

Town of Keystone Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



This system is not a candidate for an award:

Violation

Population Served:	370	System Population:	370
Certified Operator:	Mr Jerry Przybylski PO Box 689 Keystone, SD 57751-0689	Work Phone:	(605)666-4827
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	townofkeystone@mt-rushmore.net
Financial Contact:	Ms Vanessa Row PO Box 689 Keystone, SD 57751-0689	Work Phone:	(605)666-4827
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	cityclerk@mt-rushmore.net
Other Contacts:	President Kwinn Neff PO Box 689 Keystone, SD 57751-0689	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	May 11, 2016		
Type of System:	Community	Area Served:	Pennington County
Number of Service Connections:	234	Contamination Risk:	moderate
Water Produced And Used By The Town of Keystone Public Water System			
PWS Owner Type:	Local Government	Service Area:	Municipality
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Town of Keystone

EPA ID: 1082

SAMPLING

Entry point: Treat Site - #5

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	May-16		
	B. Arsenic	Triennially	No	May-16		
	C. Barium	Triennially	No	May-16		
	D. Beryllium	Triennially	No	May-16		
	E. Cadmium	Triennially	No	May-16		
	F. Chromium	Triennially	No	May-16		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	May-16		
	I. Mercury	Triennially	No	May-16		
	J. Nickel	Triennially	No	May-16		
	K. Selenium	Triennially	No	May-16		
	L. Thallium	Triennially	No	May-16		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Aug-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	*bad date*		
	B. Method 524	Triennially	No	*bad date*		
	C. Method 525	Triennially	No	*bad date*		
	D. Method 531.1	Triennially	No	*bad date*		
	E. Method 547	Triennially	No	*bad date*		
	F. Method 548	Triennially	No	*bad date*		
	G. Method 549	Triennially	No	*bad date*		
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-16		

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

Monitoring/Reporting - Entry Point

Town of Keystone

EPA ID: 1082

SAMPLING

Entry point: Treat Site - #4

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jun-13		
	B. Arsenic	Every nine years	Yes	Jun-13		
	C. Barium	Every nine years	Yes	Jun-13		
	D. Beryllium	Every nine years	Yes	Jun-13		
	E. Cadmium	Every nine years	Yes	Jun-13		
	F. Chromium	Every nine years	Yes	Jun-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Jun-13		
	I. Mercury	Every nine years	Yes	Jun-13		
	J. Nickel	Every nine years	Yes	Jun-13		
	K. Selenium	Every nine years	Yes	Jun-13		
	L. Thallium	Every nine years	Yes	Jun-13		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Nov-13	2016	
	B. Method 524	Triennially	No	Nov-13	2016	
	C. Method 525	Triennially	No	Nov-13	2016	
	D. Method 531.1	Triennially	No	Nov-13	2016	
	E. Method 547	Triennially	No	Nov-13	2016	
	F. Method 548	Triennially	No	Nov-13	2016	
	G. Method 549	Triennially	No	Nov-13	2016	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-16		

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

Monitoring/Reporting - Entry Point

Town of Keystone

EPA ID: 1082

SAMPLING

Entry point: Treat Site - #1 #2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jun-13		
	B. Arsenic	Every nine years	Yes	Jun-13		
	C. Barium	Every nine years	Yes	Jun-13		
	D. Beryllium	Every nine years	Yes	Jun-13		
	E. Cadmium	Every nine years	Yes	Jun-13		
	F. Chromium	Every nine years	Yes	Jun-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Jun-13		
	I. Mercury	Every nine years	Yes	Jun-13		
	J. Nickel	Every nine years	Yes	Jun-13		
	K. Selenium	Every nine years	Yes	Jun-13		
	L. Thallium	Every nine years	Yes	Jun-13		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Nov-13	2016	
	B. Method 524	Triennially	No	Nov-13	2016	
	C. Method 525	Triennially	No	Nov-13	2016	
	D. Method 531.1	Triennially	No	Nov-13	2016	
	E. Method 547	Triennially	No	Nov-13	2016	
	F. Method 548	Triennially	No	Nov-13	2016	
	G. Method 549	Triennially	No	Nov-13	2016	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-16		

(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>31</u>
B Samples required:	<u>One Sample Each Month.</u>
C Survey samples:	<u>0</u>
D Safe samples:	<u>24</u>
E Unsafe samples:	<u>7</u>
F Repeat samples:	<u>12</u>
H Groundwater Samples:	<u></u>

Lead and Copper Monitoring

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

A Date Last Tested:	<u>July 28, 2016</u>
B Samples required:	<u>10</u>
C Sampling Frequency	<u>Every Six Months</u>
D Date Due Next	<u></u>
E Lead - 90% Level	<u>3</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.21</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>31</u>
B Samples required:	<u>One Sample Each Month.</u>
C Last Qtr Cl Residual:	<u>0.46</u> mg/l
D Running Annual Average:	<u>0.46</u> mg/l
E Date of last DBP test:	<u>No Tests</u>
F THM - Qtr Average:	<u></u> ug/l
G Haa5 - Qtr Average:	<u></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

Town of Keystone

EPA ID: 1082

Violations From October 1, 2011 To October 1, 2016

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	10/01/2015	Public Notice Requested
	Bacteriological		Compliance Achieved
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	09/01/2015	Public Notice Requested
	Bacteriological		Compliance Meeting Conducted
	Bacteriological		Compliance Achieved
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	06/01/2015	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Compliance Meeting Conducted

Significant Deficiency	Date Identified	Date Corrected