

**WYOMING DEPARTMENT OF AGRICULTURE  
ANALYTICAL SERVICES**

1174 Snowy Range Road, Laramie, WY 82070

Phone: (307) 742-2984



Internet: <http://wyagric.state.wy.us/divisions/asl>

E-mail: [analytical.lab@wyo.gov](mailto:analytical.lab@wyo.gov)

City of Worland  
101 Grace Ave  
Worland, WY 82401

Sample ID : AA15834  
Date Collected : 10/25/2016 10:00  
Date Received : 10/26/2016 11:14  
Date Validated : 04/05/2017  
Sample Collector : BEN HALEY ROB KOCH

Phone : 307-347-8978 ext 121 | Email : [water\\_operator@yahoo.com](mailto:water_operator@yahoo.com)

Official or Service : Official

Sample Description : East Tank

Sample Comments:

Analyte	Method	Units	Results	Comments	Analyst Date Completed
Alkalinity	- 2320 B	mg/L	170		K OOLMAN 11/04/2016
Bicarbonate	- 2320 B	mg/L	170		K OOLMAN 11/04/2016
Carbonate	- 2320 B	mg/L	< 2.0		K OOLMAN 11/04/2016

Analyte	Method	Units	Results	Comments	Analyst Date Completed
Conductivity	- 2510 B	uS/cm	360	Conductivity test results are an estimation only due to the quality control indicating a high bias.	K OOLMAN 11/04/2016

Analyte	Method	Units	Results	Comments	Analyst Date Completed
pH	- 4500-H+ B		7.7		K OOLMAN 11/04/2016

Sample Number: AA15834

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I hereby certify that the above sample was analyzed by myself or my analyst:

L MURFITT

04/05/2017

4/5/2017 4:09:45PM Mountain Standard Time

Supervisor

Date

Analyte	Method	Units	Results	Comments	Analyst Date Completed
Arsenic	200.7	ppm	< 0.131		G CAMPBELL 01/24/2017
Barium	200.7	ppm	0.053		G CAMPBELL 01/24/2017
Boron	200.7	ppm	< 0.039		G CAMPBELL 01/24/2017
Cadmium	200.7	ppm	< 0.006		G CAMPBELL 01/24/2017
Calcium	200.7	ppm	36.2		G CAMPBELL 01/24/2017
Chromium	200.7	ppm	< 0.018		G CAMPBELL 01/24/2017
Copper	200.7	ppm	< 0.043		G CAMPBELL 01/24/2017
Iron	200.7	ppm	< 0.079		G CAMPBELL 01/24/2017
Lead	200.7	ppm	< 0.032		G CAMPBELL 01/24/2017
Magnesium	200.7	ppm	18.7		G CAMPBELL 01/24/2017
Manganese	200.7	ppm	< 0.006		G CAMPBELL 01/24/2017
Mercury	200.7	ppm	< 0.090		G CAMPBELL 01/24/2017
Potassium	200.7	ppm	1.07		G CAMPBELL 01/24/2017
Selenium	200.7	ppm	< 0.037		G CAMPBELL 01/24/2017
Sodium	200.7	ppm	2.37		G CAMPBELL 01/24/2017
Zinc	200.7	ppm	< 0.019		G CAMPBELL 01/24/2017

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Analyte	Method	Units	Results	Comments	Analyst Date Completed
Total Hardness	2340 B	mg/L	170		K OOLMAN 04/04/2017

Analyte	Method	Units	Results	Comments	Analyst Date Completed
TDS by ROE 180C	2540 C	mg/L	182		K OOLMAN 11/04/2016

Analyte	Method	Units	Results	Comments	Analyst Date Completed
Chloride	300	mg/L	< 1.0		K OOLMAN 10/28/2016
Fluoride	300	mg/L	0.3		K OOLMAN 10/28/2016
Nitrate (as N)	300	mg/L	0.53		K OOLMAN 10/28/2016
Nitrate + Nitrite - N	300	mg/L	0.53		K OOLMAN 10/28/2016
Nitrite (as N)	300	mg/L	< 0.05		K OOLMAN 10/28/2016
Sulfate	300	mg/L	12		K OOLMAN 10/28/2016

Analyte	Method	Units	Results	Comments	Analyst Date Completed
Silica	WC.004	ppm	12.2		G CAMPBELL 03/30/2017

Analyte	Method	Units	Results	Comments	Analyst Date Completed
Silver	WC.004 / 200.8	ppm	< 0.00002		G CAMPBELL 03/28/2017

The laboratory will only maintain testing results for 7 years.  
Copies must be requested within 7 years of result date.

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