

Tripp County Water User District Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	7,010	System Population:	4,765
Certified Operator:	Mr Russ Phillips 1052 West 1st Street Winner, SD 57580-2704	Work Phone:	(605)842-2755
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Other Contacts:	Mr Craig Covey 26063 319th Ave Hamill, SD 57534	Work Phone:	
		Home Phone:	
		Cell Phone:	
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		Email:	
Last Inspection:	May 5, 2015		
Type of System:	Community	Area Served:	Gregory, Lyman, Mellette, Todd, Tripp County
Number of Service Connections:	1,906	Contamination Risk:	moderate
Water Sold To:			Bonesteel, Burke, Dallas
PWS Owner Type:	Private Ownership	Service Area:	Rural Water System/Colonies
Contract Laboratory:			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	Quarterly	No	Feb-16	2018	
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	Jul-17		
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	Every six years	Yes	Feb-16	2018	Groundwater Waiver
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	Jul-17		
6	Nitrite	Triennially	N/A	Aug-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>70</u>
B	Samples required:	<u>Five Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>70</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>2018</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: January 1, 2017 to January 1, 2018

A	Samples submitted:	<u>70</u>
B	Samples required:	<u>Five Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.45</u> mg/l
D	Running Annual Average:	<u>0.47</u> mg/l
E	Date of last DBP test:	<u>August 29, 2017</u>
F	THM - Qtr Average:	<u>3.97</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 January 1, 2013 To January 1, 2018

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

Significant Deficiency

Date Identified

Date Corrected

Significant Deficiency	Date Identified	Date Corrected