

EPA ID#: 0346 System Name: City of Volga

Sampler- Mr Jon Hauge Work Phone-(605)627-9113
 Title- Utilities Manager
 Address- 226 Kasan Avenue-PO Box 217
 Volga SD 57071

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

Population Served- 1,768 Service Connections- 771

Sources for Volga

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#8	1996	45	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
02	#9	1996	45	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
03	TREAT SITE FOR #8/#9	1996			Emergency	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
04	#6	1970	42	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
05	#5	1970	42	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
06	#7	2000	42	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
07	TREAT SITE-#6/#5/#7	1991			Emergency	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
09	TREAT SITE-WELLS 6/7/8/9	2014			Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates 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
04	Raw	10/19/88	568	783	7.55	208	0	9	4.9	109.0	39.9	0.23	0.52	15.2	217	254	0	436	+0.08	2.5	0.22
05	Raw	10/19/88	492	721	7.58	221	0	9	4.3	97.1	38.8	0.19	0.97	14.9	165	270	0	402	+0.09	2.9	0.21
06	Raw	06/09/93	626	910	7.92	260	0	12	5.3	119.0	45.4	0.09	0.35	12.2	244	317	0	484	+0.92	2.4	0.23
Averages			562	805	7.68	230	0	10	4.8	108.4	41.4	0.17	0.61	14.1	209	280	0	441		2.6	0.22

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	06/09/93	559	864	7.70	271	0	11	4.9	116.0	42.8	0.35	0.62	9.0	205	330	0	466	+0.72	4.7	0.37
05	Treated	06/09/93	530	864	8.02	236	0	11	4.6	106.0	43.6	0.19	0.51	9.0	255	288	0	444	+0.94	3.4	3.62
02	Treated	03/12/97	649	936	7.39	254	0	16	5.8	124.0	46.7	0.09	0.57	5.0	267	310	0	502	+0.30	2.2	0.17
01	Treated	03/12/97	1039	1352	7.33	290	0	30	8.6	178.0	74.2	0.30	0.83	10.0	485	354	0	750	+0.40	1.1	0.17
05	Treated	03/12/97	664	936	7.27	242	0	12	5.4	127.0	49.8	0.14	0.57	12.0	244	295	0	522	+0.17	7.0	2.76
04	Treated	03/12/97	661	936	7.37	238	0	12	5.6	124.0	48.3	0.13	0.31	17.0	279	290	0	508	+0.26	1.5	1.08
06	Treated	03/12/97	644	884	7.31	236	0	12	5.2	120.0	46.8	0.15	0.20	10.0	245	288	0	492	+0.18	3.2	1.36
07	Treated	02/02/00	547	807	7.28	260	0	10	4.4	97.9	39.6	0.12	0.47	8.6	151	317	0	407	+0.12	3.0	2.68
03	Treated	03/06/03	698	1030	7.37	254	0	16	6.5	128.0	46.4	0.09	0.51	9.0	295	310	0	511	+0.29	0.9	1.17
03	Treated	01/26/06	629	885	7.38	254	0	15	5.9	116.0	45.3	0.10	0.44	14.0	215	310	0	476	+0.27	2.2	1.52
07	Treated	03/05/09	807	1090	7.27	258	0	16	6.1	146.0	58.1	0.09	0.40	21.0	365	315	0	604	+0.24	2.5	0.34
03	Treated	05/23/12	876	1190	7.20	283	0	25	7.6	150.0	68.4	0.27	0.66	12.0	381	345	0	656	+0.21	1.1	1.45
Averages			692	981	7.41	256	0	16	5.9	127.7	50.8	0.17	0.51	11.4	282	313	0	528		2.7	1.39