

# EPA ID#: 0143 System Name: T C & G Rural Water System

Sampler- Mr Jason Voegele Work Phone-(605)845-8567  
 Title- Manager  
 Address- 909 7th Ave West  
 Mobridge SD 57601

Location- City: Trail City County: Dewey  
 Service Area- Other residential areas  
 PWS Owner Type- Private Ownership  
 Water Supply Type- Groundwater Supply

Population Served- 170 Service Connections- 80

## Sources for T C & G Rural Water System

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1973	80	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
02	#2	1979	80	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
03	TREAT SITE - #3					Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Corrosion Control - Phosphates
04	TREAT SITE - #1/#2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Corrosion Control - Phosphates
07	#3	1976	80	8		Groundwater	Vulnerable	Treatment At Plant
08	#4	2003	73	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
09	TREAT SITE - #4				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Corrosion Control - Phosphates
10	#5	2004	65	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
11	TREAT SITE - #5/#6	2003			Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Corrosion Control - Phosphates
12	#6	2005	65	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

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## Common Ion Data

(All chemical data are reported in milligrams per liter (mg/l) except pH and Langlier Index)

Please refer to Private Well Data for more information about these test results.

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
03	Raw	10/27/92	532	825	7.47	308	0	112	3.3	53.3	15.9	0.33	0.19	9.3	71	376	0	199	-0.15	0.1	0.26
11	Raw	10/04/11	926	1330	7.74	426	0	126	4.3	142.0	36.5	1.56	0.50	11.0	357	520	0	505	+0.90	0.2	0.23
Averages			729	1078	7.61	367	0	119	3.8	97.7	26.2	0.95	0.35	10.2	214	448	0	352		0.2	0.25

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
04	Treated	09/21/94	484	848	7.56	289	0	108	3.2	54.3	15.7	0.31	0.11	21.0	127	353	0	200	+0.21	0.1	0.29
04	Treated	10/24/96	291	482	7.87	229	0	58	2.6	39.1	15.9	0.24	0.08	13.0	20	279	0	163	+0.32	0.2	0.31
03	Treated	10/24/96	761	1177	7.25	380	0	128	4.2	109.0	29.4	1.37	0.34	17.0	291	464	0	393	+0.27	0.2	0.26
04	Treated	09/28/99	358	617	7.95	257	0	64	3.2	45.6	17.5	0.33	0.06	37.0	20	314	0	186	+0.50	0.1	0.29
03	Treated	09/28/99	866	1280	7.13	437	0	134	5.1	115.0	30.2	1.63	0.45	8.2	281	533	0	411	+0.22	0.1	0.24
04	Treated	06/19/03	291	505	7.66	239	0	45	1.2	44.1	15.5	0.35	0.08	13.0	12	292	0	174	+0.18	0.1	0.24
08	Treated	04/11/06	331	566	7.75	255	0	80	2.9	35.8	10.0	0.33	0.10	6.0	38	311	0	131	+0.20	0.1	0.33
10	Treated	04/11/06	934	1350	7.23	401	0	129	4.8	140.0	35.3	1.82	0.45	12.0	366	489	0	495	+0.35	0.1	0.21
12	Treated	04/11/06	732	1110	7.24	404	0	118	4.8	106.0	26.3	1.21	0.38	4.0	233	493	0	373	+0.29	0.1	0.20
04	Treated	03/19/15	660	1000	7.36	349	0	100	3.9	97.5	28.1	0.70	0.28	10.0	204	426	0	359	+0.39	0.0	0.26
Averages			571	894	7.50	324	0	96	3.6	78.6	22.4	0.83	0.23	14.1	159	395	0	289		0.1	0.26