



REGION 5

CHICAGO, IL 60604

September 3, 2026

Mr. Steve Strebel
Interim Associate Director
Environmental Health Division
Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, Wisconsin 53718

Dear Mr. Strebel:

It is the U.S. Environmental Protection Agency's (EPA) responsibility to evaluate the capabilities of the Principal Drinking Water Laboratory for the state of Wisconsin to analyze samples for contaminants pursuant to the National Primary Drinking Water Regulations as codified at 40 C.F.R. Parts 141 and 142. The Regional Laboratory Certification Program received your request to expand your drinking water certification scope to include the analysis of conductivity, chloride, and turbidity.

Based on our review of the documentation submitted in support of your application, EPA grants interim certification to the Wisconsin State Laboratory of Hygiene for the methods identified in Enclosure A. Interim certification is effective until November 12, 2027, provided the laboratory maintains acceptable performance through the analysis of annual proficiency testing samples.

If you have any questions or require clarification concerning this letter, please contact Nakieta Mitchell, the Regional Laboratory Certification Program Manager, at 312-353-9085 or by e-mail at mitchell.nakieta@epa.gov.

Sincerely,

Heather Shoven
Director, Laboratory Services and Applied Science Division

cc:

Nakieta Mitchell, US EPA Region 5
Mark Ackerman, US EPA Region 5
Nichole Shumard, US EPA Region 5
Royce Riessen, WSLH



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 5 Laboratory Certification Program
Drinking Water Certified Analyte List
Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, Madison, Wisconsin 53718

Effective: April 15, 2025	Expiration: November 12, 2027	List Date: September 3, 2026
Analyte	Method, 40 CFR 141	Certification Status
<u>Inorganic Contaminants (IOCs)</u>		
Aluminum	EPA 200.7, Rev. 4.4	Full Certification
Barium	EPA 200.7, Rev. 4.4	Full Certification
Beryllium	EPA 200.7, Rev. 4.4	Full Certification
Calcium	EPA 200.7, Rev. 4.4	Full Certification
Copper	EPA 200.7, Rev. 4.4	Full Certification
Iron	EPA 200.7, Rev. 4.4	Full Certification
Magnesium	EPA 200.7, Rev. 4.4	Full Certification
Manganese	EPA 200.7, Rev. 4.4	Full Certification
Nickel	EPA 200.7, Rev. 4.4	Full Certification
Sodium	EPA 200.7, Rev. 4.4	Full Certification
Zinc	EPA 200.7, Rev. 4.4	Full Certification
Lead	EPA 200.8, Rev. 5.4	Full Certification
Uranium	EPA 200.8, Rev. 5.4	Full Certification
Thallium	EPA 200.9, Rev. 2.2	Full Certification
Mercury	EPA 245.1, Rev. 3.0	Full Certification
Nitrate + Nitrite	EPA 353.2, Rev. 2.0	Full Certification
Nitrite	EPA 353.2, Rev. 2.0	Full Certification
Nitrate	EPA 353.2, Rev. 2.0	Full Certification
Orthophosphate	EPA 365.1, Rev. 2.0	Full Certification
Sulfate	EPA 375.2, Rev. 2.0	Full Certification
Fluoride	Lachat 10-109-12-2-A (2009)	Full Certification
Alkalinity	SM 2320 B, 21 st ed.	Full Certification
Total Dissolved Solids	SM 2540 C, 21 st ed.	Full Certification
Antimony	SM 3113 B, (2004), 21 st ed.	Full Certification
Arsenic	SM 3113 B, (2004), 21 st ed.	Full Certification
Cadmium	SM 3113 B, (2004), 21 st ed.	Full Certification
Chromium	SM 3113 B, (2004), 21 st ed.	Full Certification
Lead	SM 3113 B, (2004), 21 st ed.	Full Certification
Selenium	SM 3113 B, (2004), 21 st ed.	Full Certification
Silver	SM 3113 B, (2004), 21 st ed.	Full Certification
Cyanide, Total	SM 4500-CN ⁻ E, 21 st ed.	Full Certification
Conductivity	SM 2510 B, 21st ed.	Interim Certification
Chloride	QuikChem 10-117-07-1-B (03/23/2001)	Interim Certification
Turbidity	SM 2130 B 21st ed.	Interim Certification
<u>Volatile Organic Compounds (VOCs)</u>		
Benzene	EPA 524.3, Rev. 1.0	Full Certification
Carbon tetrachloride	EPA 524.3, Rev. 1.0	Full Certification

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Chlorobenzene (mono)	EPA 524.3, Rev. 1.0	Full Certification
1,2-Dichlorobenzene (ortho)	EPA 524.3, Rev. 1.0	Full Certification
1,4-Dichlorobenzene (para)	EPA 524.3, Rev. 1.0	Full Certification
1,2-Dichloroethane	EPA 524.3, Rev. 1.0	Full Certification
1,1-Dichloroethene	EPA 524.3, Rev. 1.0	Full Certification
cis-1,2-Dichloroethylene	EPA 524.3, Rev. 1.0	Full Certification
trans-1,2-Dichloroethene	EPA 524.3, Rev. 1.0	Full Certification
Dichloromethane	EPA 524.3, Rev. 1.0	Full Certification
1,2-Dichloropropane	EPA 524.3, Rev. 1.0	Full Certification
Ethylbenzene	EPA 524.3, Rev. 1.0	Full Certification
Styrene	EPA 524.3, Rev. 1.0	Full Certification
Tetrachloroethylene	EPA 524.3, Rev. 1.0	Full Certification
Toluene	EPA 524.3, Rev. 1.0	Full Certification
1,2,4-Trichlorobenzene	EPA 524.3, Rev. 1.0	Full Certification
1,1,1-Trichloroethane	EPA 524.3, Rev. 1.0	Full Certification
1,1,2-Trichloroethane	EPA 524.3, Rev. 1.0	Full Certification
Trichloroethene	EPA 524.3, Rev. 1.0	Full Certification
Vinyl chloride	EPA 524.3, Rev. 1.0	Full Certification
Xylenes (total)	EPA 524.3, Rev. 1.0	Full Certification
<u>Total Trihalomethanes (TTHM):</u>		
Bromodichloromethane	EPA 524.3, Rev. 1.0	Full Certification
Bromoform	EPA 524.3, Rev. 1.0	Full Certification
Chloroform	EPA 524.3, Rev. 1.0	Full Certification
Dibromochloromethane	EPA 524.3, Rev. 1.0	Full Certification
Total Trihalomethanes	EPA 524.3, Rev. 1.0	Full Certification
<u>Haloacetic Acids (HAA5):</u>		
Dibromoacetic acid (DBA)	EPA 552.3, Rev. 1.0	Full Certification
Dichloroacetic acid (DCA)	EPA 552.3, Rev. 1.0	Full Certification
Monobromoacetic acid (MBA)	EPA 552.3, Rev. 1.0	Full Certification
Monochloroacetic acid (MCA)	EPA 552.3, Rev. 1.0	Full Certification
Trichloroacetic acid (TCA)	EPA 552.3, Rev. 1.0	Full Certification
Total Haloacetic Acids	EPA 552.3, Rev. 1.0	Full Certification
<u>Per-and Polyfluoroalkyl Substances (PFAS):</u>		
Perfluorobutane Sulfonate (PFBS)	EPA 537.1, Version 2.0 (2020)	Full Certification
Perfluorohexane Sulfonate (PFHxS)	EPA 537.1, Version 2.0 (2020)	Full Certification
Perfluorononanoate (PFNA)	EPA 537.1, Version 2.0 (2020)	Full Certification
Perfluorooctanesulfonic Acid (PFOS)	EPA 537.1, Version 2.0 (2020)	Full Certification
Perfluorooctanoic Acid (PFOA)	EPA 537.1, Version 2.0 (2020)	Full Certification
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy) propanoate (HFPO-DA or GenX Chemicals)	EPA 537.1, Version 2.0 (2020)	Full Certification
<u>Microbiology:</u>		
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colilert	Full Certification
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colilert-18	Full Certification

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Total Coliform & <i>E.coli</i> (P/A)		SM 9223 B Colisure		Full Certification	
Total Coliform & <i>E.coli</i> (P/A)		Colitag		Full Certification	
Total Coliform & <i>E.coli</i> (MPN)		SM 9223 B Colilert Quanti-Tray		Full Certification	
Total Coliform & <i>E.coli</i> (MPN)		SM 9223 B Colilert-18 Quanti-Tray		Full Certification	
Heterotrophic Plate Count		SM 9215 B (PCA)		Full Certification	
<i>Enterococci</i>		Enterolert		Full Certification	
<u>Microbiology:</u>					
Gross Alpha		EPA 900.0, Rev. 1.0, 2018		Interim Certification	
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Radium 226		EPA 903.1, 1980		Interim Certification	
Radium 228		EPA 904.0, 1980		Interim Certification	
Uranium SM 7500-U-C		SM 7500-U-C		Interim Certification	
Tritium		EPA 906.0, 1980		Interim Certification	
End of List					