

Town of Willow Lake Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	275	System Population:	275
Certified Operator:	Mr Robert Johnson PO Box 317 Willow Lake, SD 57278	Work Phone:	(605)625-3631
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		Fax:	
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Financial Contact:	Ms Heidi Madsen PO Box 317 Willow Lake, SD 57278	Work Phone:	(605)625-3631
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Other Contacts:	Mayor Delwin Bratland PO Box 317 Willow Lake, SD 57278	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	May 26, 2016		
Type of System:	Community	Area Served:	Clark County
Number of Service Connections:	164	Contamination Risk:	moderate
Water Produced And Used By The Town of Willow Lake Public Water System			
PWS Owner Type:	Local Government	Service Area:	Municipality
Contract Laboratory:			State Health Lab, Pierre

Monitoring/Reporting - Entry Point

Town of Willow Lake

EPA ID: 0370

SAMPLING

Entry point: Treat Site - Well #2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Jul-15		
	B. Arsenic	Triennially	No	Jul-15		
	C. Barium	Triennially	No	Jul-15		
	D. Beryllium	Triennially	No	Jul-15		
	E. Cadmium	Triennially	No	Jul-15		
	F. Chromium	Triennially	No	Jul-15		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Jul-15		
	I. Mercury	Triennially	No	Jul-15		
	J. Nickel	Triennially	No	Jul-15		
	K. Selenium	Triennially	No	Jul-15		
	L. Thallium	Triennially	No	Jul-15		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals	Quarterly	No	Dec-15	2018	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-15	2018	
	B. Method 524	Triennially	No	Jul-15	2018	
	C. Method 525	Triennially	No	Jul-15	2018	
	D. Method 531.1	Triennially	No	Jul-15	2018	
	E. Method 547	Triennially	No	Jul-15	2018	
	F. Method 548	Triennially	No	Jul-15	2018	
	G. Method 549	Triennially	No	Jul-15	2018	
5	Nitrate	Annually	N/A	Aug-17		
6	Nitrite	Triennially	N/A	Jul-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>12</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>12</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 22, 2015</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2018</u>
E	Lead - 90% Level	<u>7.45</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.285</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>12</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.37</u> mg/l
D	Running Annual Average:	<u>0.43</u> mg/l
E	Date of last DBP test:	<u>September 15, 2015</u>
F	THM - Qtr Average:	<u>14.4</u> ug/l
G	Haa5 - Qtr Average:	<u>5.05</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

Town of Willow Lake

EPA ID: 0370

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

Violation Type	Parameter	Date	Status
Lack of Certified Operator	Certified Operator	02/01/2015	Reminder Notice
	DBP		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected