

City of Salem Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	1,347	System Population:	1,347
Certified Operator:	Mr William Selland PO Box 249 Salem, SD 57058-0249	Work Phone:	(605)425-2301
		Home Phone:	(605)425-3150
		Cell Phone:	
		Fax:	
		Email:	publicworks@salemsd.com
Financial Contact:	Ms Lori Heumiller PO Box 249 Salem, SD 57058-0249	Work Phone:	(605)425-2301
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	citysalem@salemsd.com
Other Contacts:	Mayor Robin Rayman PO Box 249 Salem, SD 57058-0249	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	June 6, 2017		
Type of System:	Community	Area Served:	McCook County
Number of Service Connections:	684	Contamination Risk:	low
Water Produced And Used By The City of Salem Public Water System			
PWS Owner Type:	Local Government	Service Area:	Municipality
Contract Laboratory:			State Health Lab, Pierre

Monitoring/Reporting - Entry Point

City of Salem

EPA ID: 0288

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Nov-16		
	B. Arsenic	Triennially	No	Nov-16		
	C. Barium	Triennially	No	Nov-16		
	D. Beryllium	Triennially	No	Nov-16		
	E. Cadmium	Triennially	No	Nov-16		
	F. Chromium	Triennially	No	Nov-16		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Oct-16		
	I. Mercury	Triennially	No	Nov-16		
	J. Nickel	Triennially	No	Nov-16		
	K. Selenium	Triennially	No	Nov-16		
	L. Thallium	Triennially	No	Nov-16		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Quarterly	No	Nov-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	Nov-17		
6	Nitrite	Triennially	N/A	Nov-16		

(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>24</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>24</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 29, 2015</u>
B	Samples required:	<u>10</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2018</u>
E	Lead - 90% Level	<u>8.5</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.8</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>24</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.28</u> mg/l
D	Running Annual Average:	<u>0.29</u> mg/l
E	Date of last DBP test:	<u>September 21, 2017</u>
F	THM - Qtr Average:	<u>0</u> ug/l
G	Haa5 - Qtr Average:	<u>0</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 Salem

EPA ID: 0288

Violations From January 1, 2013 To January 1, 2018

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	09/01/2013	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	05/01/2013	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received

Significant Deficiency	Date Identified	Date Corrected