



**COLORADO**  
Department of Public  
Health & Environment

Dedicated to protecting and improving the health and environment of the people of Colorado

January 24, 2019

Cornelius Valkenburg, PhD  
Energy Laboratories, Inc.  
1120 South 27<sup>th</sup> Street  
Billings, MT 59101

RE: Chemistry Certification with the State of Colorado

Dear Dr. Valkenburg:

Enclosed is your new State of Colorado Chemistry Certificate and status report of certified analytes and approved methods dated February 1, 2019, which is effective through January 31, 2020. Certification is based on reciprocity from your Accrediting Authority, NELAC Florida Department of Health and your successful participation in recent Water Supply Proficiency Testing Studies for your requested and approved parameters.

This Certification must be renewed by **January 2020**. Renewal application, requirements and fee structure are available online.

Thank you for your interest in maintaining reciprocal certification with the State of Colorado. Should you have any questions or concerns, please feel free to contact me at (303) 692-3045.

Best Regards,

A handwritten signature in black ink, appearing to read 'Ben Chouaf', is written over a light blue horizontal line.

*Ben Chouaf, Certification Officer*  
*Laboratory Services Division*  
[ben.chouaf@atate.co.us](mailto:ben.chouaf@atate.co.us)  
<https://www.colorado.gov/cdphe/dwllabs>.

Enclosures: as stated.



# STATE OF COLORADO

## Department of Public Health and Environment

*Under Primacy Agreement with the United States Environmental Protection Agency  
Pursuant to the Safe Drinking Water Regulations, 40CFR, Part 141*

**Certifies**

### **ENERGY LABORATORIES, INC.**

**1120 South 27<sup>th</sup> Street**

**Billings, MT 59101**

**LAB ID: MT00005**

*is in compliance with the criteria and procedures of the EPA Manual for the Certification of Laboratories analyzing drinking water.  
The laboratory may perform Chemical analyses on public drinking water for the analytes listed on the scope of accreditation:*

### **CHEMISTRY**

**EFFECTIVE:**

**February 1, 2019 through January 31, 2020.**



**Jeff Groff, Laboratory Certification Program Manager  
Laboratory Services Division**





**STATE OF COLORADO  
LABORATORY SERVICES DIVISION  
CERTIFICATION PROGRAM  
SFAE DRINKING WATER ACT**



**Energy Laboratories, Inc.  
1120 South 27th Street  
Billings, MT 59105  
Lab ID: MT00005**

**CHEMISTRY**

PARAMETERS	METHOD	BEGIN DATE	END DATE	STATUS
<b><u>TRACE METALS</u></b>				
Antimony	EPA-200.8	2/1/2019	1/31/2020	(A)
Arsenic	EPA-200.8	2/1/2019	1/31/2020	(A)
Barium	EPA-200.7	2/1/2019	1/31/2020	(A)
Barium	EPA-200.8	2/1/2019	1/31/2020	(A)
Beryllium	EPA-200.7	2/1/2019	1/31/2020	(A)
Beryllium	EPA-200.8	2/1/2019	1/31/2020	(A)
Cadmium	EPA-200.7	2/1/2019	1/31/2020	(A)
Cadmium	EPA-200.8	2/1/2019	1/31/2020	(A)
Chromium	EPA-200.7	2/1/2019	1/31/2020	(A)
Chromium	EPA-200.8	2/1/2019	1/31/2020	(A)
Copper	EPA-200.7	2/1/2019	1/31/2020	(A)
Copper	EPA-200.8	2/1/2019	1/31/2020	(A)
Lead	EPA-200.8	2/1/2019	1/31/2020	(A)
Mercury	EPA-200.8	2/1/2019	1/31/2020	(A)
Mercury	EPA-245.1	2/1/2019	1/31/2020	(A)
Nickel	EPA-200.8	2/1/2019	1/31/2020	(A)
Selenium	EPA-200.8	2/1/2019	1/31/2020	(A)
Thallium	EPA-200.8	2/1/2019	1/31/2020	(A)
<b><u>ANIONS</u></b>				
Fluoride	EPA-300.0	2/1/2019	1/31/2020	(A)
Fluoride	SM-4500-FC	2/1/2019	1/31/2020	(A)
Nitrate-N	EPA-300.0	2/1/2019	1/31/2020	(A)
Nitrate-N	EPA-353.2	2/1/2019	1/31/2020	(A)
Nitrite-N	EPA-300.0	2/1/2019	1/31/2020	(A)
Nitrite-N	EPA-353.2	2/1/2019	1/31/2020	(A)
<b><u>MISCELLANEOUS</u></b>				
Bromide	EPA300.0	2/1/2018	1/31/2019	(A)
Endothall	EPA548.1	2/1/2018	1/31/2019	(A)
Total Cyanide	EPA335.4	2/1/2018	1/31/2019	(A)
Total Cyanide	Kedala-01	2/1/2018	1/31/2019	(A)
Total Cyanide	SM-4500 CN	2/1/2018	1/31/2019	(A)

*A: Approved  
N: Not Certified  
P: Provisional  
I: Interim*



PARAMETERS	METHOD	BEGIN DATE	END DATE	STATUS
<b><u>TOTAL TRIHALOMETHANES</u></b>				
Bromodichloromethane	EPA-524.2	2/1/2019	1/31/2020	(A)
Bromoform	EPA-524.2	2/1/2019	1/31/2020	(A)
Chlorodibromomethane	EPA-524.2	2/1/2019	1/31/2020	(A)
Chloroform	EPA-524.2	2/1/2019	1/31/2020	(A)
<b><u>VOLATILE ORGANICS</u></b>				
<b><u>V1 - DBCP/EDB</u></b>				
1,2-Dibromochloropropane	EPA-504.1	2/1/2019	1/31/2020	(A)
Ethylene dibromide	EPA-504.1	2/1/2019	1/31/2020	(A)
<b><u>V2</u></b> - Vinyl Chloride	EPA-524.2	2/1/2019	1/31/2020	(A)
<b><u>V3</u></b> - Regulated VOCs	EPA-524.2	2/1/2019	1/31/2020	(A)
Benzene	EPA-524.2	2/1/2019	1/31/2020	(A)
Carbon tetrachloride	EPA-524.2	2/1/2019	1/31/2020	(A)
1,2-Dichlorobenzene	EPA-524.2	2/1/2019	1/31/2020	(A)
1,2-Dichloroethane	EPA-524.2	2/1/2019	1/31/2020	(A)
1,1-Dichloroethylene	EPA-524.2	2/1/2019	1/31/2020	(A)
Trichloroethylene	EPA-524.2	2/1/2019	1/31/2020	(A)
Chlorobenzene	EPA-524.2	2/1/2019	1/31/2020	(A)
1,4-Dichlorobenzene	EPA-524.2	2/1/2019	1/31/2020	(A)
c-1,2-Dichloroethylene	EPA-524.2	2/1/2019	1/31/2020	(A)
t-1,2-Dichloroethylene	EPA-524.2	2/1/2019	1/31/2020	(A)
1,2-Dichloropropane	EPA-524.2	2/1/2019	1/31/2020	(A)
Ethylbenzene	EPA-524.2	2/1/2019	1/31/2020	(A)
Styrene	EPA-524.2	2/1/2019	1/31/2020	(A)
Tetrachloroethylene	EPA-524.2	2/1/2019	1/31/2020	(A)
Toluene	EPA-524.2	2/1/2019	1/31/2020	(A)
1,1,1-Trichloroethane	EPA-524.2	2/1/2019	1/31/2020	(A)
Total Xylenes	EPA-524.2	2/1/2019	1/31/2020	(A)
Dichloromethane	EPA-524.2	2/1/2019	1/31/2020	(A)
1,2,4-Trichlorobenzene	EPA-524.2	2/1/2019	1/31/2020	(A)
1,1,2-Trichloroethane	EPA-524.2	2/1/2019	1/31/2020	(A)
<b><u>HALOACETIC ACIDS</u></b>				
Chloroacetic Acid	EPA552.2	2/1/2019	1/31/2020	(A)
Dichloroacetic Acid	EPA552.2	2/1/2019	1/31/2020	(A)
Trichloroacetic Acid	EPA552.2	2/1/2019	1/31/2020	(A)
Bromoacetic Acid	EPA552.2	2/1/2019	1/31/2020	(A)
Dibromoacetic Acid	EPA552.2	2/1/2019	1/31/2020	(A)

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PARAMETERS	METHOD	BEGIN DATE	END DATE	STATUS
<b><u>PESTICIDES</u></b>				
Alachlor	EPA525.2	2/1/2019	1/31/2020	(A)
Chlordane	EPA525.2	2/1/2019	1/31/2020	(A)
Endrin	EPA525.2	2/1/2019	1/31/2020	(A)
Heptachlor	EPA525.2	2/1/2019	1/31/2020	(A)
Heptachlor epoxide	EPA525.2	2/1/2019	1/31/2020	(A)
Hexachlorobenzene	EPA525.2	2/1/2019	1/31/2020	(A)
Lindane	EPA525.2	2/1/2019	1/31/2020	(A)
Methoxychlor	EPA525.2	2/1/2019	1/31/2020	(A)
Simazine	EPA525.2	2/1/2019	1/31/2020	(A)
Toxaphene	EPA525.2	2/1/2019	1/31/2020	(A)
<b><u>HERBICIDES</u></b>				
2,4-D	EPA515.4	2/1/2019	1/31/2020	(A)
2,4,5-TP	EPA515.4	2/1/2019	1/31/2020	(A)
Dalapon	EPA515.4	2/1/2019	1/31/2020	(A)
Dinoseb	EPA515.4	2/1/2019	1/31/2020	(A)
Pentachlorophenol	EPA515.4	2/1/2019	1/31/2020	(A)
Picloram	EPA515.4	2/1/2019	1/31/2020	(A)
<b><u>PCBs, as</u></b>				
Aroclors	EPA-508A	2/1/2019	1/31/2020	(A)
Aroclors	EPA-525.2	2/1/2019	1/31/2020	(A)
<b><u>PAH</u></b>				
Benzo(a)pyrene	EPA-525.2	2/1/2019	1/31/2020	(A)
<b><u>ADIPATES / PHTHALATES</u></b>				
Bis-(2-ethylhexyl) Adipate	EPA-525.2	2/1/2019	1/31/2020	(A)
Bis-(2-ethylhexyl) Phthalate	EPA-525.2	2/1/2019	1/31/2020	(A)