

EPA ID#: 0373 System Name: City of Winner

Sampler- Mr Danny Ayers Work Phone-(605)842-2606
 Title- Water Supt
 Address- PO Box 691
 Winner SD 57580-0691

Location- City: Winner County: Tripp
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Groundwater Supply

Population Served- 3,100 Service Connections- 1,613

Sources for Winner

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1-NOVOTNY	1970	120	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
03	#1-MCCABE	1971	80	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
04	#2-MCCABE	1976	140	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
05	#3-MCCABE	1976	130	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
06	#6-HOUSEYARD	1949	40	12		Groundwater	Vulnerable	No Treatment
07	#14-SOUTHWEST	1957	90	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
08	#13-CENTER	1957	70	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
09	#9-SOUTHEAST	1959	65	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
10	#5-TANK	1947	48	12		Groundwater	Vulnerable	No Treatment
11	ENTRY PT FOR WELLS				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6

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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	09/28/88	161	291	7.92	133	0	9	8.4	39.7	5.7	7.36	0.11	9.8	10	162	0	123	-0.13	1.2	0.36
03	Raw	11/17/94	217	324	7.79	151	0	6	7.2	43.9	6.1	0.02	0.02	4.4	10	184	0	135	+0.14	1.4	0.36
04	Raw	11/17/94	240	324	7.79	146	0	5	7.0	49.5	6.1	0.03	0.02	7.0	10	178	0	149	+0.17	4.5	0.36
05	Raw	11/17/94	224	324	7.76	159	0	5	7.1	46.2	6.9	0.01	0.02	6.0	10	194	0	144	+0.15	2.4	0.36
06	Raw	11/17/94	258	432	7.58	152	0	3	6.6	58.9	4.6	0.07	0.33	5.1	24	185	0	166	-0.06	2.6	0.29
07	Raw	11/17/94	276	432	7.48	203	0	6	7.2	66.5	6.3	0.02	0.07	6.5	10	248	0	192	+0.11	1.4	0.37
08	Raw	11/17/94	348	540	7.51	272	0	10	9.5	80.1	9.9	0.15	0.02	7.9	10	332	0	241	+0.33	0.6	0.39
09	Raw	11/17/94	384	648	7.44	308	0	23	14.0	78.2	13.9	2.71	0.04	10.9	13	376	0	252	+0.30	0.5	0.70
10	Raw	11/17/94	250	378	7.58	155	0	5	7.0	58.8	5.5	0.13	0.08	6.1	15	189	0	169	+0.05	3.7	0.33
03	Raw	01/23/97	248	315	7.82	156	0	6	7.1	50.6	6.9	0.06	0.02	2.0	10	190	0	155	+0.23	3.0	0.36
04	Raw	01/23/97	236	263	7.72	142	0	4	6.4	47.3	6.2	0.06	0.02	2.0	10	173	0	144	+0.06	3.5	0.35
09	Raw	01/23/97	421	630	7.31	323	0	22	13.0	88.0	16.0	0.25	0.02	7.0	15	394	0	286	+0.23	0.4	0.56
08	Raw	01/23/97	297	420	7.70	220	0	9	8.0	64.8	8.7	0.34	0.05	2.0	10	268	0	198	+0.35	0.7	0.35
07	Raw	01/23/97	228	263	7.73	154	0	5	6.1	50.2	5.4	0.83	0.02	2.0	10	188	0	148	+0.14	1.4	0.36
05	Raw	03/02/00	220	307	7.79	148	0	4	6.1	46.4	6.5	0.53	0.02	3.0	11	181	0	143	+0.15	4.0	0.34
04	Raw	03/02/00	233	295	7.92	142	0	4	6.2	45.2	5.5	2.86	0.04	3.0	10	173	0	135	+0.25	2.5	0.37
03	Raw	03/02/00	225	298	7.73	148	0	5	6.7	44.4	5.6	0.02	0.02	3.0	10	181	0	134	+0.07	1.5	0.38
07	Raw	03/24/00	263	399	7.46	192	0	4	6.5	63.3	5.5	0.05	0.02	3.0	10	234	0	181	+0.05	1.3	0.44
08	Raw	03/24/00	309	448	7.39	214	0	17	7.8	68.6	7.2	0.04	0.02	3.0	14	261	0	201	+0.05	1.2	0.47
09	Raw	03/24/00	361	569	7.64	282	0	15	16.2	75.1	12.5	0.52	0.02	3.1	12	344	0	239	+0.45	0.3	1.19
09	Raw	10/23/02	387	615	7.37	307	0	17	13.8	89.2	14.1	0.05	0.02	4.0	10	375	0	281	+0.28	0.1	0.66
08	Raw	10/23/02	276	418	7.48	197	0	8	8.9	63.2	7.7	0.07	0.02	3.0	10	240	0	189	+0.08	1.4	0.44
07	Raw	10/23/02	241	352	7.59	166	0	4	7.0	58.2	5.3	0.05	0.02	3.0	10	203	0	167	+0.09	1.3	0.37
03	Raw	10/23/02	231	333	7.79	156	0	6	7.9	50.0	6.0	0.06	0.02	3.0	10	190	0	150	+0.20	2.0	0.35
04	Raw	10/23/02	238	329	7.62	150	0	5	7.2	49.2	5.9	0.03	0.02	3.0	10	183	0	147	+0.00	2.7	0.36
05	Raw	10/23/02	262	390	7.44	157	0	4	7.1	57.4	7.2	0.08	0.02	3.0	10	192	0	173	-0.09	6.2	0.34
03	Raw	10/19/05	234	325	7.53	158	0	7	7.7	50.4	6.4	0.10	0.02	3.0	10	193	0	152	-0.05	1.7	0.34
09	Raw	10/19/05	362	562	7.33	288	0	18	14.1	82.1	14.1	0.29	0.04	4.0	14	351	0	263	+0.18	0.4	0.78
08	Raw	10/19/05	277	398	7.39	190	0	6	7.7	70.6	6.6	0.03	0.03	3.0	15	232	0	203	+0.02	1.4	0.42
07	Raw	10/19/05	248	359	7.54	171	0	5	7.2	59.3	5.9	0.06	0.02	3.0	12	209	0	172	+0.06	1.7	0.39
01	Raw	10/19/05	271	387	7.77	178	0	10	9.3	60.5	8.0	0.19	0.02	4.0	16	217	0	184	+0.31	2.1	0.43
04	Raw	10/19/05	250	338	7.57	152	0	5	7.7	53.2	6.4	0.03	0.02	4.0	10	185	0	159	-0.01	3.6	0.36
05	Raw	10/19/05	277	374	7.47	157	0	6	7.3	59.7	7.4	0.28	0.02	3.0	12	192	0	180	-0.05	8.0	0.34
Averages			271	396	7.60	189	0	8	8.4	59.7	7.6	0.53	0.04	4.2	12	230	0	180		2.1	0.43

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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	01/28/87	232	324	7.50	148	0	5	6.7	49.5	5.6	0.53	0.05	6.3	10	181	0	147	-0.42	2.5	1.17
05	Treated	01/23/97	251	263	7.67	151	0	4	6.7	51.4	7.3	0.19	0.02	1.0	10	184	0	158	+0.07	4.3	0.33
11	Treated	11/18/08	303	437	7.87	203	0	8	9.4	63.9	8.3	0.03	0.05	4.0	10	248	0	194	+0.48	3.2	1.50
11	Treated	02/14/12	364	542	7.36	271	0	14	12.2	70.3	12.0	0.09	0.17	6.0	10	331	0	225	+0.12	0.4	1.42
11	Treated	05/04/15	267	363	7.64	158	0	9	8.3	56.4	6.8	0.00	0.04	3.0	0	193	0	169	+0.10	5.0	1.41
Averages			283	386	7.61	186	0	8	8.7	58.3	8.0	0.17	0.07	4.1	8	227	0	179		3.1	1.17