



**REGION 5**  
CHICAGO, IL 60604

March 14, 2024

Mr. Steve Strebel  
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 region received your request to withdraw certification for total coliform and *E.coli* analysis by the Readycult method and the drinking water certified analyte list has been updated to reflect this change.

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](mailto:mitchell.nakieta@epa.gov).

Sincerely,

George Schupp  
Director, Laboratory Services and Applied Science Division

Enclosure

Cc: Kristen Leckrone, U.S. EPA, Region 5  
Stacy Meyers, U.S. EPA, Region 5  
Nicole Shumard, U.S. EPA, Region 5  
Camille Danielson, WSLH  
Jocelyn Hemming, WSLH  
Marty Collins, WSLH  
Susan Hill, 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 4, 2022	Expiration: April 4, 2025	List Date: March 14, 2024
Analyte	Method, 40 CFR	Certification Status
<b><u>Inorganic Contaminants (IOCs)</u></b>		
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
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 <sup>st</sup> ed.	Full Certification
Total Dissolved Solids	SM 2540 C, 21 <sup>st</sup> ed.	Full Certification
Antimony	SM 3113 B, (2004)	Full Certification
Arsenic	SM 3113 B, (2004)	Full Certification
Cadmium	SM 3113 B, (2004)	Full Certification
Chromium	SM 3113 B, (2004)	Full Certification
Lead	SM 3113 B, (2004)	Full Certification
Selenium	SM 3113 B, (2004)	Full Certification
Silver	SM 3113 B, (2004)	Full Certification
Cyanide, Total	SM 4500-CN <sup>-</sup> E, 21 <sup>st</sup> ed.	Full Certification
<b><u>Volatile Organic Compounds (VOCs)</u></b>		
Benzene	EPA 524.2, Rev. 4.1	Full Certification

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<b>Analyte</b>	<b>Method, 40 CFR</b>	<b>Certification Status</b>
Carbon tetrachloride	EPA 524.2, Rev. 4.1	Full Certification
Chlorobenzene (mono)	EPA 524.2, Rev. 4.1	Full Certification
1,2-Dichlorobenzene (ortho)	EPA 524.2, Rev. 4.1	Full Certification
1,4-Dichlorobenzene (para)	EPA 524.2, Rev. 4.1	Full Certification
1,2-Dichloroethane	EPA 524.2, Rev. 4.1	Full Certification
1,1-Dichloroethene	EPA 524.2, Rev. 4.1	Full Certification
cis-1,2-Dichloroethylene	EPA 524.2, Rev. 4.1	Full Certification
trans-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Full Certification
Dichloromethane	EPA 524.2, Rev. 4.1	Full Certification
1,2-Dichloropropane	EPA 524.2, Rev. 4.1	Full Certification
Ethylbenzene	EPA 524.2, Rev. 4.1	Full Certification
Styrene	EPA 524.2, Rev. 4.1	Full Certification
Tetrachloroethylene	EPA 524.2, Rev. 4.1	Full Certification
Toluene	EPA 524.2, Rev. 4.1	Full Certification
1,2,4-Trichlorobenzene	EPA 524.2, Rev. 4.1	Full Certification
1,1,1-Trichloroethane	EPA 524.2, Rev. 4.1	Full Certification
1,1,2-Trichloroethane	EPA 524.2, Rev. 4.1	Full Certification
Trichloroethene	EPA 524.2, Rev. 4.1	Full Certification
Vinyl chloride	EPA 524.2, Rev. 4.1	Full Certification
Xylenes (total)	EPA 524.2, Rev. 4.1	Full Certification
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

<b>Effective: April 4, 2022</b>	<b>Expiration: April 4, 2025</b>	<b>List Date: March 14, 2024</b>
<b>Analyte</b>	<b>Method, 40 CFR</b>	<b>Certification Status</b>
Xylenes (total)	EPA 524.3, Rev. 1.0	Interim Certification
<b>Total Trihalomethanes (TTHM):</b>		
Bromodichloromethane	EPA 524.2, Rev. 4.1	Full Certification
Bromoform	EPA 524.2, Rev. 4.1	Full Certification
Chloroform	EPA 524.2, Rev. 4.1	Full Certification
Dibromochloromethane	EPA 524.2, Rev. 4.1	Full Certification
Total Trihalomethanes	EPA 524.2, Rev. 4.1	Full Certification
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
<b>Haloacetic Acids (HAA5):</b>		
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
<b>Microbiology:</b>		
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
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
<b>End of List</b>		



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<b>Effective: April 18, 2023</b>	<b>Expiration: April 18, 2026</b>	<b>List Date: March 14, 2024</b>
<b>Analyte</b>	<b>Method, 40 CFR</b>	<b>Certification Status</b>
<b>Radiochemistry:</b>		
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
<b>End of List</b>		