

Rushmore Ranch Estates Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)

This system is not a candidate for an award:

Violation

Population Served:	128	System Population:	128
Certified Operator:	Mr Ed Striebel 7005 Timberline Road Black Hawk, SD 57718	Work Phone:	(605)787-5653
		Home Phone:	(605)721-6529
		Cell Phone:	
		Fax:	
		Email:	estriebe1@rap.midco.net
Financial Contact:	Mr Ed Striebel 7005 Timberline Road Black Hawk, SD 57718	Work Phone:	(605)787-5653
		Home Phone:	(605)721-6529
		Cell Phone:	
		Fax:	
		Email:	estriebe1@rap.midco.net
Other Contacts:			
Last Inspection:	September 29, 2015		
Type of System:	Community	Area Served:	Pennington County
Number of Service Connections:	51	Contamination Risk:	moderate
Water Produced And Used By The Rushmore Ranch Estates Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	Housing Development
Contract Laboratory:			Midcontinent Laboratory

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	Nov-16		
	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	Quarterly	No	Nov-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Apr-16	2019	
	B. Method 524	Triennially	No	Apr-16	2019	
	C. Method 525	Triennially	No	Apr-16	2019	
	D. Method 531.1	Triennially	No	Apr-16	2019	
	E. Method 547	Triennially	No	Apr-16	2019	
	F. Method 548	Triennially	No	Apr-16	2019	
	G. Method 549	Triennially	No	Apr-16	2019	
5	Nitrate	Annually	N/A	Sep-17		
6	Nitrite	Triennially	N/A	Jul-15		

(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>September 12, 2017</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>1.95</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.465</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>0.83</u> mg/l
D	Running Annual Average:	<u>0.8</u> mg/l
E	Date of last DBP test:	<u>September 27, 2017</u>
F	THM - Qtr Average:	<u>31.2</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

Rushmore Ranch Estates

EPA ID: 2212

Violations From January 1, 2013 To January 1, 2018

Violation Type	Parameter	Date	Status
Follow-up Tap Sample Monitoring Violation	Lead/Copper	10/01/2016	Public Notice Requested
	Lead/Copper		Public Notice Received
	Lead/Copper		Compliance Achieved
DBP Failure To Monitor	Haloacetic Acids (HAA5)	08/01/2016	Public Notice Requested
	Haloacetic Acids (HAA5)		Public Notice Received
	Haloacetic Acids (HAA5)		Compliance Achieved
DBP Failure To Monitor	Trihalomethane (THM)	08/01/2016	Public Notice Requested
	Trihalomethane (THM)		Public Notice Received
	Trihalomethane (THM)		Compliance Achieved
DBP Failure To Monitor	Chlorine	07/01/2016	Public Notice Requested
	Chlorine		Compliance Achieved
FTM-Routine Samples	RTCR	09/01/2016	Public Notice Requested
	RTCR		Compliance Achieved
Lack of Certified Operator	Certified Operator	02/01/2015	Reminder Notice
	DBP		Compliance Achieved
DBP Failure To Monitor	Chlorine	01/01/2014	Public Notice Requested
	Chlorine		Compliance Achieved
	Chlorine		Public Notice Received

Significant Deficiency	Date Identified	Date Corrected