

City of North Sioux City Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	2,530	System Population:	2,530
Certified Operator:	Mr Tim Hogan 504 River Drive North Sioux City, SD 57049	Work Phone:	(605)232-9165
		Home Phone:	
		Cell Phone:	
		Fax:	(605)232-0506
		Email:	tim.hogan@northsiouxcity-sd.gov
Financial Contact:	Mr Ted Cherry 504 River Drive North Sioux City, SD 57049	Work Phone:	(605)232-4276
		Home Phone:	
		Cell Phone:	
		Fax:	(605)232-0506
		Email:	ted.cherry@northsiouxcity-sd.gov
Other Contacts:	Mayor Randy Fredericksen 504 River Drive North Sioux City, SD 57049	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	August 30, 2016		
Type of System:	Community	Area Served:	Union County
Number of Service Connections:	1,018	Contamination Risk:	moderate
Water Produced And Used By The City of North Sioux City Public Water System			
PWS Owner Type:	Local Government	Service Area:	Municipality
Contract Laboratory:			Sioux Falls Health Laboratory

Monitoring/Reporting - Entry Point

City of North Sioux City

EPA ID: 0226

SAMPLING

Entry point: Mccook Tr. 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-11		
	D. Beryllium	Every nine years	Yes	Nov-11		
	E. Cadmium	Every nine years	Yes	Nov-11		
	F. Chromium	Every nine years	Yes	Nov-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Nov-11		
	I. Mercury	Every nine years	Yes	Nov-11		
	J. Nickel	Every nine years	Yes	Nov-11		
	K. Selenium	Every nine years	Yes	Nov-11		
	L. Thallium	Every nine years	Yes	Nov-11		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals		No	Jul-17	2017	
4	SOC Chemicals					
	A. Method 515.1	Not Required	Yes			
	B. Method 524	Not Required	Yes			
	C. Method 525	Not Required	Yes			
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Not Required	Yes			
	F. Method 548	Not Required	Yes			
	G. Method 549	Not Required	Yes			
5	Nitrate	Annually	N/A	May-17		
6	Nitrite	Triennially	N/A	Oct-17		

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

Monitoring/Reporting - Entry Point

City of North Sioux City

EPA ID: 0226

SAMPLING

Entry point: Treatment Plant - Nsc

	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-11		
	D. Beryllium	Every nine years	Yes	Nov-11		
	E. Cadmium	Every nine years	Yes	Nov-11		
	F. Chromium	Every nine years	Yes	Nov-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Nov-11		
	I. Mercury	Every nine years	Yes	Nov-11		
	J. Nickel	Every nine years	Yes	Nov-11		
	K. Selenium	Every nine years	Yes	Nov-11		
	L. Thallium	Every nine years	Yes	Nov-11		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals		No	Jul-17	2017	
4	SOC Chemicals					
	A. Method 515.1	Not Required	Yes			
	B. Method 524	Not Required	Yes			
	C. Method 525	Not Required	Yes			
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Not Required	Yes			
	F. Method 548	Not Required	Yes			
	G. Method 549	Not Required	Yes			
5	Nitrate	Annually	N/A	May-17		
6	Nitrite	Triennially	N/A	Oct-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>37</u>
B Samples required:	<u>Three Samples Each Month.</u>
C Survey samples:	<u>0</u>
D Safe samples:	<u>37</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 28, 2017</u>
B Samples required:	<u>10</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2017</u>
E Lead - 90% Level	<u>4</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.12</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>37</u>
B Samples required:	<u>Three Samples Each Month.</u>
C Last Qtr Cl Residual:	<u>0.97</u> mg/l
D Running Annual Average:	<u>0.7</u> mg/l
E Date of last DBP test:	<u>August 16, 2017</u>
F THM - Qtr Average:	<u>8.06</u> ug/l
G Haa5 - Qtr Average:	<u>6.79</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 North Sioux City

EPA ID: 0226

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

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected