



DEPARTMENT OF
PUBLIC HEALTH AND HUMAN SERVICES
STATE OF MONTANA

ENVIRONMENTAL LABORATORY
CERTIFIED DRINKING WATER PARAMETERS

ENERGY LABORATORY, INC.
3161 East Lyndale
Helena, MT 59604
CERT0079
Chemistry Expiration 01/01/2018
Microbiology Expiration 01/01/2018

MICROBIOLOGY PARAMETERS

<u>PARAMETER</u>	<u>METHOD</u>
Total Coliforms	SM 9223 B
E. coli	SM 9223 B

<u>ENUMERATION</u>	<u>METHOD</u>
Total Coliforms	SM 9223 B
E. coli	SM 9223 B

INORGANIC PARAMETERS

<u>PARAMETER</u>	<u>METHOD 1</u>	<u>METHOD 2</u>
Aluminum	EPA 200.7	EPA 200.8
Arsenic	EPA 200.8	
Antimony	EPA 200.8	
Barium	EPA 200.7	EPA 200.8
Beryllium	EPA 200.7	EPA 200.8
Cadmium	EPA 200.7	EPA 200.8
Chromium	EPA 200.7	EPA 200.8
Copper	EPA 200.7	EPA 200.8
Nickel	EPA 200.7	EPA 200.8
Lead	EPA 200.8	
Selenium	EPA 200.8	
Thallium	EPA 200.8	
Uranium	EPA 200.8	
Mercury	EPA 200.8	EPA 245.1
Iron	EPA 200.7	EPA 200.8
Manganese	EPA 200.7	EPA 200.8
Silver	EPA 200.7	EPA 200.8
Zinc	EPA 200.7	EPA 200.8
Fluoride	SM 4500-F-C	EPA 300.0
Nitrate	EPA 353.2	EPA 300.0
Nitrite	EPA 353.2	EPA 300.0
Total Dissolved Solids	SM 2540 C	
Turbidity	SM2130B	
Conductivity	SM 2510 B	
Ortho-Phosphate	EPA 365.1	EPA 300.0
pH	SM4500-HB	
Sulfate	EPA 300.0	EPA 300.0
Alkalinity	SM 2320 B	
Chlorate	EPA 300.0	

Chlorate	EPA 300.1	
Chlorite	EPA 300.0	EPA 300.1
Chloride	EPA 300.0	
Bromide	EPA 300.0	
Bromate	EPA 300.0	EPA 300.1

VOLATILE ORGANIC COMPOUNDS

<u>PARAMETER</u>	<u>METHOD</u>
Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chlorodibromomethane	EPA 524.2
Chloroform	EPA 524.2
Total Trihalomethanes	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethylene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
Benzene	EPA 524.2
Carbon Tetrachloride	EPA 524.2
Chlorobenzene	EPA 524.2
cis-1,2-Dichloroethylene	EPA 524.2
Dichloromethane	EPA 524.2
Ethylbenzene	EPA 524.2
Styrene	EPA 524.2
Tetrachloroethylene	EPA 524.2
Toluene	EPA 524.2
trans-1,2-Dichloroethylene	EPA 524.2
Trichloroethylene	EPA 524.2
Vinyl Chloride	EPA 524.2
Xylenes	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-Dichloropropane	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2-Dibromoethane	EPA 524.2
1,2-Dibromo-3-Chloropropane	EPA 524.2
1,2,3-Trichlorobenzene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichlorobenzene	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromobenzene	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
Cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2

Dichlorodifluoromethane	EPA 524.2
Fluorotrichloromethane	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
Methyl tert Butyl ether (MTBE)	EPA 524.2
Naphthalene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
o-Chlorotoluene	EPA 524.2
p-Chlorotoluene	EPA 524.2
p-Isopropyltoluene	EPA 524.2
sec-Butylbenzene	EPA 524.2
tert-Butylbenzene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2