

T C & G Rural Water System Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



This system is not a candidate for an award:

Violation

Population Served: 170 **System Population:** 170

Certified Operator: Mr Jason Voegele
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Mobridge, SD 57601

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Financial Contact: Mr Jason Voegele
13485 258 Ave
Glencross, SD 57630

Work Phone: (605)845-8567
Home Phone:
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Email:

Other Contacts:

Last Inspection: March 19, 2015

Type of System: Community

Area Served: Dewey County

Number of Service Connections: 80

Contamination Risk: moderate

Water Produced And Used By The T C & G Rural Water System Public Water System

PWS Owner Type: Private Ownership

Service Area: Rural Water System/Colonies

Contract Laboratory: North Dakota Public Health Laboratory

Monitoring/Reporting - Entry Point

T C & G Rural Water System

EPA ID: 0143

SAMPLING

Entry point: Treat Site - Well #5/#6

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Nov-14		
	B. Arsenic	Triennially	No	Nov-14		
	C. Barium	Triennially	No	Nov-14		
	D. Beryllium	Triennially	No	Nov-14		
	E. Cadmium	Triennially	No	Nov-14		
	F. Chromium	Triennially	No	Nov-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Nov-14		
	I. Mercury	Triennially	No	Nov-14		
	J. Nickel	Triennially	No	Nov-14		
	K. Selenium	Triennially	No	Nov-14		
	L. Thallium	Triennially	No	Nov-14		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Nov-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Oct-14	2017	
	B. Method 524	Triennially	No	Oct-14	2017	
	C. Method 525	Triennially	No	Oct-14	2017	
	D. Method 531.1	Triennially	No	Oct-14	2017	
	E. Method 547	Triennially	No	Oct-14	2017	
	F. Method 548	Triennially	No	Oct-14	2017	
	G. Method 549	Triennially	No	Oct-14	2017	
5	Nitrate	Annually	N/A	Aug-16		
6	Nitrite	Triennially	N/A	Jun-14		

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

Monitoring/Reporting - Entry Point

T C & G Rural Water System

EPA ID: 0143

SAMPLING

Entry point: Treat Site - Well #4

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Nov-14		
	B. Arsenic	Triennially	No	Nov-14		
	C. Barium	Triennially	No	Nov-14		
	D. Beryllium	Triennially	No	Nov-14		
	E. Cadmium	Triennially	No	Nov-14		
	F. Chromium	Triennially	No	Nov-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Nov-14		
	I. Mercury	Triennially	No	Nov-14		
	J. Nickel	Triennially	No	Nov-14		
	K. Selenium	Triennially	No	Nov-14		
	L. Thallium	Triennially	No	Nov-14		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Nov-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Oct-14	2017	
	B. Method 524	Triennially	No	Oct-14	2017	
	C. Method 525	Triennially	No	Oct-14	2017	
	D. Method 531.1	Triennially	No	Oct-14	2017	
	E. Method 547	Triennially	No	Oct-14	2017	
	F. Method 548	Triennially	No	Oct-14	2017	
	G. Method 549	Triennially	No	Oct-14	2017	
5	Nitrate	Annually	N/A	Aug-16		
6	Nitrite	Triennially	N/A	Jun-14		

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

Monitoring/Reporting - Entry Point

T C & G Rural Water System

EPA ID: 0143

SAMPLING

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

Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals				
	A. Antimony	Triennially	No	Nov-14	
	B. Arsenic	Triennially	No	Nov-14	
	C. Barium	Triennially	No	Nov-14	
	D. Beryllium	Triennially	No	Nov-14	
	E. Cadmium	Triennially	No	Nov-14	
	F. Chromium	Triennially	No	Nov-14	
	G. Cyanide		Yes		State-wide waiver
	H. Fluoride	Triennially	No	Nov-14	
	I. Mercury	Triennially	No	Nov-14	
	J. Nickel	Triennially	No	Nov-14	
	K. Selenium	Triennially	No	Nov-14	
	L. Thallium	Triennially	No	Nov-14	
2	Radiological Chemicals	Every nine years	N/A		
3	VOC Chemicals		No	Nov-14	
4	SOC Chemicals				
	A. Method 515.1	Triennially	No	Oct-14	2017
	B. Method 524	Triennially	No	Oct-14	2017
	C. Method 525	Triennially	No	Oct-14	2017
	D. Method 531.1	Triennially	No	Oct-14	2017
	E. Method 547	Triennially	No	Oct-14	2017
	F. Method 548	Triennially	No	Oct-14	2017
	G. Method 549	Triennially	No	Oct-14	2017
5	Nitrate	Annually	N/A	Aug-16	
6	Nitrite	Triennially	N/A	Jun-14	

(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>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>July 22, 2014</u>
B Samples required:	<u>5</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2014</u>
E Lead - 90% Level	<u>2.7</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.14</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>12</u>
B Samples required:	<u>One Sample Each Month.</u>
C Last Qtr Cl Residual:	<u>0.19</u> mg/l
D Running Annual Average:	<u>0.2</u> mg/l
E Date of last DBP test:	<u>September 10, 2014</u>
F THM - Qtr Average:	<u>1.25</u> ug/l
G Haa5 - Qtr Average:	<u>3.89</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

T C & G Rural Water System

EPA ID: 0143

Violations From October 1, 2011 To October 1, 2016

Violation Type	Parameter	Date	Status
DBP Failure To Monitor	Chlorine	07/01/2015	Public Notice Requested
	Chlorine		Public Notice Received
Routine Sample Monitoring Violation	Total Coliform Bacteria	08/01/2015	Public Notice Requested
	Bacteriological		Compliance Achieved
Routine Sample Monitoring Violation	Total Coliform Bacteria	12/01/2014	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received

Significant Deficiency	Date Identified	Date Corrected