

# Important Notices for Microbiological Testing

## Long Term 2 Enhanced Surface Water Treatment Rule (LT2), Enumeration

All laboratories must apply for an approved drinking water method for which they propose to use to report enumerated E.coli results. All approved drinking water method options have been revised to distinguish methods used for reporting presence/absence data from those requiring reporting of enumerated values. Laboratories must select SDW01 approved enumeration methods from the listing below and indicate all choices on Part III of the renewal package.

<b>Code</b>	<b>Parameter Description</b>	<b>Technique Description</b>	<b>Approved Method</b>	<b>Start Date</b>
SDW01.03010	Total coliform / E. coli	Multiple Tube Fermentation, Enumeration	SM 9221B/9221F (LTB-EC+MUG)	2/20/2007
SDW01.05010	Total coliform / E. coli	ONPG-MUG (Colilert/Colilert-18), Enumeration	SM 9223B, Multi-well Procedure	2/20/2007
SDW01.05016	Total coliform / E. coli	Membrane Filter, Enumeration	SM 9222B/9222G (mEndo/LES-Endo-NA+MUG)	2/20/2007
SDW01.06016	Total coliform / E. coli	Membrane Filter, Enumeration	EPA 1604	2/20/2007
SDW01.06021	Total coliform / E. coli	Membrane Filter - M-Colibblue 24 Test, Enumeration	OTHER Hach Company	2/20/2007
SDW01.06075	Escherichia coli (E coli)	Membrane Filter, Enumeration	SM 9213D	2/20/2007
SDW01.06080	Escherichia coli (E coli)	Membrane Filter, Enumeration	EPA 1103.1	2/20/2007
SDW01.06085	Escherichia coli (E coli)	Membrane Filter, Enumeration	EPA 1603	2/20/2007
SDW01.07015	Fecal coliform/ E. coli	Membrane Filter, Enumeration	SM 9222D/9222G (mFC-NA+MUG)	2/20/2007

This certification is also available now and laboratories can apply for and possibly receive certification prior to July 1, 2007. Acceptable results of a source water Proficiency Testing (PT) E.coli sample must be submitted for each method option chosen. Laboratories must also provide a Standard Operating Procedure (SOP) for each method option with either the renewal package (for certification effective after July 1, 2007) or with any requests for certification that may become effective prior to the close of this fiscal year (June 30, 2007).

## Review of Verification Methods performed on Total Coliform Positive Samples

Laboratories are instructed to review the verification method options currently listed on its Annual Certified Parameter List (ACPL) for Category SDW01 testing. As an example, if your laboratory has EC and EC + MUG media onsite to use for performing the required verification for drinking water total coliform positive original growth in accordance with EPA's Total Coliform Rule and the NJ's Private Well Testing Act, your ACPL must list SM 9221E (EC) and SM 9221E + MUG (SM 9221F) in order to be able to report both fecal coliform and/or E.coli data. If you are using Nutrient agar plus MUG the option SM 9221B.3.a.3 + MUG (SM 9222G) must be listed on your ACPL. If the verification methods you are using (for which you also have an SOP) are not listed on your current ACPL, make those selections with this renewal and enclose a copy of your SOP for review.

Contact [Debra.Waller@dep.state.nj.us](mailto:Debra.Waller@dep.state.nj.us) if you have any additional questions.