



**Montana Department of Public Health
and Human Services**

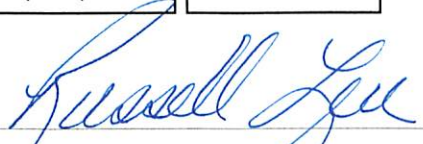
Recognizes that

**EMSL Analytical, Inc
Cinnaminson NJ**

has completed the requirements for Montana certification and is licensed to analyze Montana's Public Drinking Water Supplies. See attached listing.

Montana Certification Number:

Expiration Date:



Laboratory Certification Officer
DPHHS Environmental Laboratory

Effective Date: 04/01/19



DEPARTMENT OF
PUBLIC HEALTH AND HUMAN SERVICES
STATE OF MONTANA

ENVIRONMENTAL LABORATORY
CERTIFIED DRINKING WATER PARAMETERS

EMSL ANALYTICAL, INC.

200 Route 130 North
Cinnaminson, NJ 08077
Certification Number: CERT0016
Chemistry Expiration Date: 01/01/2020
Certified Drinking Water Parameter List

INORGANIC PARAMETERS

<u>Analyte</u>	<u>Method 1</u>	<u>Method 2</u>	<u>Method 3</u>
Aluminum	SM 3120 B	EPA 200.7	EPA 200.8
Barium	EPA 200.7	SM 3120 B	EPA 200.8
Beryllium	EPA 200.7	EPA 200.8	
Cadmium	EPA 200.7	EPA 200.8	
Chromium	EPA 200.7	SM 3120 B	EPA 200.8
Copper	EPA 200.7	SM 3111 B	EPA 200.8
Iron	EPA 200.7	SM 3120 B	
Lead	EPA 200.9	EPA 200.8	
Manganese	EPA 200.7	SM 3120 B	EPA 200.8
Mercury	EPA 245.1	SM 3112 B	
Nickel	EPA 200.7	SM 3120 B	EPA 200.8
Silica	EPA 200.7		
Silver	EPA 200.7	SM 3120 B	EPA 200.8
Sodium	EPA 200.7		
Thallium	EPA 200.9	EPA 200.8	
Zinc	EPA 200.7	SM 3120 B	EPA 200.8
Magnesium	EPA 200.7		
Calcium	EPA 200.7		
Calcium Hardness	EPA 200.7		
Total Hardness	EPA 200.7		
Asbestos	EPA 100.1	EPA 100.2	
Alkalinity	SM 2320 B		
Bromide	EPA 300.0		
Chloride	EPA 300.0		
Chlorine, Residual	SM 4500-CL G		
Color	SM 2120 B		
Conductivity	SM 2510 B		
Cyanide	SM 4500 CN-G	SM 4500 CN-E	
Fluoride	EPA 300.0		
Nitrate + Nitrite	EPA 300.0		
Nitrite	EPA 300.0		
Ortho Phosphorous	EPA 300.0		

<u>Analyte</u>	<u>Method 1</u>	<u>Method 2</u>
pH	EPA 150.1	SM 4500-H+ B

Date Issued: 12/4/18
RT

Laboratory Certification Officer

Sulfate	EPA 300.0	
Surfactants (Foaming Agents)	SM 5540 C.	
Temperature	SM 2550 B	
Total Dissolved Solids	SM 2540 C	
Turbidity	EPA 180.1	SM 2130 B

VOLATILE ORGANIC COMPOUNDS**Analyte** **Method 1**

Total Trihalomethanes	EPA 524.2
Benzene	EPA 524.2
Carbon Tetrachloride	EPA 524.2
Chlorobenzene	EPA 524.2
1,4 - Dichlorobenzene	EPA 524.2
1,3 - Dichlorobenzene	EPA 524.2
1,2 - Dichlorobenzene	EPA 524.2
1,2 - Dichloroethane	EPA 524.2
1,1 - Dichloroethylene	EPA 524.2
Trichlorethane(1,1,2-)	EPA 524.2
<i>Cis</i> - Dichloroethylene	EPA 524.2
<i>Trans</i> - Dichloroethylene	EPA 524.2
Dichloromethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
Ethyl Benzene	EPA 524.2
Methyl <i>tert</i> -butyl ether	EPA 524.2
Styrene	EPA 524.2
Tetrachloroethylene	EPA 524.2
Toluene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
Dichloroethene(1,1-)	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
Nitrobenzene	EPA 524.2
Acetone	EPA 524.2
Acrylonitrile	EPA 524.2
Allyl chloride	EPA 524.2
Butanone(2-)	EPA 524.2
Carbon disulfide	EPA 524.2
Chloroacetonitrile	EPA 524.2
Chlorobutane(1-)	EPA 524.2
Dichloro-2-butene(trans-1,4-)	EPA 524.2
Dichloropropanone(1,1-)	EPA 524.2
Diethyl ether	EPA 524.2
Ethyl methacrylate	EPA 524.2
Hexachloroethane	EPA 524.2
Hexanone(2-)	EPA 524.2
Methacrylonitrile	EPA 524.2
Methyl acrylate	EPA 524.2
Methyl iodide	EPA 524.2
Methyl methacrylate	EPA 524.2
Pentanone(4-methyl-2-)	EPA 524.2
Nitropropane(2-)	EPA 524.2
Pentachloroethane	EPA 524.2

Propionitrile	EPA 524.2	
<i>Tert</i> -butyl alcohol	EPA 524.2	
Tetrahydrofuran	EPA 524.2	
1,1,1-Trichloroethane	EPA 524.2	
Trichloroethylene	EPA 524.2	
Vinyl Chloride	EPA 524.2	
Xylenes (Total)	EPA 524.2	
1,1,1,2-Tetrachloroethane	EPA 524.2	
1,1,2,2-Tetrachloroethane	EPA 524.2	
1,1-Dichloroethane	EPA 524.2	
1,1-Dichloropropene	EPA 524.2	
1,2,3-Trichlorobenzene	EPA 524.2	
1,3,5-Trichlorobenzene	EPA 524.2	
1,2,3-Trichloropropane	EPA 524.2	
1,3-Dichloropropane	EPA 524.2	
Cis-1,3-Dichloropropene	EPA 524.2	
Trans-1,3-Dichloropropene	EPA 524.2	
Hexachlorobutadiene(1,3-)	EPA 524.2	
Isopropylbenzene	EPA 524.2	
Isopropyltoluene(4-)	EPA 524.2	
Propylbenzene(n-)	EPA 524.2	
2,2-Dichloropropane	EPA 524.2	
Bromobenzene	EPA 524.2	
Bromodichloromethane	EPA 524.2	
Bromoform	EPA 524.2	
Bromomethane	EPA 524.2	
Bromochloromethane	EPA 524.2	
Butyl benzene (n-)	EPA 524.2	
<i>Sec</i> -butylbenzene	EPA 524.2	
<i>Tert</i> -butylbenzene	EPA 524.2	
Chlorodibromomethane	EPA 524.2	
Chloroethane	EPA 524.2	
Chloroform	EPA 524.2	
Chloromethane	EPA 524.2	
Dibromomethane	EPA 524.2	
Dichlorodifluoromethane	EPA 524.2	
Fluorotrichloromethane	EPA 524.2	
Naphthalene	EPA 524.2	
2-Chlorotoluene	EPA 524.2	
4-Chlorotoluene	EPA 524.2	
Dibromo-3-chloropropane(1,2-)	EPA 524.2	EPA 504.1
Dibromoethane(1,2-)(EDB)	EPA 524.2	EPA 504.1