

# Spearfish Meadows Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



**This system is not a candidate for an award:**

Violation

<b>Population Served:</b>	87	<b>System Population:</b>	87
<b>Certified Operator:</b>	Mr Mike Kyte 1221 N Main Street Spearfish, SD 57783	<b>Work Phone:</b>	(605)645-1276
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		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	mwkyte@spe.midco.net
<b>Financial Contact:</b>	Ms Elaine Baker 6 Pioneer Lane Spearfish, SD 57783-2107	<b>Work Phone:</b>	
		<b>Home Phone:</b>	(605)722-5002
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	elaine@rushmore.com
<b>Other Contacts:</b>	Mr Doug Deppe 5 Jerry Road Spearfish, SD 57783	<b>Work Phone:</b>	
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	
<b>Last Inspection:</b>	November 17, 2015		
<b>Type of System:</b>	Community	<b>Area Served:</b>	Lawrence County
<b>Number of Service Connections:</b>	30	<b>Contamination Risk:</b>	low
<b>Water Produced And Used By The Spearfish Meadows Public Water System</b>			
<b>PWS Owner Type:</b>	Private Ownership	<b>Service Area:</b>	Housing Development
<b>Contract Laboratory:</b>			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		No	Apr-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	May-13	2016	
	B. Method 524	Triennially	No	May-13	2016	
	C. Method 525	Triennially	No	May-13	2016	
	D. Method 531.1	Triennially	No	May-13	2016	
	E. Method 547	Triennially	No	May-13	2016	
	F. Method 548	Triennially	No	May-13	2016	
	G. Method 549	Triennially	No	May-13	2016	
5	Nitrate	Annually	N/A	Apr-16		
6	Nitrite	Triennially	N/A	Apr-16		

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

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### Bacteriological Monitoring

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

A	Samples submitted:	<u>19</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>18</u>
E	Unsafe samples:	<u>1</u>
F	Repeat samples:	<u>4</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>2016</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>19</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.43</u> mg/l
D	Running Annual Average:	<u>0.44</u> mg/l
E	Date of last DBP test:	<u>August 5, 2013</u>
F	THM - Qtr Average:	<u>8.47</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

October 1, 2011

To

October 1, 2016

Violation Type	Parameter	Date	Status
Failure to Take Source Samples	E. Coli	10/17/2015	Public Notice Requested
	E. Coli		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected