

Spearfish Meadows Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	87	System Population:	87
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Other Contacts:	Mr Doug Deppe 5 Jerry Road Spearfish, SD 57783	Work Phone:	
		Home Phone:	
		Cell Phone:	
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		Email:	
Last Inspection:	November 17, 2015		
Type of System:	Community	Area Served:	Lawrence County
Number of Service Connections:	30	Contamination Risk:	low
Water Produced And Used By The Spearfish Meadows Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	Housing Development
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Spearfish Meadows

EPA ID: 0875

SAMPLING

Entry point: Treat Site - CI Point

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	May-13		
	B. Arsenic	Every nine years	Yes	May-13		
	C. Barium	Every nine years	Yes	May-13		
	D. Beryllium	Every nine years	Yes	May-13		
	E. Cadmium	Every nine years	Yes	May-13		
	F. Chromium	Every nine years	Yes	May-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	May-13		
	I. Mercury	Every nine years	Yes	May-13		
	J. Nickel	Every nine years	Yes	May-13		
	K. Selenium	Every nine years	Yes	May-13		
	L. Thallium	Every nine years	Yes	May-13		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Quarterly	No	Apr-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	Feb-17		
6	Nitrite	Triennially	N/A	Apr-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>August 1, 2016</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2019</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: 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>0.37</u> mg/l
D	Running Annual Average:	<u>0.38</u> mg/l
E	Date of last DBP test:	<u>August 2, 2016</u>
F	THM - Qtr Average:	<u>0</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

Spearfish Meadows

EPA ID: 0875

Violations From January 1, 2013 To January 1, 2018

Violation Type	Parameter	Date	Status
Failure To Address Significant Deficiency On	Groundwater Rule	10/01/2016	Intentional No-Action
	Groundwater Rule		Compliance Achieved
Failure to Take Source Samples	E. Coli	10/17/2015	Public Notice Requested
	E. Coli		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected