

Rushmore Ranch Estates Drinking Water Information

(General Information and Sampling Requirements as of February 16, 2022)

2020 Certificate of Achievement Award.

Population Served:	153	System Population:	153
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Other Contacts:	Mr Don Peterson 26858 Highway 385 Hot Springs, SD 57747	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	November 17, 2021	Area Served:	Pennington County
Type of System:	Community	Contract Laboratory:	Midcontinent Laboratory
Service Connections:	61	Contamination Risk:	moderate
PWS Owner Type:	Private Ownership	Service Area:	Housing Development

Water Produced And Used By The Rushmore Ranch Estates Public Water System

Monitoring/Reporting - Entry Point

Rushmore Ranch Estates

EPA ID: 2212

SAMPLING

Entry point: Treat Site Well #2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Dec-13		
	B. Arsenic	Triennially	No	Apr-19		
	C. Barium	Every nine years	Yes	Dec-13		
	D. Beryllium	Every nine years	Yes	Dec-13		
	E. Cadmium	Every nine years	Yes	Dec-13		
	F. Chromium	Every nine years	Yes	Dec-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Dec-13		
	I. Mercury	Every nine years	Yes	Dec-13		
	J. Nickel	Every nine years	Yes	Dec-13		
	K. Selenium	Every nine years	Yes	Dec-13		
	L. Thallium	Every nine years	Yes	Dec-13		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Triennially	No	Apr-19		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Apr-19	2022	
	B. Method 524	Triennially	No	Apr-19	2022	
	C. Method 525	Triennially	No	Apr-19	2022	
	D. Method 531.1	Triennially	No	Apr-19	2022	
	E. Method 547	Triennially	No	Apr-19	2022	
	F. Method 548	Triennially	No	Apr-19	2022	
	G. Method 549	Triennially	No	Apr-19	2022	
5	Nitrate	Annually	N/A	Dec-21		
6	Nitrite	Triennially	N/A	Dec-21		

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

Bacteriological Monitoring

Bacteriological sampling and analysis: January 1, 2021 to January 1, 2022

A	Samples submitted:	<u>12</u>
B	Samples required:	<u>One Sample Monthly.</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 18, 2019</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2022</u>
E	Lead - 90% Level	<u>1.5</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.16</u> Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: January 1, 2021 to January 1, 2022

A	Samples submitted:	<u>12</u>
B	Samples required:	<u>One Sample Monthly.</u>
C	Last Qtr CI Residual:	<u>0.8</u> mg/l
D	Running Annual Average:	<u>0.96</u> mg/l
E	Date of last DBP test:	<u>September 18, 2019</u>
F	THM - Qtr Average:	<u>43.5</u> ug/l
G	Haa5 - Qtr Average:	<u>0</u> ug/l

Asbestos

A	Date of last test:	<u></u>
B	Asbestos Result:	<u></u> million fibers per liter

Comments

Violations and Significant Deficiencies

Rushmore Ranch Estates

EPA ID: 2212

Violations From **January 1, 2017** To **January 1, 2022**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected