

EPA ID#: 0520 System Name: Tripp County Water User District

Sampler- Mr Russ Phillips Work Phone-(605)842-2755
 Title- Manager
 Address- 1052 West 1st Street
 Winner SD 57580-2704

Location- City: Winner County: Gregory, Lyman, Mellette, Todd, Tripp
 Service Area- Other residential areas
 PWS Owner Type- Private Ownership
 Water Supply Type- Groundwater Supply

Population Served- 4,765 Service Connections- 1,906

Sources for Tripp County Water User District

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	OLD WELL #1	1978	90	12		Groundwater	Vulnerable	No Treatment
02	OLD WELL #2	1978	80	12		Groundwater	Vulnerable	No Treatment
04	#4	1982	230	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
05	#5	1987	210	16	Permanent	Groundwater	Vulnerable	Treatment At Plant
06	TREAT SITE 4-7				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6
07	#6	1994	220	16	Permanent	Groundwater	Vulnerable	Treatment At Plant
25	#1	2004	286	16	Permanent	Groundwater	Vulnerable	Treatment At Plant
26	#2	2004	242	16	Permanent	Groundwater	Vulnerable	Treatment At Plant
27	#3	2004	254	16	Permanent	Groundwater	Vulnerable	Treatment At Plant
28	TREAT SITE 1-3				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6
33	#7	2013	240	16	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
01	Raw	08/19/92	279	375	7.19	145	0	4	5.7	55.6	5.9	0.54	0.03	4.1	10	177	0	163	-0.74	6.8	0.45
02	Raw	08/19/92	233	297	8.47	121	0	3	4.7	46.4	3.7	0.15	0.02	2.0	10	148	0	131	-0.61	5.0	0.30
03	Raw	06/11/91	225	294	7.53	123	0	4	4.8	51.8	4.0	0.15	0.02	2.8	10	150	0	146	-0.52	4.6	0.29
04	Raw	08/19/92	192	246	7.85	114	0	5	5.9	34.5	4.2	0.05	0.02	1.7	10	139	0	103	-0.38	1.3	0.25
05	Raw	08/19/92	234	297	7.76	144	0	4	6.6	45.9	5.7	0.05	0.02	1.6	10	176	0	138	-0.26	2.6	0.26
01	Raw	06/18/97	265	351	7.57	139	0	4	6.5	52.5	5.5	0.19	0.03	2.2	10	170	0	154	-0.06	5.8	0.42
04	Raw	06/18/97	200	251	7.96	117	0	5	6.8	38.6	4.8	0.06	0.02	2.2	10	143	0	116	+0.14	1.4	0.25
05	Raw	06/18/97	219	317	7.82	139	0	4	7.4	50.3	6.3	0.08	0.02	2.2	10	170	0	152	+0.19	2.1	0.25
07	Raw	06/18/97	158	204	7.56	89	0	5	6.2	27.1	3.3	0.07	0.02	2.2	10	109	0	81	-0.51	1.3	0.26
02	Raw	06/18/97	226	301	126.00	0	0	4	5.7	46.2	4.2	0.06	0.02	2.2	10	154	0	133	+0.03	4.3	0.30
04	Raw	09/18/02	186	267	7.84	122	0	6	6.0	40.5	4.7	0.03	0.02	3.0	10	149	0	120	+0.07	1.5	0.23
05	Raw	09/18/02	221	322	7.73	142	0	4	6.4	50.2	5.8	0.03	0.02	3.0	10	173	0	149	+0.11	2.5	0.24
27	Raw	10/19/05	237	331	7.47	176	0	4	7.1	55.9	6.9	0.03	0.02	3.0	10	215	0	168	-0.02	0.8	0.29
05	Raw	10/19/05	228	315	7.60	145	0	5	6.7	49.9	6.1	0.03	0.02	3.0	10	177	0	150	-0.02	2.7	0.25
26	Raw	10/19/05	177	231	7.40	115	0	4	6.2	34.7	4.5	0.03	0.02	3.0	10	140	0	105	-0.46	0.9	0.26
04	Raw	10/19/05	205	267	7.66	127	0	5	6.5	40.4	4.9	0.05	0.03	3.0	10	155	0	121	-0.10	1.7	0.24
07	Raw	10/19/05	186	230	7.48	104	0	5	6.2	34.4	4.1	0.03	0.02	3.0	10	127	0	103	-0.43	2.0	0.24
25	Raw	10/19/05	167	199	7.36	92	0	4	6.0	28.5	3.9	0.03	0.03	3.0	10	112	0	87	-0.68	1.7	0.24
Averages			213	283	14.24	120	0	4	6.2	43.5	4.9	0.09	0.02	2.6	10	155	0	129		2.7	0.28

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
01	Treated	08/10/94	182	321	8.36	126	0	5	6.3	41.7	4.8	2.90	0.82	3.9	10	154	0	124	+0.53	2.4	1.31
06	Treated	10/06/99	187	253	7.70	111	0	5	6.1	36.0	4.4	0.04	0.02	1.6	10	135	0	108	-0.16	1.7	1.08
06	Treated	09/18/02	187	265	7.44	113	0	5	6.0	40.4	4.7	0.03	0.02	4.0	10	138	0	120	-0.37	0.3	1.00
28	Treated	10/01/08	191	261	7.80	118	0	5	5.9	35.7	4.4	0.03	0.02	3.0	10	144	0	107	-0.04	1.6	1.03
06	Treated	10/01/08	201	274	7.91	120	0	5	6.2	38.8	4.7	0.03	0.02	3.0	10	146	0	116	+0.11	2.2	1.13
28	Treated	05/05/15	217	276	7.46	126	0	5	6.2	42.4	5.1	0.00	0.04	0.0	0	154	0	127	-0.29	2.5	1.14
06	Treated	05/05/15	205	271	7.92	119	0	5	6.3	42.1	4.8	0.00	0.04	0.0	0	145	0	125	+0.15	2.2	1.06
Averages			196	274	7.80	119	0	5	6.1	39.6	4.7	0.43	0.14	2.2	7	145	0	118		1.8	1.11

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