

EPA ID#: 0370 System Name: Town of Willow Lake

Sampler- Mr Robert Johnson Work Phone-(605)625-3631
 Title- Utilities Manager
 Address- PO Box 317
 Willow Lake SD 57278

Location- City: Willow Lake County: Clark
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Groundwater Supply

Population Served- 275 Service Connections- 164

Sources for Willow Lake

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1975	53	8		Groundwater	Vulnerable	Treatment At Plant
02	#2	1970	56	8		Groundwater	Vulnerable	Treatment At Plant
03	TREAT SITE - #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Corrosion Control - Phosphates
05	#1-NEW-NORTH	1980	30		Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
06	#2-NEW-SOUTH	2001	30		Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

EPA ID#: 0370 System Name: Town of Willow Lake

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	02/28/95	669	990	7.26	255	0	16	5.7	137.9	45.3	1.39	0.65	27.0	278	311	0	531	+0.22	0.1	0.16
01	Raw	03/28/89	571	832	7.30	238	0	13	5.4	108.0	38.0	0.26	0.50	17.7	203	290	0	426	-0.12	0.1	0.24
02	Raw	03/15/93	666	669	7.34	243	0	14	5.2	130.0	42.0	0.76	0.62	10.3	273	296	0	498	-0.05	0.3	0.19
Averages			635	830	7.30	245	0	14	5.4	125.3	41.8	0.80	0.59	18.3	251	299	0	485		0.2	0.20

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	12/18/97	609	895	0.00	247	0	13	5.3	115.0	39.5	0.26	0.51	18.0	219	301	0	450	+0.28	0.2	0.16
03	Treated	09/13/00	652	906	7.33	249	0	17	5.0	117.0	40.3	1.48	0.56	13.0	213	304	0	458	+0.21	0.2	0.15
03	Treated	06/17/04	687	956	7.40	259	0	23	4.7	126.0	43.4	1.31	0.44	22.0	275	316	0	493	+0.33	0.1	0.18
06	Treated	06/20/07	797	1060	7.52	254	0	23	6.4	153.0	48.9	0.32	0.18	21.0	350	310	0	583	+0.50	0.1	0.17
03	Treated	06/24/10	794	1080	7.69	279	0	19	6.8	141.0	52.5	1.79	0.79	12.0	324	340	0	568	+0.68	0.2	0.20
03	Treated	03/27/13	788	1100	7.48	268	0	25	5.8	135.0	51.4	1.00	0.44	26.0	308	327	0	549	+0.44	0.2	0.19
03	Treated	05/26/16	839	1130	7.41	270	0	23	6.2	148.0	56.5	1.77	0.53	1.8	356	329	0	602	+0.40	0.0	0.17
Averages			738	1018	6.40	261	0	20	5.7	133.6	47.5	1.13	0.49	16.3	292	318	0	529		0.1	0.17