



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



LIESL EICHLER CLARK
DIRECTOR

January 5, 2023

Ms. Gina Roe
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444

Laboratory No: 8001
Effective Date: 1/5/2023

Dear Ms. Roe:

SUBJECT: Laboratory Certification

The information that was prepared and submitted to this office by your laboratory has been reviewed. Based on this information, the Department of Environment, Great Lakes, and Energy (EGLE) has certified your laboratory for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. Our certification for your laboratory by parameter is as follows:

Microbiology

Certified Parameters:

Total Coliform and E.coli (via Standard Methods, Method 9223B-04)
Enumeration of Total Coliform and E.coli (via the m-ColiBlue24® Test)
Heterotrophic Plate Count (via Standard Methods, Method 9215B-04)
Heterotrophic Bacteria (via the SimPlate Method, November 2000)

Inorganic Chemistry

Certified Parameters:

Barium, Beryllium, Calcium, Chromium, Copper, Magnesium, Manganese, Nickel,
Potassium and Sodium (via U.S. EPA Method 200.7)
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead,
Manganese, Nickel, Selenium, and Thallium (via U.S. EPA Method 200.8)
Mercury (via U.S. EPA Method 245.1)
Cyanide (via U.S. EPA Method 335.4)
Cyanide (via Method OIA-1677, DW, January 2004)
Nitrate and Nitrite (via U.S. EPA Method 353.2)
Chloride, Fluoride, Nitrate, Nitrite, and Sulfate (via U.S. EPA Method 300.0)
Nitrite (via Standard Methods, Method 4500-NO₂-B-11)
Orthophosphate (via Standard Methods, Method 4500-P-E-99)

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Organic Chemistry

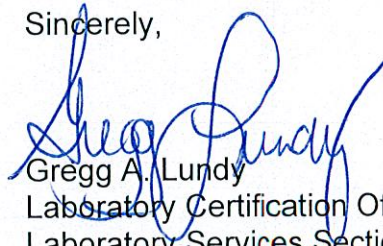
Certified Parameters:

Total Trihalomethanes (TTHMs), Vinyl Chloride, Regulated and Unregulated Volatile Organic Compounds (via U.S. EPA Method 524.2)
Haloacetic Acids (HAA5) (via U.S. EPA Method 552.3)

Our certification of Trace Analytical Laboratories, Inc., for the microbiological and chemical examination of drinking water is contingent on your continued compliance with state and federal regulations. Additionally, your certification is contingent on the submission of acceptable proficiency test sample results from a state-approved supplier on a running 12-month basis.

Our certification of your facility will expire on August 9, 2025. At your option, you may display the enclosed certificates. If you have questions regarding this information, please contact me by phone at 517-930-7040 or by email at lundyg@michigan.gov.

Sincerely,



Gregg A. Lundy
Laboratory Certification Officer
Laboratory Services Section
Remediation and Redevelopment Division

GL/ls

Enclosure

cc: EGLE DWEHD Grand Rapids District Office
Muskegon County Health Department

**Michigan Department of
Environment, Great Lakes, and Energy**



CERTIFIES:

Trace Analytical Laboratories, Inc.

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

CERTIFIED PARAMETERS

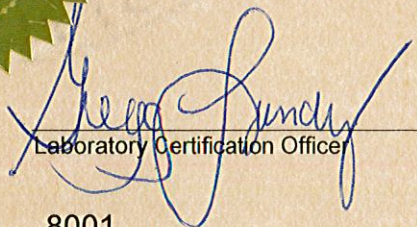
Haloacetic Acids, Total Trihalomethanes
Regulated and Unregulated Volatile Organic Compounds, Vinyl Chloride

**This certification requires maintenance of an acceptable quality assurance program,
use of approved methodology and equipment,
and satisfactory performance on evaluation samples.
This certification does not guarantee validity of data generated.**



August 9, 2025
Expiration Date

January 5, 2023
Effective Date


Laboratory Certification Officer

8001
Laboratory Number

**Michigan Department of
Environment, Great Lakes, and Energy**



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Total Coliform and E.coli
Enumeration of Total Coliform and E.coli
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Heterotrophic Plate Count

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CERTIFIED PARAMETERS

Antimony, Arsenic, Barium, Beryllium
Cadmium, Calcium, Chloride, Chromium, Copper, Cyanide,
Fluoride, Lead, Magnesium, Manganese, Mercury
Nickel, Nitrate, Nitrite, Orthophosphate, Potassium, Selenium, Sodium
Sulfate, Thallium

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