

# Tripp County Water User District Drinking Water Information

## (System Information, Sampling Requirements, and Compliance Report)



**This system is not a candidate for an award:**

Violation

<b>Population Served:</b>	7,010	<b>System Population:</b>	4,765
<b>Certified Operator:</b>	Mr Russ Phillips 1052 West 1st Street Winner, SD 57580-2704	<b>Work Phone:</b>	(605)842-2755
		<b>Home Phone:</b>	(605)842-2278
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	rphillips@gwtc.net
<b>Financial Contact:</b>	Mr Russ Phillips 1052 West 1st Street Winner, SD 57580-2704	<b>Work Phone:</b>	(605)842-2755
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	tcwud@gwtc.net
<b>Other Contacts:</b>	Mr Craig Covey 26063 319th Ave Hamill, SD 57534	<b>Work Phone:</b>	
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	
<b>Last Inspection:</b>	May 5, 2015		
<b>Type of System:</b>	Community	<b>Area Served:</b>	Gregory, Lyman, Mellette, Todd, Tripp County
<b>Number of Service Connections:</b>	1,906	<b>Contamination Risk:</b>	moderate
<b>Water Sold To:</b>			Bonesteel, Burke, Dallas
<b>PWS Owner Type:</b>	Private Ownership	<b>Service Area:</b>	Rural Water System/Colonies
<b>Contract Laboratory:</b>			State Health Lab, Pierre

# Monitoring/Reporting - Entry Point

Tripp County Water User District

EPA ID: 0520

## SAMPLING

Entry point: Treat Site 1 - 3

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jul-12		
	B. Arsenic	Every nine years	Yes	Jul-12		
	C. Barium	Every nine years	Yes	Jul-12		
	D. Beryllium	Every nine years	Yes	Jul-12		
	E. Cadmium	Every nine years	Yes	Jul-12		
	F. Chromium	Every nine years	Yes	Jul-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Jul-12		
	J. Nickel	Every nine years	Yes	Jul-12		
	K. Selenium	Every nine years	Yes	Jul-12		
	L. Thallium	Every nine years	Yes	Jul-12		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Feb-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Sep-15	2018	
	B. Method 524	Triennially	No	Sep-15	2018	
	C. Method 525	Triennially	No	Sep-15	2018	
	D. Method 531.1	Triennially	No	Sep-15	2018	
	E. Method 547	Triennially	No	Sep-15	2018	
	F. Method 548	Triennially	No	Sep-15	2018	
	G. Method 549	Triennially	No	Sep-15	2018	
5	Nitrate	Annually	N/A	Aug-16		
6	Nitrite	Triennially	N/A	Aug-16		

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

# Monitoring/Reporting - Entry Point

Tripp County Water User District

EPA ID: 0520

## SAMPLING

Entry point: Treat Site 4 - 7

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jul-12		
	B. Arsenic	Every nine years	Yes	Jul-12		
	C. Barium	Every nine years	Yes	Jul-12		
	D. Beryllium	Every nine years	Yes	Jul-12		
	E. Cadmium	Every nine years	Yes	Jul-12		
	F. Chromium	Every nine years	Yes	Jul-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Jul-12		
	J. Nickel	Every nine years	Yes	Jul-12		
	K. Selenium	Every nine years	Yes	Jul-12		
	L. Thallium	Every nine years	Yes	Jul-12		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Feb-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Sep-15	2018	
	B. Method 524	Triennially	No	Sep-15	2018	
	C. Method 525	Triennially	No	Sep-15	2018	
	D. Method 531.1	Triennially	No	Sep-15	2018	
	E. Method 547	Triennially	No	Sep-15	2018	
	F. Method 548	Triennially	No	Sep-15	2018	
	G. Method 549	Triennially	No	Sep-15	2018	
5	Nitrate	Annually	N/A	Aug-16		
6	Nitrite	Triennially	N/A	Aug-16		

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

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### Bacteriological Monitoring

Bacteriological sampling and analysis: October 1, 2015 to October 1, 2016

A	Samples submitted:	<u>73</u>
B	Samples required:	<u>Five Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>73</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>August 27, 2015</u>
B	Samples required:	<u>20</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2015</u>
E	Lead - 90% Level	<u>4.8</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.33</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>73</u>
B	Samples required:	<u>Five Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.43</u> mg/l
D	Running Annual Average:	<u>0.45</u> mg/l
E	Date of last DBP test:	<u>September 8, 2015</u>
F	THM - Qtr Average:	<u>4.38</u> ug/l
G	Haa5 - Qtr Average:	<u>0</u> ug/l

### Asbestos

A	Date of last test:	<u>April 16, 2012</u>
B	Asbestos Result:	<u>ND</u> million fibers per liter

Comments

# Violations and Significant Deficiencies

Tripp County Water User District

EPA ID: 0520

Violations From October 1, 2011 To October 1, 2016

Violation Type	Parameter	Date	Status
Failure to Monitor	VOCs - Toluene	01/01/2015	Public Notice Requested
	VOCs - Toluene		Compliance Achieved
Failure to Monitor	VOCs - Trichloroethylene	01/01/2015	Public Notice Requested
	VOCs - Trichloroethylene		Compliance Achieved
Failure to Monitor	VOCs - 1,2 Dichloroethane	01/01/2015	Public Notice Requested
	VOCs - 1,2 Dichloroethane		Compliance Achieved
Failure to Monitor	VOCs - p-Dichlorobenzene	01/01/2015	Public Notice Requested
	VOCs - p-Dichlorobenzene		Compliance Achieved
Failure to Monitor	VOCs - Benzene	01/01/2015	Public Notice Requested
	VOCs - Benzene		Compliance Achieved
Failure to Monitor	VOCs - 1,2 Dichloropropane	01/01/2015	Public Notice Requested
	VOCs - 1,2 Dichloropropane		Compliance Achieved
Failure to Monitor	VOCs - trans 1,2 Dichloroethylene	01/01/2015	Public Notice Requested
	VOCs - trans 1,2 Dichloroethylene		Compliance Achieved
Failure to Monitor	VOCs - o-Dichlorobenzene	01/01/2015	Public Notice Requested
	VOCs - o-Dichlorobenzene		Compliance Achieved
Failure to Monitor	VOCs - Styrene	01/01/2015	Public Notice Requested
	VOCs - Styrene		Compliance Achieved
Failure to Monitor	VOCs - Chlorobenzene	01/01/2015	Public Notice Requested
	VOCs - Chlorobenzene		Compliance Achieved
Failure to Monitor	VOCs - Carbon Tetrachloride	01/01/2015	Public Notice Requested
	VOCs - Carbon Tetrachloride		Compliance Achieved
Failure to Monitor	VOCs - 1,1 Dichloroethylene	01/01/2015	Public Notice Requested
	VOCs - 1,1 Dichloroethylene		Compliance Achieved
Failure to Monitor	VOCs - Total Xylenes	01/01/2015	Public Notice Requested
	VOCs - Total Xylenes		Compliance Achieved
Failure to Monitor	VOCs - 1,1,2 Trichloroethane	01/01/2015	Public Notice Requested
	VOCs - 1,1,2 Trichloroethane		Compliance Achieved
Failure to Monitor	VOCs - 1,2,4 Trichlorobenzene	01/01/2015	Public Notice Requested
	VOCs - 1,2,4 Trichlorobenzene		Compliance Achieved
Failure to Monitor	VOCs - Dichloromethane	01/01/2015	Public Notice Requested
	VOCs - Dichloromethane		Compliance Achieved
Failure to Monitor	VOCs - Ethylbenzene	01/01/2015	Public Notice Requested
	VOCs - Ethylbenzene		Compliance Achieved
Failure to Monitor	VOCs - Tetrachloroethylene	01/01/2015	Public Notice Requested
	VOCs - Tetrachloroethylene		Compliance Achieved
Failure to Monitor	VOCs - 1,1,1 Trichloroethane	01/01/2015	Public Notice Requested
	VOCs - 1,1,1 Trichloroethane		Compliance Achieved
Failure to Monitor	VOCs - Vinyl Chloride	01/01/2015	Public Notice Requested
	VOCs - Vinyl Chloride		Compliance Achieved
Failure to Monitor	VOCs - cis 1,2 Dichloroethylene	01/01/2015	Public Notice Requested
	VOCs - cis 1,2 Dichloroethylene		Compliance Achieved
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	06/01/2012	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received

Significant Deficiency	Date Identified	Date Corrected