

Town of Sinai Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2014 Certificate of Achievement Award.

Population Served: 120

System Population: 120

Certified Operator: Mr Lowell Corbin
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Other Contacts: President Doyle Johnson
PO Box 86
Sinai, SD 57061-0086

Work Phone:
Home Phone:
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Last Inspection: May 28, 2014

Type of System: Community

Area Served: Brookings County

Number of Service Connections: 68

Contamination Risk: low

Water Produced And Used By The Town of Sinai Public Water System

PWS Owner Type: Local Government

Service Area: Municipality

Contract Laboratory:

State Health Lab, Pierre

Monitoring/Reporting - Entry Point

Town of Sinai

EPA ID: 0293

SAMPLING

Entry point: Treat Site For Well #1/#2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Nov-12		
	B. Arsenic	Triennially	No	Nov-12		
	C. Barium	Triennially	No	Nov-12		
	D. Beryllium	Triennially	No	Nov-12		
	E. Cadmium	Triennially	No	Nov-12		
	F. Chromium	Triennially	No	Nov-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Nov-12		
	I. Mercury	Triennially	No	Nov-12		
	J. Nickel	Triennially	No	Nov-12		
	K. Selenium	Triennially	No	Nov-12		
	L. Thallium	Triennially	No	Nov-12		
2	Radiological Chemicals	Triennially	N/A			
3	VOC Chemicals	Triennially	No	Sep-12		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	May-12	2015	
	B. Method 524	Triennially	No	May-12	2015	
	C. Method 525	Triennially	No	May-12	2015	
	D. Method 531.1	Triennially	No	May-12	2015	
	E. Method 547	Triennially	No	May-12	2015	
	F. Method 548	Triennially	No	May-12	2015	
	G. Method 549	Triennially	No	May-12	2015	
5	Nitrate	Annually	N/A	May-14		
6	Nitrite	Triennially	N/A	Nov-12		

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

Bacteriological Monitoring

Bacteriological sampling and analysis April 1, 2014 to April 1, 2015

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:	<u></u>

Lead and Copper Monitoring

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

A Date Last Tested:	<u>August 27, 2012</u>
B Samples required:	<u>5</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2015</u>
E Lead - 90% Level	<u>1.4</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.075</u> Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: April 1, 2014 to April 1, 2015

A Samples submitted:	<u>12</u>
B Samples required:	<u>One Sample Each Month.</u>
C Last Qtr Cl Residual:	<u>1.6</u> mg/l
D Running Annual Average	<u>1.1</u> mg/l
E Date of last DBP test:	<u>September 18, 2013</u>
F THM - Qtr Average:	<u>0</u> ug/l
G Haa5 - Qtr Average:	<u>1.33</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 Sinai

EPA ID: 0293

Violations From **April 1, 2010** To **April 1, 2015**

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant	Total Coliform Bacteria	08/01/2010	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received
Lack of Certified Operator	Certified Operator	05/17/2010	Reminder Notice
	DBP		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected