

EPA ID#: 0187 System Name: Town of Lake Norden

Sampler- Mr Phillip Johnson Work Phone-(605)785-3602
 Title- Water Superintendent
 Address- PO Box 213
 Lake Norden SD 57248-0213

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

Population Served- 424 Service Connections- 245

Sources for Lake Norden

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1977	65	12		Groundwater	Vulnerable	Treatment At Plant
02	#2	1979	65	12		Groundwater	Vulnerable	Treatment At Plant
03	#3	1980	65	12		Groundwater	Vulnerable	Treatment At Plant
04	KINGBROOK I RWS	0000	0000	0000	Emergency	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
05	#4	1988	30	10		Groundwater	Vulnerable	Treatment At Plant
06	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Gravity Corrosion Control - Phosphates Fluoridation - H2SiF6
07	#5	1994	19	10		Groundwater	Non-Vulnerable	Treatment At Plant
11	#6	2001	58	12		Groundwater	Non-Vulnerable	Treatment At Plant
13	#7	2003	75	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
14	#8	2003	90	12		Groundwater	Non-Vulnerable	Treatment At Plant
15	#9	2004	60	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
16	NEW #2	2008	70	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
17	NEW #3	2008	70	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
18	NEW #1	2016	65	12		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
06	Treated	10/04/95	1024	1326	7.97	296	0	40	9.2	179.1	64.8	0.55	0.54	15.0	493	361	0	714	+1.06	1.8	2.85
01	Treated	12/28/93	1006	1308	7.88	281	0	38	7.9	177.0	69.9	0.98	1.04	14.0	483	343	0	730	+1.08	2.3	0.27
06	Treated	10/01/98	1080	1390	7.72	313	0	40	10.1	166.0	71.1	0.06	0.02	15.0	471	382	0	707	+0.79	1.5	0.30
06	Treated	12/04/01	921	1250	7.62	291	0	31	7.2	152.0	58.7	0.21	0.13	19.0	383	355	0	621	+0.64	2.3	1.42
06	Treated	03/30/05	990	1320	7.77	297	0	41	9.9	152.0	67.6	0.03	0.02	14.0	461	362	0	658	+0.79	0.9	0.22
06	Treated	04/01/08	1098	1370	7.80	316	0	58	8.8	191.0	61.6	0.19	0.23	14.0	497	386	0	730	+0.93	0.7	1.23
06	Treated	03/03/11	992	1330	7.78	317	0	34	8.4	166.0	76.0	0.04	0.05	14.0	449	378	0	727	+0.87	2.4	0.30
06	Treated	05/04/17	988	1270	7.88	303	0	34	7.5	167.0	70.6	0.00	0.11	15.0	435	370	0	708	+0.95	1.6	0.51
Averages			1012	1321	7.80	302	0	39	8.6	168.8	67.5	0.26	0.27	15.0	459	367	0	699		1.7	0.89