

IRON BACTERIA DETECTION IN POTABLE WATER	
Test Description	Determination of Iron bacteria <i>Gallionella</i> species in potable water.
Test Use	Useful for evaluating potable water.
Test Department	Environmental Microbiology: Phone 860-920-6699 Fax 860-920-6703
Methodology	Microscopy
Availability	Year-round
Sample Requirements	One (1) sample collected in a sterile 250 mL bacteriological collection bottle, provided by the CT DPH Laboratory.
Container type /Preservative	Sterile 250 mL bacteriological bottle. Sodium Thiosulfate preservative.
Collection Instructions (Note 1)	For taps, remove aerators and let water run 4-5 minutes. For outdoor locations, sampling location should be in accordance with a preapproved quality assurance project plan.
Sample Holding Time & Transport	Water samples must be analyzed within 30 hours of collection.
Unacceptable Conditions	Incomplete requisition form. Insufficient sample volume. Samples received beyond the 30-hour holding time. Samples that have been frozen.
Requisition Form	Use the Environmental Microbiology Drinking Water submission form.
Required Information	Fill out entire requisition form.
Limitations	Samples must be submitted by 3 P.M. Monday through Friday to ensure processing that day.
Additional Comments	

Note 1: See *New England States Environmental Sampling Guide*, latest edition.

<https://www.epa.gov/sites/production/files/2015-06/documents/NE-States-Sample-Collection-Manual.pdf>