



REGION 5

CHICAGO, IL 60604

July 21, 2025

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 responsibility to evaluate the capabilities of the Principal Drinking Water Laboratory for the state of Wisconsin for analyzing samples for chemical, radiological, and microbiological 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 Lead and Uranium by EPA method 200.8.

Based on observations from the onsite audit conducted on November 12-15, 2024, and review of supporting documentation (*i.e.*, standard operating procedures, demonstration of capabilities, proficiency testing results, and detection limit studies), the U.S. Environmental Protection Agency grants to the Wisconsin State Laboratory of Hygiene, Interim Certification for EPA 200.8. This change is reflected in the enclosed updated scope. Interim Certification for EPA 200.8 is effective until a final certification decision is issued based on the 2024 onsite audit. Certification is contingent upon the laboratory's continued acceptable performance through the analysis of annual proficiency testing samples. This certificate supersedes all previous certificates issued.

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



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		List Date: July 21, 2025
Analyte	Method, 40 CFR 141	Certification Status
Inorganic Contaminants (IOCs)		
Aluminum	EPA 200.7, Rev. 4.4	Interim Certification
Barium	EPA 200.7, Rev. 4.4	Interim Certification
Beryllium	EPA 200.7, Rev. 4.4	Interim Certification
Calcium	EPA 200.7, Rev. 4.4	Interim Certification
Copper	EPA 200.7, Rev. 4.4	Interim Certification
Iron	EPA 200.7, Rev. 4.4	Interim Certification
Magnesium	EPA 200.7, Rev. 4.4	Interim Certification
Manganese	EPA 200.7, Rev. 4.4	Interim Certification
Nickel	EPA 200.7, Rev. 4.4	Interim Certification
Sodium	EPA 200.7, Rev. 4.4	Interim Certification
Zinc	EPA 200.7, Rev. 4.4	Interim Certification
Lead	EPA 200.8, Rev. 5.4	Interim Certification
Uranium	EPA 200.8, Rev. 5.4	Interim Certification
Thallium	EPA 200.9, Rev. 2.2	Interim Certification
Mercury	EPA 245.1, Rev. 3.0	Interim Certification
Nitrate + Nitrite	EPA 353.2, Rev. 2.0	Interim Certification
Nitrite	EPA 353.2, Rev. 2.0	Interim Certification
Nitrate	EPA 353.2, Rev. 2.0	Interim Certification
Orthophosphate	EPA 365.1, Rev. 2.0	Interim Certification
Sulfate	EPA 375.2, Rev. 2.0	Interim Certification
Fluoride	Lachat 10-109-12-2-A (2009)	Interim Certification
Alkalinity	SM 2320 B, 21 st ed.	Interim Certification
Total Dissolved Solids	SM 2540 C, 21 st ed.	Interim Certification
Antimony	SM 3113 B, (2004), 21 st ed.	Interim Certification
Arsenic	SM 3113 B, (2004), 21 st ed.	Interim Certification
Cadmium	SM 3113 B, (2004), 21 st ed.	Interim Certification
Chromium	SM 3113 B, (2004), 21 st ed.	Interim Certification
Lead	SM 3113 B, (2004), 21 st ed.	Interim Certification
Selenium	SM 3113 B, (2004), 21 st ed.	Interim Certification
Silver	SM 3113 B, (2004), 21 st ed.	Interim Certification
Cyanide, Total	SM 4500-CN ⁻ E, 21 st ed.	Interim Certification

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<u>Volatile Organic Compounds (VOCs)</u>		
Benzene	EPA 524.3, Rev. 1.0	Interim Certification
Carbon tetrachloride	EPA 524.3, Rev. 1.0	Interim Certification
Chlorobenzene (mono)	EPA 524.3, Rev. 1.0	Interim Certification
1,2-Dichlorobenzene (ortho)	EPA 524.3, Rev. 1.0	Interim Certification
1,4-Dichlorobenzene (para)	EPA 524.3, Rev. 1.0	Interim Certification
1,2-Dichloroethane	EPA 524.3, Rev. 1.0	Interim Certification
1,1-Dichloroethene	EPA 524.3, Rev. 1.0	Interim Certification
cis-1,2-Dichloroethylene	EPA 524.3, Rev. 1.0	Interim Certification
trans-1,2-Dichloroethene	EPA 524.3, Rev. 1.0	Interim Certification
Dichloromethane	EPA 524.3, Rev. 1.0	Interim Certification
1,2-Dichloropropane	EPA 524.3, Rev. 1.0	Interim Certification
Ethylbenzene	EPA 524.3, Rev. 1.0	Interim Certification
Styrene	EPA 524.3, Rev. 1.0	Interim Certification
Tetrachloroethylene	EPA 524.3, Rev. 1.0	Interim Certification
Toluene	EPA 524.3, Rev. 1.0	Interim Certification
1,2,4-Trichlorobenzene	EPA 524.3, Rev. 1.0	Interim Certification
1,1,1-Trichloroethane	EPA 524.3, Rev. 1.0	Interim Certification
1,1,2-Trichloroethane	EPA 524.3, Rev. 1.0	Interim Certification
Trichloroethene	EPA 524.3, Rev. 1.0	Interim Certification
Vinyl chloride	EPA 524.3, Rev. 1.0	Interim Certification
Xylenes (total)	EPA 524.3, Rev. 1.0	Interim Certification
<u>Total Trihalomethanes (TTHM):</u>		
Bromodichloromethane	EPA 524.3, Rev. 1.0	Interim Certification
Bromoform	EPA 524.3, Rev. 1.0	Interim Certification
Chloroform	EPA 524.3, Rev. 1.0	Interim Certification
Dibromochloromethane	EPA 524.3, Rev. 1.0	Interim Certification
Total Trihalomethanes	EPA 524.3, Rev. 1.0	Interim Certification
<u>Haloacetic Acids (HAA5):</u>		
Dibromoacetic acid (DBA)	EPA 552.3, Rev. 1.0	Interim Certification
Dichloroacetic acid (DCA)	EPA 552.3, Rev. 1.0	Interim Certification
Monobromoacetic acid (MBA)	EPA 552.3, Rev. 1.0	Interim Certification
Monochloroacetic acid (MCA)	EPA 552.3, Rev. 1.0	Interim Certification
Trichloroacetic acid (TCA)	EPA 552.3, Rev. 1.0	Interim Certification
Total Haloacetic Acids	EPA 552.3, Rev. 1.0	Interim Certification
<u>Per-and Polyfluoroalkyl Substances (PFAS):</u>		
Perfluorobutane Sulfonate (PFBS)	EPA 537.1, Version 2.0 (2020)	Interim Certification
Perfluorohexane Sulfonate (PFHxS)	EPA 537.1, Version 2.0 (2020)	Interim Certification
Perfluorononanoate (PFNA)	EPA 537.1, Version 2.0 (2020)	Interim Certification

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Perfluorooctanesulfonic Acid (PFOS)	EPA 537.1, Version 2.0 (2020)	Interim Certification
Perfluorooctanoic Acid (PFOA)	EPA 537.1, Version 2.0 (2020)	Interim Certification
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy) propanoate (HFPO-DA or GenX Chemicals)	EPA 537.1, Version 2.0 (2020)	Interim Certification
Microbiology:		
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colilert	Interim Certification
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colilert-18	Interim Certification
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colisure	Interim Certification
Total Coliform & <i>E.coli</i> (P/A)	Colitag	Interim Certification
Total Coliform & <i>E.coli</i> (MPN)	SM 9223 B Colilert Quanti-Tray	Interim Certification
Total Coliform & <i>E.coli</i> (MPN)	SM 9223 B Colilert-18 Quanti-Tray	Interim Certification
Heterotrophic Plate Count	SM 9215 B (PCA)	Interim Certification
<i>Enterococci</i>	Enterolert	Interim Certification
End of List		



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 18, 2023	Expiration: April 18, 2026	List Date: July 21, 2025
Analyte	Method, 40 CFR	Certification Status
<u>Radiochemistry:</u>		
Gross Alpha	EPA 900.0, Rev. 1.0	Full Certification
Gross Beta	EPA 900.0, Rev. 1.0	Full Certification
Radium 226	EPA 903.1	Full Certification
Radium 228	EPA 904.0	Full Certification
Uranium	SM 7500-U-C	Full Certification
Tritium	EPA 906.0, Rev. 1.0	Full Certification
End of List		