



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

PO Box 4369 Helena MT 59604
1400 Broadway Helena MT 59620

phone: 406-444-2642
fax: 406-444-2617

Marcee Cameron
MSE Technical Applications Inc.
200 Technology Way
Butte MT 59702-

5/6/2009

MONTANA CERTIFICATE NUMBER CERT0041

Dear Ms. Cameron

Your laboratory has been granted approval for the analysis of drinking water compliance samples in the State of Montana in accordance with the Administrative Rules of Montana, Title 37 Chapter 12 Subchapter 3, "Licensure of Laboratories Conducting Analyses of Public Water Supplies". The current parameter list and certificate are attached.

The parameters for which your laboratory is certified must be analyzed with EPA's approved or recommend (for secondary parameters) drinking water methods.

The expiration date(s) for your Certificate is:

Chem Expiration Date 04/30/2012

Micro Expiration Date 04/30/2012

If you have any questions or concerns about you laboratory's parameter list, certificate or certification status, please feel free to contact me at 406-444-2642 or by e-mail at jhalm@mt.gov.

A handwritten signature in cursive script that reads "Judy Halm".

Judy Halm
State of Montana
Environmental Laboratory
Laboratory Certification Officer



DEPARTMENT OF
PUBLIC HEALTH AND HUMAN SERVICES
STATE OF MONTANA

ENVIRONMENTAL LABORATORY

CERTIFIED DRINKING WATER PARAMETERS

MSE TECHNOLOGY APPLICATIONS, INC.

200 Technology Way
Butte, Montana 59701

MONTANA CERTIFICATE NUMBER CERT0041

Chemistry Expiration Date: 4/30/2012

Microbiology Expiration Date: 4/30/2012

INORGANIC PARAMETERS

Analyte	Method 1	Method 2
Aluminum	EPA 200.7	EPA 200.8
Antimony	EPA 200.8	
Arsenic	EPA 200.8	
Barium	EPA 200.7	EPA 200.8
Beryllium	EPA 200.8	EPA 200.7
Boron	EPA 200.7	
Cadmium	EPA 200.7	EPA 200.8
Chromium	EPA 200.7	EPA 200.8
Copper	EPA 200.7	EPA 200.8
Iron	EPA 200.7	
Lead	EPA 200.8	
Manganese	EPA 200.7	EPA 200.8
Mercury	EPA 200.8	EPA 245.1
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	
Zinc	EPA 200.7	EPA 200.8
Magnesium	EPA 200.7	
Calcium	EPA 200.7	
Calcium Hardness as CaCO3	EPA 200.7 / SM 2340 B	SM 2340 C
Total Hardness as CaCO3	EPA 200.7 / SM 2340 B	SM 2340 C
Potassium	EPA 200.7	
Alkalinity	SM 2320 B	
Chloride	EPA 300.0	
Chlorine: Free, Total	SM 4500 CL G	
Conductivity	SM 2510 B	
Cyanide	SM 4500 CN E	EPA 335.4
Fluoride	EPA 300.0	SM 4500 F C
Nitrate & Nitrite as N	EPA 353.2	EPA 300.0
Nitrate as N	SM 4500 NO3 E	EPA 300.0
Nitrite as N	SM 4500 NO3 E	EPA 300.0
Ortho Phosphorous	SM 4500 P- F	EPA 365.1
pH	EPA 150.1	SM 4500 H ⁺ B

State of Montana Drinking Water Certification

MSE Analytical Laboratory

Certificate Expiration Date: 4/30/2012

Sulfate	EPA 300.0	
Total Dissolved Solids	SM 2540 C	
Turbidity	EPA 180.1	

MICROBIOLOGY

<u>Analyte</u>	<u>Method 1</u>	<u>Method 2</u>
Total Coliform	SM 9223 Colitag, Colisure	SM 9222 B
Fecal Coliform	SM 9222 D	



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

Recognizes that

MSE Technical Applications Inc.
Butte MT

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

Montana Certification Number:

CERT0041

Chemistry

Microbiology

Expiration Date:

04/30/2012

04/30/2012

Judy Halim

Judy Halim
Laboratory Certification Officer
DPHHS Environmental Laboratory

Effective Date: 4/30/2009