



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:
MC-10C

Mr. David Webb
Environmental Health Division
Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, Wisconsin 53718

Dear Mr. Webb:

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 volatile organic compounds and total trihalomethanes by EPA method 524.3.

Based on observations from the remote audit conducted April 4 -8, 2022 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 524.3 for the analytes identified in Enclosure A. Interim Certification for EPA 524.3 is effective from the date of this letter until the next on-site visit, provided that 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,

George Schupp
Director, Laboratory Services and Applied Science Division

Enclosure



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: May 5, 2022		List Date: April 29, 2022
Analyte	Method, 40 CFR	Certification Status
<u>Inorganic Contaminants (IOCs)</u>		
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
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
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)	Interim Certification
Arsenic	SM 3113 B, (2004)	Interim Certification
Cadmium	SM 3113 B, (2004)	Interim Certification
Chromium	SM 3113 B, (2004)	Interim Certification
Lead	SM 3113 B, (2004)	Interim Certification
Selenium	SM 3113 B, (2004)	Interim Certification
Silver	SM 3113 B, (2004)	Interim Certification
Cyanide, Total	SM 4500-CN ⁻ E, 21 st ed.	Interim Certification
Nitrite	SM 4500-NO ₂ B, 21 st ed.	Interim Certification
<u>Volatile Organic Compounds (VOCs)</u>		
Benzene	EPA 524.2, Rev. 4.1	Interim Certification
Carbon tetrachloride	EPA 524.2, Rev. 4.1	Interim Certification
Chlorobenzene (mono)	EPA 524.2, Rev. 4.1	Interim Certification
1,2-Dichlorobenzene (ortho)	EPA 524.2, Rev. 4.1	Interim Certification
1,4-Dichlorobenzene (para)	EPA 524.2, Rev. 4.1	Interim Certification
1,2-Dichloroethane	EPA 524.2, Rev. 4.1	Interim Certification
1,1-Dichloroethene	EPA 524.2, Rev. 4.1	Interim Certification
cis-1,2-Dichloroethylene	EPA 524.2, Rev. 4.1	Interim Certification
trans-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Interim Certification

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Dichloromethane	EPA 524.2, Rev. 4.1	Interim Certification
1,2-Dichloropropane	EPA 524.2, Rev. 4.1	Interim Certification
Ethylbenzene	EPA 524.2, Rev. 4.1	Interim Certification
Styrene	EPA 524.2, Rev. 4.1	Interim Certification
Tetrachloroethylene	EPA 524.2, Rev. 4.1	Interim Certification
Toluene	EPA 524.2, Rev. 4.1	Interim Certification
1,2,4-Trichlorobenzene	EPA 524.2, Rev. 4.1	Interim Certification
1,1,1-Trichloroethane	EPA 524.2, Rev. 4.1	Interim Certification
1,1,2-Trichloroethane	EPA 524.2, Rev. 4.1	Interim Certification
Trichloroethene	EPA 524.2, Rev. 4.1	Interim Certification
Vinyl chloride	EPA 524.2, Rev. 4.1	Interim Certification
Xylenes (total)	EPA 524.2, Rev. 4.1	Interim 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
Xylenes (total)	EPA 524.3, Rev. 1.0	Interim Certification
Total Trihalomethanes (TTHM):		
Bromodichloromethane	EPA 524.2, Rev. 4.1	Interim Certification
Bromoform	EPA 524.2, Rev. 4.1	Interim Certification
Chloroform	EPA 524.2, Rev. 4.1	Interim Certification
Dibromochloromethane	EPA 524.2, Rev. 4.1	Interim Certification
Total Trihalomethanes	EPA 524.2, Rev. 4.1	Interim 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
Haloacetic Acids (HAA5):		
Dibromoacetic acid (DBA)	EPA 552.3, Rev. 1.0	Interim Certification
Dichloroacetic acid (DCA)	EPA 552.3, Rev. 1.0	Interim Certification

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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

Microbiology:

Total Coliform & <i>E.coli</i> (P/A)	SM 9221 B/F (LTB/EC-MUG)	Interim Certification
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> (P/A)	Readycult	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
Total Coliform & <i>E.coli</i> (MPN)	SM 9223 B Colisure Quanti-Tray	Interim Certification
Heterotrophic Plate Count	SM 9215 B (PCA)	Interim Certification
<i>Enterococci</i>	Enterolert	Interim Certification

Radiochemistry:

Gross Alpha, Gross Beta	EPA 900.0	Interim Certification
Gross Alpha	SM 7110 C	Interim Certification
Gamma Emitters	EPA 901.1	Interim Certification
Radium 226	EPA 903.1	Interim Certification
Radium 228	EPA 904.0	Interim Certification
Uranium	SM 7500-U-C	Interim Certification
Iodine 131	EPA 901.1	Interim Certification
Tritium	EPA 906.0	Interim Certification

END OF LIST