

Rapid Valley Sanitary District Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

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

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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		No	Feb-16		
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-16		
6	Nitrite	Triennially	N/A	Apr-15		

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

Bacteriological Monitoring

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

A	Samples submitted:	<u>110</u>
B	Samples required:	<u>Ten Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>110</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>July 7, 2015</u>
B	Samples required:	<u>20</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2015</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: October 1, 2015 to October 1, 2016

A	Samples submitted:	<u>110</u>
B	Samples required:	<u>Ten Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.99</u> mg/l
D	Running Annual Average:	<u>1.11</u> mg/l
E	Date of last DBP test:	<u>July 14, 2016</u>
F	THM - Qtr Average:	<u>49.45</u> ug/l
G	Haa5 - Qtr Average:	<u>17.35</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 **October 1, 2011** To **October 1, 2016**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected