

City of Vermillion Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



Secretary Award For Drinking Water Excellence

Population Served: 10,571 **System Population:** 10,571

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Work Phone:
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Last Inspection: September 9, 2015

Type of System: Community **Area Served:** Clay County

Number of Service Connections: 2,989 **Contamination Risk:** low

Water Produced And Used By The City of Vermillion Public Water System

PWS Owner Type: Local Government **Service Area:** Municipality

Contract Laboratory: State Health Lab, Pierre

Monitoring/Reporting - Entry Point

City of Vermillion

EPA ID: 0342

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Nov-11		
	B. Arsenic	Every nine years	Yes	Nov-11		
	C. Barium	Every nine years	Yes	Nov-12		
	D. Beryllium	Every nine years	Yes	Nov-11		
	E. Cadmium	Every nine years	Yes	Nov-12		
	F. Chromium	Every nine years	Yes	Nov-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Oct-17		
	I. Mercury	Every nine years	Yes	Nov-12		
	J. Nickel	Every nine years	Yes	Nov-11		
	K. Selenium	Every nine years	Yes	Nov-12		
	L. Thallium	Every nine years	Yes	Nov-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals	Quarterly	No	Sep-15	2018	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Nov-15	2018	
	B. Method 524	Triennially	No	Nov-15	2018	
	C. Method 525	Triennially	No	Nov-15	2018	
	D. Method 531.1	Triennially	No	Nov-15	2018	
	E. Method 547	Triennially	No	Nov-15	2018	
	F. Method 548	Triennially	No	Nov-15	2018	
	G. Method 549	Triennially	No	Nov-15	2018	
5	Nitrate	Annually	N/A	May-17		
6	Nitrite	Triennially	N/A	Nov-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>120</u>
B Samples required:	<u>Ten Samples Each Month.</u>
C Survey samples:	<u>0</u>
D Safe samples:	<u>120</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 5, 2015</u>
B Samples required:	<u>30</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2018</u>
E Lead - 90% Level	<u>1.1</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.02</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>120</u>
B Samples required:	<u>Ten Samples Each Month.</u>
C Last Qtr Cl Residual:	<u>0.94</u> mg/l
D Running Annual Average:	<u>1.11</u> mg/l
E Date of last DBP test:	<u>August 29, 2017</u>
F THM - Qtr Average:	<u>8.32</u> ug/l
G Haa5 - Qtr Average:	<u>3.83</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

City of Vermillion

EPA ID: 0342

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

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected