

Town of Keystone Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	370	System Population:	370
Certified Operator:	Mr Jerry Przybylski PO Box 689 Keystone, SD 57751-0689	Work Phone:	(605)666-4827
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Financial Contact:	Ms Vanessa Row PO Box 689 Keystone, SD 57751-0689	Work Phone:	(605)666-4827
		Home Phone:	
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Other Contacts:	President Sandra McLain PO Box 689 Keystone, SD 57751-0689	Work Phone:	
		Home Phone:	
		Cell Phone:	
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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 - Well #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	Quarterly	N/A			
3	VOC Chemicals	Quarterly	No	Feb-17	2018	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Apr-17	2019	
	B. Method 524	Triennially	No	Apr-17	2019	
	C. Method 525	Triennially	No	Apr-17	2019	
	D. Method 531.1	Triennially	No	Apr-17	2019	
	E. Method 547	Triennially	No	Apr-17	2019	
	F. Method 548	Triennially	No	Apr-17	2019	
	G. Method 549	Triennially	No	Apr-17	2019	
5	Nitrate	Annually	N/A	Oct-17		
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 - Well #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	Quarterly	No	May-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-16	2019	
	B. Method 524	Triennially	No	Jul-16	2019	
	C. Method 525	Triennially	No	Jul-16	2019	
	D. Method 531.1	Triennially	No	Jul-16	2019	
	E. Method 547	Triennially	No	Jul-16	2019	
	F. Method 548	Triennially	No	Jul-16	2019	
	G. Method 549	Triennially	No	Jul-16	2019	
5	Nitrate	Annually	N/A	Oct-17		
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 - Well #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	Quarterly	No	May-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-16	2019	
	B. Method 524	Triennially	No	Jul-16	2019	
	C. Method 525	Triennially	No	Jul-16	2019	
	D. Method 531.1	Triennially	No	Jul-16	2019	
	E. Method 547	Triennially	No	Jul-16	2019	
	F. Method 548	Triennially	No	Jul-16	2019	
	G. Method 549	Triennially	No	Jul-16	2019	
5	Nitrate	Annually	N/A	Oct-17		
6	Nitrite	Triennially	N/A	May-16		

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

Bacteriological Monitoring

Bacteriological sampling and analysis: January 1, 2017 to January 1, 2018

A	Samples submitted:	<u>12</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>12</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>June 23, 2017</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Annually</u>
D	Date Due Next	<u>2018</u>
E	Lead - 90% Level	<u>4.5</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.265</u> Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: January 1, 2017 to January 1, 2018

A	Samples submitted:	<u>12</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.42</u> mg/l
D	Running Annual Average:	<u>0.55</u> mg/l
E	Date of last DBP test:	<u>September 13, 2016</u>
F	THM - Qtr Average:	<u>20</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

Town of Keystone

EPA ID: 1082

Violations From January 1, 2013 To January 1, 2018

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

Significant Deficiency	Date Identified	Date Corrected