



REGION 5

CHICAGO, IL 60604

October 9, 2025

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

Dear Mr. Strebel:

The U.S. Environmental Protection Agency conducted an onsite audit of the Wisconsin State Laboratory of Hygiene's drinking water laboratory on November 12-15, 2024. The purpose of the audit was to evaluate the laboratory's capability to analyze drinking water samples for chemical and microbiological contaminants, pursuant to the National Primary Drinking Water Regulations as implemented under Title 40 of the Code of Federal Regulations, Sections 141 and 142.

Thank you for your response to the audit report. The information you provided fully addressed all findings. The enclosed Corrective Action Report will serve as your final response to the audit report. The U.S. Environmental Protection Agency grants to the Wisconsin State Laboratory of Hygiene, located at 2601 Agriculture Drive, Madison, Wisconsin 53718, Full Certification for the analytes and methods identified in Enclosure A.

Certification status is granted based on the information obtained during the onsite audit, the corrective actions required and implemented, recommendations of the certification officers, and proficiency testing sample results. This certificate supersedes all previously issued certificates. Certification lasts for three years from the date of your last onsite audit, provided your laboratory continues to demonstrate 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**

Digitally signed by
HEATHER SHOVEN
Date: 2025.10.09
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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: November 12, 2024	Expiration: November 12, 2027	List Date: October 9, 2025
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
<u>Volatile Organic Compounds (VOCs)</u>		
1,1,1-Trichloroethane	EPA 524.3, Rev. 1.0	Full Certification
1,1,2-Trichloroethane	EPA 524.3, Rev. 1.0	Full Certification
1,1-Dichloroethene	EPA 524.3, Rev. 1.0	Full Certification
1,2,4-Trichlorobenzene	EPA 524.3, Rev. 1.0	Full Certification
1,2-Dichlorobenzene (ortho)	EPA 524.3, Rev. 1.0	Full Certification

Effective: November 12, 2024	Expiration: November 12, 2027	List Date: October 9, 2025
Analyte	Method, 40 CFR 141	Certification Status
1,2-Dichloroethane	EPA 524.3, Rev. 1.0	Full Certification
1,2-Dichloropropane	EPA 524.3, Rev. 1.0	Full Certification
1,4-Dichlorobenzene (para)	EPA 524.3, Rev. 1.0	Full Certification
Benzene	EPA 524.3, Rev. 1.0	Full Certification
Carbon tetrachloride	EPA 524.3, Rev. 1.0	Full Certification
Chlorobenzene (mono)	EPA 524.3, Rev. 1.0	Full Certification
cis-1,2-Dichloroethylene	EPA 524.3, Rev. 1.0	Full Certification
Dichloromethane	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
trans-1,2-Dichloroethene	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>Microbiological Contaminants:</u>		
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colilert, 21 st Ed.	Full Certification
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colilert-18, 21 st Ed.	Full Certification
Total Coliform & <i>E.coli</i> (P/A)	SM 9223 B Colisure, 21 st Ed.	Full Certification

Effective: November 12, 2024	Expiration: November 12, 2027	List Date: October 9, 2025
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Total Coliform & <i>E.coli</i> (P/A)	Modified Colitag (2009)	Full Certification
Total Coliform & <i>E.coli</i> (MPN)	SM 9223 B Colilert Quanti-Tray, 21 st Ed.	Full Certification
Total Coliform & <i>E.coli</i> (MPN)	SM 9223 B Colilert-18 Quanti-Tray, 21 st Ed.	Full Certification
Heterotrophic Plate Count	SM 9215 B (PCA), 21 st Ed.	Full Certification
<i>Enterococci</i>	Enterolert	Full 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: October 5, 2023	
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					