

**State of Michigan  
Department of Environmental Quality  
Remediation Division**



CERTIFIES:

**COLUMBIA ANALYTICAL SERVICES, INC.**

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

FULL CERTIFICATION

**INORGANIC CHEMISTRY**

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Lead, Nickel, and Selenium  
Thallium, Sodium and Copper  
Mercury  
Cyanide  
Bromide, Bromate, Nitrate, Nitrite, Fluoride, and Sulfate  
Perchlorate, Chlorate, and Chlorite

**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.**

July 8, 2012

Expiration Date


  
Chief of Laboratory Services

May 3, 2013

Fees Paid To Date

September 8, 2011

Issuance Date

  
Laboratory Certification Officer

9949

Laboratory Number



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ORGANIC CHEMISTRY

EDB and DBCP, Chlordane, PCBs as Arochlors, Toxaphene  
2,4-D, Dinoseb, Pentachlorophenol, Picloram, and Dicamba  
Total Trihalomethanes, Regulated and Unregulated Volatile Organic Chemicals  
Alachlor, Aldrin, Atrazine, Benzo(a)pyrene, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Butachlor  
Dieldrin, Endrin, Lindane, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene  
Methoxychlor, Metolachlor, Metribuzin, Propachlor, Silvex, and Simazine  
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbofuran, Oxamyl, 3-Hydroxycarbofuran, Carbaryl,  
Methomyl, and Total Organic Carbon  
Haloacetic Acids, Dalapon, Glyphosate, Endothal, and Diquat

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RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

September 8, 2011

Mr. Jeff Grindstaff and Ms. Julie Gish  
Columbia Analytical Services, Inc.  
1317 South 13<sup>th</sup> Avenue  
P.O. Box 479  
Kelso, WA 98626

Lab ID: 9949

Dear Mr. Grindstaff and Ms. Gish:

SUBJECT: Reciprocal Certification

The information supplied to this office by the State of Washington Department of Ecology and your laboratory has been reviewed. Based on the State of Washington Department of Ecology Certification of Columbia Analytical Services Inc., the Michigan Department of Environmental Quality (DEQ) will accept the results generated by your facility for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. The results that will be accepted are for the following contaminants and certification levels:

Inorganic Chemistry:

Full Certification:

Barium, Beryllium, Cadmium, Chromium, Copper, Nickel and Sodium  
(via U.S. EPA Method 200.7)

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium,  
and Thallium (via U.S. EPA Method 200.8)

Arsenic, Copper, Lead, Selenium and Thallium (via U.S. EPA Method 200.9)

Mercury (via U.S. EPA Method 245.1)

Fluoride, Nitrate, Nitrite, and Sulfate (via U.S. EPA Method 300.0)

Bromate, Bromide, Chlorate and Chlorite (via U.S. EPA Method 300.1)

Perchlorate (via U.S. EPA Method 314.0)

Cyanide (via U.S. EPA Method 335.4 and Standard Methods 20<sup>th</sup> Ed. Method 4500 CN-E)

Nitrate and Nitrite (via U.S. EPA Method 353.2)

Fluoride (via Standard Methods, 20<sup>th</sup> Ed. Method 4500 F-C)

Mr. Jeff Grindstaff and Ms. Julie Gish  
Columbia Analytical Services, Inc.  
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Organic Chemistry:  
Full Certification:

EDB and DBCP (via U.S. EPA Method 504.1)  
Aldrin, Chlordane, Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide, Lindane, Methoxychlor, PCBs as Arochlors (Screen), and Toxaphene (via U.S. EPA Method 508.1)  
2, 4-D, Dalapon, Dicamba, Dinoseb, Pentachlorophenol, Picloram and Silvex (via U.S. EPA Method 515.4)  
Total Trihalomethanes (TTHMs), Regulated and Unregulated Volatile Organic Compounds (via U.S. EPA Method 524.2)  
Alachlor, Atrazine, Benzo(a)pyrene, Butachlor, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Hexachlorobenzene, Hexachlorocyclopentadiene, Metolachlor, Metribuzin, Propachlor and Simazine (via U.S. EPA Method 525.2)  
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, 3-Hydroxycarbofuran, Methomyl and Oxamyl, (via U.S. EPA Method 531.1)  
Glyphosate (via U.S. EPA Method 547)  
Endothall (via U.S. EPA Method 548.1)  
Diquat (via U.S. EPA Method 549.2)  
Haloacetic Acids (HAA5) (via U.S. EPA Method 552.2)  
Total Organic Carbon (via Standard Methods, 20<sup>th</sup> Edition, Method 5310C)

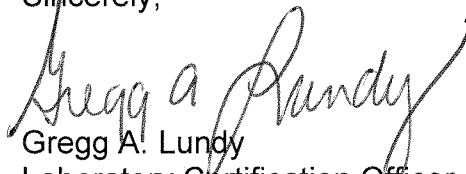
Our acceptance of results and certification of Columbia Analytical Services Inc. is contingent on your continued certification by the State of Washington Department of Ecology. In addition, your laboratory's certification in Michigan is contingent on your laboratory submitting to this office at least one full set of U.S. EPA performance evaluation study results per year throughout the certification period and the results of any on-site inspections conducted by the State of Washington Department of Ecology or its agents.

**Our certification of your facility will expire on July 8, 2012. Your certification fees are paid until May 3, 2013. Please forward your certificates and on-site inspection report once you renew your certification in your home State. You will be reissued reciprocal certification for the State of Michigan without charge until the expiration date of your home state exceeds the "Fees Paid To Date" on your Michigan certification. At that point, you will be assessed another fee for a three year period. Certification fees are non-refundable.**

Mr. Jeff Grindstone and Ms. Julie Gish  
Columbia Analytical Services, Inc.  
September 8, 2011  
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At your option, you may display the enclosed certificates. If you have questions regarding this information, please contact me, at 517-335-9219.

Sincerely,

A handwritten signature in black ink that reads "Gregg A. Lundy". The signature is written in a cursive style with a large, sweeping "G" and "L".

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

GL/mmb

Enclosure

CC: State of Washington Department of Ecology

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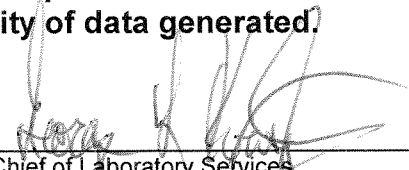
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