

Rapid Valley Sanitary District Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



Secretary Award For Drinking Water Excellence

Population Served: 9,075 **System Population:** 9,075

Certified Operator: Mr Rusty Schmidt
4611 Teak Drive
Rapid City, SD 57703

Work Phone: (605)393-1050
Home Phone:
Cell Phone:
Fax: (605)393-1051
Email: rschmidt@rvsd.com

Financial Contact: Ms Marty Garwood
4611 Teak Drive
Rapid City, SD 57703

Work Phone: (605)393-1050
Home Phone:
Cell Phone:
Fax: (605)393-1051
Email: water@rvsd.com

Other Contacts:

Last Inspection: October 21, 2015

Type of System: Community

Area Served: Pennington County

Number of Service Connections: 3,770

Contamination Risk: moderate

Water Produced And Used By The Rapid Valley Sanitary District Public Water System

PWS Owner Type: Private Ownership

Service Area: Rural Water System/Colonies

Contract Laboratory: Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Rapid Valley Sanitary District

EPA ID: 0274

SAMPLING

Entry point: New Micro Filtration Plant

Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals				
	A. Antimony	Every nine years	Yes	May-12	
	B. Arsenic	Every nine years	Yes	May-12	
	C. Barium	Every nine years	Yes	May-12	
	D. Beryllium	Every nine years	Yes	May-12	
	E. Cadmium	Every nine years	Yes	May-12	
	F. Chromium	Every nine years	Yes	May-12	
	G. Cyanide		Yes		State-wide waiver
	H. Fluoride		No		This system fluoridates
	I. Mercury	Every nine years	Yes	May-12	
	J. Nickel	Every nine years	Yes	May-12	
	K. Selenium	Every nine years	Yes	May-12	
	L. Thallium	Every nine years	Yes	May-12	
2	Radiological Chemicals	Every nine years	N/A		
3	VOC Chemicals	Quarterly	No	Mar-17	2018
4	SOC Chemicals				
	A. Method 515.1	Triennially	No	Apr-15	2018
	B. Method 524	Triennially	No	Apr-15	2018
	C. Method 525	Triennially	No	Apr-15	2018
	D. Method 531.1	Triennially	No	Apr-15	2018
	E. Method 547	Triennially	No	Apr-15	2018
	F. Method 548	Triennially	No	Apr-15	2018
	G. Method 549	Triennially	No	Apr-15	2018
5	Nitrate	Annually-2nd Qtr	N/A	Apr-17	
6	Nitrite	Triennially	N/A	Apr-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>123</u>
B	Samples required:	<u>Ten Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>122</u>
E	Unsafe samples:	<u>1</u>
F	Repeat samples:	<u>3</u>
H	Groundwater Samples:	

Lead and Copper Monitoring

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

A	Date Last Tested:	<u>July 7, 2015</u>
B	Samples required:	<u>20</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2018</u>
E	Lead - 90% Level	<u>2</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.19</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>123</u>
B	Samples required:	<u>Ten Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>1.18</u> mg/l
D	Running Annual Average:	<u>1.25</u> mg/l
E	Date of last DBP test:	<u>November 8, 2017</u>
F	THM - Qtr Average:	<u>42.1</u> ug/l
G	Haa5 - Qtr Average:	<u>25.15</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

Rapid Valley Sanitary District

EPA ID: 0274

Violations From **January 1, 2013** To **January 1, 2018**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected