

Mid-Dakota Rural Water Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



Secretary Award For Drinking Water Excellence

Population Served:	31,047	System Population:	10,200
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Last Inspection:	May 14, 2015		
Type of System:	Community	Area Served:	Hand, Hughes, Hyde, Sully County
Number of Service Connections:	5,288	Contamination Risk:	moderate
Water Sold To:			Alpena, Blunt, Gettysburg, Highmore, Hitchcock, Hoven, Huron, Miller, C
PWS Owner Type:	Private Ownership	Service Area:	Rural Water System/Colonies
Contract Laboratory:			State Health Lab, Pierre

Onida, Ree Heights, Spring Creek Sanitary District, Saint Lawrence, Sunshine Bible Academy, Tolstoy, Tulare, Wessington, Wolseley

y, Oahe Acres

Monitoring/Reporting - Entry Point

Mid-Dakota Rural Water

EPA ID: 2175

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Mar-13		
	B. Arsenic	Every nine years	Yes	Mar-13		
	C. Barium	Every nine years	Yes	Mar-13		
	D. Beryllium	Every nine years	Yes	Mar-13		
	E. Cadmium	Every nine years	Yes	Mar-13		
	F. Chromium	Every nine years	Yes	Mar-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Mar-13		
	J. Nickel	Every nine years	Yes	Mar-13		
	K. Selenium	Every nine years	Yes	Mar-13		
	L. Thallium	Every nine years	Yes	Mar-13		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Triennially	Yes	Mar-16		Surface Water Waiver
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Aug-16	2016	
	B. Method 524	Triennially	No	Aug-16	2016	
	C. Method 525	Triennially	No	Aug-16	2016	
	D. Method 531.1	Triennially	No	Aug-16	2016	
	E. Method 547	Triennially	No	Aug-16	2016	
	F. Method 548	Triennially	No	Aug-16	2016	
	G. Method 549	Triennially	No	Aug-16	2016	
5	Nitrate	Annually-1st Qtr	N/A	Mar-16		
6	Nitrite	Triennially	N/A	Mar-16		

(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>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>July 29, 2016</u>
B	Samples required:	<u>30</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2016</u>
E	Lead - 90% Level	<u>2.3</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.51</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>120</u>
B	Samples required:	<u>Ten Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>3.32</u> mg/l
D	Running Annual Average:	<u>3.35</u> mg/l
E	Date of last DBP test:	<u>June 10, 2016</u>
F	THM - Qtr Average:	<u>46.38</u> ug/l
G	Haa5 - Qtr Average:	<u>27.88</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

Mid-Dakota Rural Water

EPA ID: 2175

Violations From **October 1, 2011** To **October 1, 2016**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected