

NEW DRINKING WATER TEST METHODS

The USEPA announces the approval of 25 additional methods available for analyzing drinking water samples under the provisions of the Expedited Approval of Alternate Test Methods – Final Rule.

Federal Register/Vol. 74, No. 216/Tuesday, November 10, 2009/Rules and Regulations:

<http://edocket.access.gpo.gov/2009/pdf/E9-27044.pdf>

Under the provisions of this action, laboratories may continue to use testing methods already established in existing regulations or the alternate methods approved in this action.

For a complete listing of the methods, please go to:

<http://www.epa.gov/safewater/methods/>

Copies of the EPA methods can be downloaded on-line at:

http://www.epa.gov/safewater/methods/analyticalmethods_ogwdw.html

EPA METHODS:

1. **EPA Method 334**, “Determination of residual chlorine in drinking water using an on-line analyzer”*
2. **EPA Method 302.0**, “Determination of Bromate in Drinking Waters using Two-Dimensional Ion Chromatography with Suppressed Conductivity detection”
3. **EPA Method 557**, “Determination of Haloacetic Acids, Bromate, and Dalapon in Drinking Water by Ion Chromatography Electrospray Ionization Tandem Mass Spectrometry”
4. **EPA Method 415.3, Revision 1.2**, “Determination of Total Organic Carbon and Specific UV Absorbance at 254 nanometers in Source and Drinking Waters”

www.epa.gov/nerlcwww/ordmeth.htm

METHODS DEVELOPED BY VOLUNTARY CONSENSUS BODIES:

1. **Standard Methods for the Examination of Water and Wastewater (SM):** SM 9223 B-97 and SM 9223 B (20th and 21st editions) can be used to detect *E. coli*.

www.Standardmethods.org

2. **ASTM International:** 14 recent versions of ASTM International methods have also been recognized. Please refer to the methods link for more information on these methods. ASTM methods can be obtained at

www.astm.org

VENDOR METHODS:

1. **AMI Turbiwell Method:** Continuous turbidity measurement*
2. **ChloroSense:** Free and total chlorine measurement with disposable sensors*
3. **Modified Colitag:** P/A testing for total coliforms and *E. coli*

Please refer to the Federal Register Notice for vendor contact information.

EPA CONTACTS

Safe Drinking Water Hotline: (800) 426-4791

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ELAP CERTIFICATION/ACCREDITATION

For all EPA, ASTM, and vendor methods, an amendment application, fees, and PTs will be required.

For laboratories in the process of renewal or initial certification, please contact your current ELAP representative for additional information.

If your laboratory is currently approved for SM 9223 B, you may change to the on-line, 20th, or 21st edition versions at your own discretion. Full documentation to demonstrate method compliance and method proficiency is required.

*Please note that certification/accreditation for chlorine residual and turbidity in drinking water is voluntary.