

City of Custer Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served: 2,067 **System Population:** 2,067

Certified Operator: Mr Bob Morrison
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Custer, SD 57730
Work Phone: (605)673-4824
Home Phone: (605)673-5116
Cell Phone:
Fax: (605)673-2411
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622 Crook Street
Custer, SD 57730
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Fax:
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Other Contacts: Mayor Jared Carson
622 Crook Street
Custer, SD 57730
Work Phone:
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Last Inspection: October 22, 2014

Type of System: Community **Area Served:** Custer County

Number of Service Connections: 1,000 **Contamination Risk:** moderate

Water Produced And Used By The City of Custer Public Water System

PWS Owner Type: Local Government **Service Area:** Municipality

Contract Laboratory: Midcontinent Laboratory

Monitoring/Reporting - Entry Point

City of Custer

EPA ID: 0101

SAMPLING

Entry point: Plant 3 For Well #2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-14		
	B. Arsenic	Every nine years	Yes	Aug-14		
	C. Barium	Every nine years	Yes	Aug-14		
	D. Beryllium	Every nine years	Yes	Aug-14		
	E. Cadmium	Every nine years	Yes	Aug-14		
	F. Chromium	Every nine years	Yes	Aug-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Aug-14		
	J. Nickel	Every nine years	Yes	Aug-14		
	K. Selenium	Every nine years	Yes	Aug-14		
	L. Thallium	Every nine years	Yes	Aug-14		
2	Radiological Chemicals	Triennially	N/A			
3	VOC Chemicals		No	Aug-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Aug-14	2017	
	B. Method 524	Triennially	No	Aug-14	2017	
	C. Method 525	Triennially	No	Aug-14	2017	
	D. Method 531.1	Triennially	No	Aug-14	2017	
	E. Method 547	Triennially	No	Aug-14	2017	
	F. Method 548	Triennially	No	Aug-14	2017	
	G. Method 549	Triennially	No	Aug-14	2017	
5	Nitrate	Annually	N/A	Nov-15		
6	Nitrite	Triennially	N/A	Nov-15		

(These values are calculated from available data. Check correspondence for verification.)

Monitoring/Reporting - Entry Point

City of Custer

EPA ID: 0101

SAMPLING

Entry point: Plant 2 For Well #14

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-14		
	B. Arsenic	Every nine years	Yes	Aug-14		
	C. Barium	Every nine years	Yes	Aug-14		
	D. Beryllium	Every nine years	Yes	Aug-14		
	E. Cadmium	Every nine years	Yes	Aug-14		
	F. Chromium	Every nine years	Yes	Aug-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Aug-14		
	J. Nickel	Every nine years	Yes	Aug-14		
	K. Selenium	Every nine years	Yes	Aug-14		
	L. Thallium	Every nine years	Yes	Aug-14		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals		No	Aug-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Aug-14	2017	
	B. Method 524	Triennially	No	Aug-14	2017	
	C. Method 525	Triennially	No	Aug-14	2017	
	D. Method 531.1	Triennially	No	Aug-14	2017	
	E. Method 547	Triennially	No	Aug-14	2017	
	F. Method 548	Triennially	No	Aug-14	2017	
	G. Method 549	Triennially	No	Aug-14	2017	
5	Nitrate	Annually	N/A	Nov-15		
6	Nitrite	Triennially	N/A	Nov-15		

(These values are calculated from available data. Check correspondence for verification.)

Monitoring/Reporting - Entry Point

City of Custer

EPA ID: 0101

SAMPLING

Entry point: Plant 9 For Well #9 Fc 1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-14		
	B. Arsenic	Every nine years	Yes	Aug-14		
	C. Barium	Every nine years	Yes	Aug-14		
	D. Beryllium	Every nine years	Yes	Aug-14		
	E. Cadmium	Every nine years	Yes	Aug-14		
	F. Chromium	Every nine years	Yes	Aug-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Aug-14		
	J. Nickel	Every nine years	Yes	Aug-14		
	K. Selenium	Every nine years	Yes	Aug-14		
	L. Thallium	Every nine years	Yes	Aug-14		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals		No	Aug-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Aug-14	2017	
	B. Method 524	Triennially	No	Aug-14	2017	
	C. Method 525	Triennially	No	Aug-14	2017	
	D. Method 531.1	Triennially	No	Aug-14	2017	
	E. Method 547	Triennially	No	Aug-14	2017	
	F. Method 548	Triennially	No	Aug-14	2017	
	G. Method 549	Triennially	No	Aug-14	2017	
5	Nitrate	Annually	N/A	Nov-15		
6	Nitrite	Triennially	N/A	Nov-15		

(These values are calculated from available data. Check correspondence for verification.)

Bacteriological Monitoring

Bacteriological sampling and analysis: October 1, 2015 to October 1, 2016

A	Samples submitted:	<u>22</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>22</u>
E	Unsafe samples:	<u>0</u>
F	Repeat samples:	<u>0</u>
H	Groundwater Samples:	

Lead and Copper Monitoring

(These values are calculated from available data. Check correspondence for verification.)

A	Date Last Tested:	<u>August 23, 2016</u>
B	Samples required:	<u>10</u>
C	Sampling Frequency	<u>Annually</u>
D	Date Due Next	<u>2017</u>
E	Lead - 90% Level	<u>2</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>1.26</u> Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: October 1, 2015 to October 1, 2016

A	Samples submitted:	<u>22</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.53</u> mg/l
D	Running Annual Average:	<u>0.44</u> mg/l
E	Date of last DBP test:	<u>September 28, 2015</u>
F	THM - Qtr Average:	<u>42.6</u> ug/l
G	Haa5 - Qtr Average:	<u>0</u> ug/l

Asbestos

A	Date of last test:	<u>Waiver - Testing Not Required</u>
B	Asbestos Result:	<u></u> million fibers per liter

Comments

Violations and Significant Deficiencies

City of Custer

EPA ID: 0101

Violations From

October 1, 2011

To

October 1, 2016

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected