



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

Recognizes that

**Edge Analytical, Inc.
Burlington WA**

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: 01/01/2019



DEPARTMENT OF
PUBLIC HEALTH AND HUMAN SERVICES
STATE OF MONTANA

ENVIRONMENTAL LABORATORY
CERTIFIED DRINKING WATER PARAMETERS

Edge Analytical, Inc. - Burlington

1620 S. Walnut St.

Burlington, WA 98233

Montana Certification #: CERT0104

Chemistry Expiration Date 01/01/2020

INORGANIC PARAMETERS

<u>Analyte</u>	<u>Method 1</u>	<u>Method 2</u>
Aluminum	EPA 200.7	
Antimony	EPA 200.8	
Arsenic	EPA 200.8	
Barium	EPA 200.7	EPA 200.8
Beryllium	EPA 200.7	EPA 200.8
Boron	EPA 200.7	
Cadmium	EPA 200.7	EPA 200.8
Chromium	EPA 200.7	EPA 200.8
Chromium(VI)	EPA 218.6	
Copper	EPA 200.7	EPA 200.8
Iron	EPA 200.7	
Lead	EPA 200.8	
Manganese	EPA 200.7	EPA 200.8
Mercury	EPA 245.1	
Molybdenum	EPA 200.7	
Nickel	EPA 200.7	EPA 200.8
Selenium	EPA 200.8	
Silver	EPA 200.7	EPA 200.8
Sodium	EPA 200.7	
Thallium	EPA 200.8	
Uranium	EPA 200.8	
Vanadium	EPA 200.7	
Zinc	EPA 200.7	EPA 200.8
Magnesium	EPA 200.7	
Calcium	EPA 200.7	
Hardness	SM 2340 B 20 th Ed.	
Potassium	EPA 200.7	
Alkalinity	SM 2320 B 18 th Ed.	
Bromate	EPA 300.1	
Bromide	EPA 300.1	
Chlorate	EPA 300.1	
Chloride	EPA 300.0	
Chlorine	SM 4500-CL G 20 th Ed.	
Chlorite	EPA 300.1	

Conductivity	SM 2510 B 18 th Ed.	
Cyanide, available	OIA 1677	
Color	SM2120 B 18 th Ed	
Fluoride	EPA 300.0	
Nitrate as N	EPA 300.0	SM 4500-NO3 F 20 th Ed.
Nitrate & Nitrite	EPA 300.0	SM 4500-NO3 F 20 th Ed.
Nitrite as N	EPA 300.0	SM 4500-NO3 F 20 th Ed.
Odor	SM2150 B 18 th Ed.	
Orthophosphate as P	SM 4500-P F 18 th Ed.	
pH	SM 4500-H+ B 18 th Ed.	EPA 150.1
Sulfate	EPA 300.0	
Dissolved organic carbon	SM 5310 B 21 st Ed.	
Total organic carbon	SM 5310 B 21 st Ed.	
TDS	SM 2540 C 18 th Ed.	
Turbidity	EPA 180.1	
UV 254	SM 5910 B 20 th Ed.	

SYNTHETIC ORGANIC COMPOUNDS

<u>Analyte</u>	<u>Method 1</u>	<u>Method 2</u>
1,2,3-Trichloropropane	EPA 504.1	
4,4'-DDD	EPA 508.1	EPA 525.2
4,4'-DDE	EPA 508.1	EPA 525.2
4,4'-DDT	EPA 508.1	EPA 525.2
Acenaphthene	EPA 525.2	
Acenaphthylene	EPA 525.2	
Alachlor	EPA 525.2	
Aldrin	EPA 508.1	EPA 525.2
Atrazine	EPA 525.2	
alpha-BHC	EPA 508.1	EPA 525.2
alpha-Chlordane	EPA 508.1	EPA 525.2
Ametryn	EPA 525.2	
Anthracene	EPA 525.2	
Atrazine	EPA 525.2	
Benzo(a)anthracene	EPA 525.2	
Benzo(a)pyrene	EPA 525.2	
Benzo(g,h,i)perylene	EPA 525.2	
Benzo(k)fluoranthene	EPA 525.2	
Benzo(b)fluoranthene	EPA 525.2	
beta-BHC	EPA 508.1	EPA525.2
bis(2-Ethylhexyl)adipate	EPA 525.2	
Bromacil	EPA 525.2	
Butachlor	EPA 525.2	
Butylate	EPA 525.2	
Chlordane (tech.)	EPA 508.1	
Chlorobenzilate	EPA 525.2	
Chloroneb	EPA 525.2	
Chloroprotham	EPA 525.2	
Chlorpyrifos	EPA 525.2	
Chlorthalonil (Daconil)	EPA 525.2	
Chrysene	EPA 525.2	
cis-Permethrin	EPA 525.2	

Cycloate	EPA 525.2	
Dacthal (DCPA)	EPA 525.2	
delta-BHC	EPA 508.1	EPA 525.2
Di(2-E H)Phthalate	EPA 525.2	
Dibenz(a,h) anthracene	EPA 525.2	
Dichlorovos	EPA 525.2	
Dibromochloropropane (DBCP)	EPA 504.1	
Dieldrin	EPA 508.1	EPA 525.2
Diethyl phthalate	EPA 525.2	
Dimethyl phthalate	EPA 525.2	
Di-n-butyl phthalate	EPA 525.2	
Diphenamid	EPA 525.2	
Endosulfan I	EPA 508.1	EPA 525.2
Endosulfan II	EPA 508.1	EPA 525.2
Endosulfan sulfate	EPA 508.1	EPA 525.2
Endrin	EPA 508.1	EPA 525.2
Endrin aldehyde	EPA 508.1	EPA 525.2
EPTC (Eptam)	EPA 525.2	
Ethoprop	EPA 525.2	
Etridiazole	EPA 525.2	
Ethylenedibromide (EDB)	EPA 504.1	
Fenarimol	EPA 525.2	
Fluorene	EPA 525.2	
Gamma-Chlordane	EPA 508.1	EPA 525.2
Heptachlor	EPA 508.1	EPA 525.2
Heptachlor epoxide	EPA 508.1	EPA 525.2
Hexachlorobenzene	EPA 525.2	
Hexachlorocyclopentadiene	EPA 525.2	
Hexazinone	EPA 525.2	
Indeno(1,2,3-cd) pyrene	EPA 525.2	
Lindane (gamma-BHC)	EPA 508.1	EPA 525.2
Methoxychlor	EPA 508.1	EPA 525.2
Metolachlor	EPA 525.2	
Metribuzin	EPA 525.2	
Mevinphos	EPA 525.2	
MGK-264	EPA 525.2	
Molinate	EPA 525.2	
Naphthalene	EPA 525.2	
Napropamide	EPA 525.2	
Norflurazon	EPA 525.2	
PCB Arochlor Identification	EPA 508.1	
PCBs	EPA 508.1	
Pebulate	EPA 525.2	
Pentachlorophenol	EPA 525.2	
Phenanthrene	EPA 525.2	
Prometryn	EPA 525.2	
Pronamide (Kreb)	EPA 525.2	
Propachlor (Ramrod)	EPA 525.2	
Propazine	EPA 525.2	
Pyrene	EPA 525.2	
Simazine	EPA 525.2	

Simetryn	EPA 525.2
Terbacil	EPA 525.2
Terbutryn (Igran)	EPA 525.2
Tetrachlorvinphos	EPA 525.2
Toxaphene	EPA 508.1
trans-Permethrin	EPA 525.2
trans-Nonachlor	EPA 525.2
Triademefon	EPA 525.2
Trifluralin	EPA 525.2
Vernolate	EPA 525.2

CHLORINATED ACIDS

<u>Analyte</u>	<u>Method 1</u>
2,4,5-T	EPA 515.4
2,4-D	EPA 515.4
2,4-DB	EPA 515.4
3,5-Dichlorobenzoic acid	EPA 515.4
Acifluorfen	EPA 515.4
Bentazon	EPA 515.4
Chloramben	EPA 515.4
Dalapon	EPA 515.4
DCPA di acid degradate	EPA 515.4
DCPA mono-acid	EPA 515.4
Dicamba	EPA 515.4
Dichloroprop	EPA 515.4
Dinoseb	EPA 515.4
Pentachlorophenol	EPA 515.4
Picloram	EPA 515.4
Silvex (2,4,5-TP)	EPA 515.4

CARBAMATE PESTICIDES

<u>Analyte</u>	<u>Method 1</u>
3-Hydroxycarbofuran	EPA 531.2
Aldicarb	EPA 531.2
Aldicarb sulfone	EPA 531.2
Aldicarb sulfoxide	EPA 531.2
Carbaryl	EPA 531.2
Carbofuran	EPA 531.2
Methiocarb	EPA 531.2
Methomyl	EPA 531.2
Oxamyl	EPA 531.2 EPA 531.2
Propoxur	EPA 531.2

DISINFECTION BYPRODUCTS

<u>Analyte</u>	<u>Method 1</u>
Dibromoacetic Acid	EPA 552.3
Dichloroacetic Acid	EPA 552.3
Monobromoacetic Acid	EPA 552.3
Monochloroacetic Acid	EPA 552.3

Trichloroacetic Acid	EPA 552.3
Bromochloroacetic Acid	EPA 552.3
Total HAA5	EPA 552.3

VOLATILE ORGANIC COMPOUNDS

<u>Analyte</u>	<u>Method 1</u>
1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethylene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichlorobenzene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dibromo-3-chloropropane	EPA 524.2
1,2-Dibromoethane	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,3-Dichloropropane	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2,2-Dichloropropane	EPA 524.2
2-Butanone	EPA 524.2
2-Chlorotoluene	EPA 524.2
2-Hexanone	EPA 524.2
4-Chlorotoluene	EPA 524.2
4-Isopropyltoluene	EPA 524.2
4-Methyl-2-pentanone	EPA 524.2
Acetone	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Bromochloromethane	EPA 524.2
Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Carbon disulfide	EPA 524.2
Carbon Tetrachloride	EPA 524.2
Chlorobenzene	EPA 524.2
Chlorodibromomethane	EPA 524.2
Chloroethane	EPA 524.2
Chloroform	EPA 524.2
cis & trans-1,2-Dichloroethene	EPA 524.2
cis-1,2-Dichloropropene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Diethyl ether	EPA 524.2

Ethylbenzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
m+p-xylene	EPA 524.2
Methyl bromide	EPA 524.2
Methyl chloride	EPA 524.2
Methyl tert-butyl ether	EPA 524.2
Methylene chloride	EPA 524.2
Naphthalene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
o-xylene	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Tetrachloroethylene	EPA 524.2
Tetrahydrofuran	EPA 524.2
Toluene	EPA 524.2
Total trihalomethanes	EPA 524.2
trans-1,2-Dichloroethylene	EPA 524.2
trans-1,3-Dichloropropylene	EPA 524.2
Trichloroethylene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl Chloride	EPA 524.2
Xylenes (total)	EPA 524.2

EPA 522

1,4-Dioxane EPA 522.1

EPA 547

Glyphosate EPA 547

EPA 548.1

Endothall EPA 548.1

EPA 549.2

Diquat EPA 549.2

Paraquat EPA 549.2