

# EPA ID#: 0432 System Name: Minnehaha Community Water Corp

Sampler- Mr Brian Benda      Work Phone-(605)428-3374  
 Title- Chief Plant Operator  
 Address- 47381 248th Street  
           Dell Rapids SD 57022-5305

Location-                      City: Baltic      County: Lincoln, Minnehaha, McCook  
 Service Area- Other residential areas  
 PWS Owner Type- Private Ownership  
 Water Supply Type- Groundwater Supply

Population Served- 12,805      Service Connections- 5,122

## Sources for Minnehaha Community Water Corp

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1977	50	10		Groundwater	Vulnerable	Treatment At Plant
02	#2	1977	50	12		Groundwater	Vulnerable	Treatment At Plant
03	#3	1976	50	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
04	#4	1976	45	12		Groundwater	Vulnerable	Treatment At Plant
05	#5	1976	50	10	Permanent	Groundwater	Vulnerable	Treatment At Plant
06	#6	2009	65	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
07	#7	2006	55	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
08	#8	1988	50	12		Groundwater	Vulnerable	Treatment At Plant
09	#9	1988	50	10	Permanent	Groundwater	Vulnerable	Treatment At Plant
10	NORTH TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Lime Disinfection - Hypochlorites Filtration - Mixed Media Mixing Device Ammoniation - Recarbonation Fluoridation - H2SiF6
11	#10	1990	60	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
12	#11	1994	45	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
13	#12	1994	44	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
25	#13	2000	50	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
26	#14	2000	65	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
27	#1A	1998	45	12		Groundwater	Non-Vulnerable	Treatment At Plant
28	SOUTH TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Lime Disinfection - Hypochlorites Filtration - Mixed Media Mixing Device Ammoniation - Recarbonation Fluoridation - H2SiF6
29	#21	2003	54	12	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
30	#22	2003	97	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
31	#23	2003	56	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

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<b>Source</b>	<b>Name</b>	<b>Year Built</b>	<b>Depth (feet)</b>	<b>Diameter (inches)</b>	<b>Availability</b>	<b>Type</b>	<b>Vulnerability</b>	<b>Treatment</b>
35	LEWIS & CLARK RWS-SIOUX FALLS	2012			Emergency	Purchased Surface	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
36	LEWIS & CLARK RWS-PLANT	2012			Permanent	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
37	#4	2016			Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
38	#8	2016			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	05/08/90	617	880	7.45	267	0	21	2.9	128.0	37.3	5.16	1.06	29.5	175	326	0	473	+0.15	0.1	0.33
03	Raw	09/08/88	513	759	7.31	297	0	11	2.4	110.0	33.7	3.49	0.84	15.8	130	362	0	413	+0.00	0.3	0.30
04	Raw	05/08/90	694	962	7.26	311	0	17	3.3	142.0	45.5	3.37	0.88	23.0	199	379	0	542	+0.07	0.2	0.37
05	Raw	05/08/90	575	830	7.48	262	0	14	2.5	121.0	36.3	3.12	1.00	22.0	157	320	0	452	+0.07	0.1	0.31
06	Raw	09/08/88	497	734	7.35	289	0	10	2.3	106.0	33.5	3.30	0.78	17.2	123	353	0	403	+0.01	0.2	0.32
07	Raw	09/08/88	546	770	7.34	265	0	12	2.4	110.0	34.7	3.84	0.78	15.0	172	323	0	417	-0.02	1.1	0.30
10	Raw	02/10/94	672	990	7.37	309	0	18	2.6	149.0	41.0	4.45	1.34	16.4	252	377	0	541	+0.56	0.1	0.31
10	Raw	03/05/96	592	880	7.43	284	0	17	2.9	133.2	38.6	2.76	1.12	17.0	213	246	0	491	+0.44	0.1	0.33
10	Raw	10/21/98	0	937	0.00	0	0	0	0.0	0.0	0.0	2.69	1.23	0.0	0	0	0	0	0.00	0.0	0.00
10	Raw	06/22/05	654	941	7.33	299	0	24	3.2	126.0	39.5	3.36	1.28	29.0	199	365	0	477	+0.32	0.1	0.34
28	Raw	06/22/05	691	990	7.32	250	0	32	3.7	121.0	39.8	1.28	0.71	37.0	245	305	0	466	+0.21	0.1	0.38
Averages			550	879	6.69	258	0	16	2.6	113.3	34.5	3.35	1.00	20.2	170	305	0	425		0.2	0.30

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
10	Treated	02/10/94	346	550	8.58	46	0	38	2.7	35.6	26.1	0.02	0.02	16.3	221	46	0	196	+0.34	0.3	1.14
10	Treated	03/05/96	0	0	0.00	0	0	0	0.0	0.0	0.0	0.38	0.48	0.0	0	0	0	0	0.00	0.0	0.00
10	Treated	10/21/98	376	570	8.71	29	0	31	4.4	31.7	29.6	0.06	0.02	22.0	202	33	1	201	+0.15	0.3	1.28
10	Treated	06/22/05	397	614	8.63	43	1	44	3.8	30.0	27.5	0.03	0.02	42.0	185	50	1	188	+0.21	0.4	1.28
28	Treated	06/22/05	485	735	8.33	41	0	60	3.9	42.6	26.9	0.03	0.02	48.0	233	50	0	217	+0.03	0.1	1.01
10	Treated	06/19/08	463	655	8.74	35	0	34	3.7	28.6	28.3	0.40	0.03	29.0	253	43	0	188	+0.20	1.0	1.35
10	Treated	03/16/11	316	506	8.92	41	0	27	3.4	27.5	25.9	0.02	0.02	35.0	151	38	6	175	+0.46	0.2	1.23
28	Treated	03/16/11	517	803	8.57	45	1	63	5.5	42.5	31.2	0.02	0.02	46.0	283	52	1	234	+0.29	0.4	1.28
28	Treated	04/29/14	429	674	8.01	31	0	39	5.5	53.5	23.2	0.00	0.00	42.0	229	38	0	229	-0.31	0.0	1.33
10	Treated	04/29/14	355	573	8.70	31	0	38	4.2	39.8	21.4	0.00	0.02	37.0	176	38	0	187	+0.27	0.6	1.37
10	Treated	04/12/17	329	520	8.71	36	0	31	4.0	39.8	20.8	0.00	0.00	31.0	164	44	0	185	+0.36	0.8	0.88
28	Treated	04/12/17	375	578	9.19	19	5	36	6.2	53.1	13.7	0.00	0.00	35.0	201	11	6	189	+0.67	0.0	0.68
Averages			366	565	7.92	33	1	37	3.9	35.4	22.9	0.08	0.05	31.9	192	37	1	182		0.3	1.07