Form	Use the Environmental Microbiology Fresh Bathing Water submission form or the Fresh Surface Water submission form.
Required Information	Fill out entire requisition form.
Limitations	Samples must be submitted by 2 P.M. Monday through Friday to ensure processing that day.
Additional Comments	