

EPA ID#: 0086 System Name: City of Chamberlain

Sampler- Mr Brad Mohror Work Phone-(605)234-4412
 Title- Water Superintendent
 Address- PO Box 66
 Chamberlain SD 57325

Location- City: Chamberlain County: Brule
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Surface Water Supply

Population Served- 2,387 Service Connections- 980

Sources for Chamberlain

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	MISSOURI RIVER	0000	0000	0000	Permanent	Surface Water	Vulnerable	Treatment At Plant
05	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Iron Salts Lime Soda Ash NaAlO3 Disinfection - Gas Chlorine Chlorine Dioxide Filtration - Rapid Sand Mixing Device Recarbonation Sedimentation Fluoridation - H2SiF6
06	AURORA BRULE RW	1999			Emergency	Purchased Surface	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only

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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	11/17/93	483	749	8.44	155	0	75	4.6	60.8	24.4	0.28	0.05	14.0	245	179	0	252	+0.94	0.1	0.56
01	Raw	06/04/96	517	795	8.55	166	5	83	5.6	59.5	23.9	0.49	0.06	17.0	222	190	6	245	+0.99	0.1	0.48
05	Raw	03/25/99	513	762	8.34	155	1	72	4.6	54.1	21.9	0.23	0.02	11.7	229	187	1	225	+0.71	0.1	0.45
05	Raw	06/12/02	520	799	8.41	174	3	75	5.5	59.7	24.7	0.90	0.22	13.0	223	205	4	251	+0.87	0.1	0.48
Averages			508	776	8.44	163	2	76	5.1	58.5	23.7	0.48	0.09	13.9	230	190	3	243		0.1	0.49

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	11/17/93	419	654	8.22	87	0	91	4.7	33.5	15.5	0.02	0.02	16.0	248	106	0	147	+0.22	0.1	1.19
01	Treated	06/04/96	437	689	8.75	77	7	97	5.9	30.1	12.4	0.06	0.02	18.0	230	77	8	126	+0.58	0.1	1.05
05	Treated	03/25/99	456	686	8.53	75	5	88	4.8	29.1	12.6	0.08	0.02	15.7	232	79	6	125	+0.33	0.1	1.07
05	Treated	06/12/02	415	659	8.89	55	4	86	5.4	23.0	11.5	0.03	0.02	18.0	224	57	5	105	+0.46	0.1	1.33
05	Treated	06/23/05	395	614	8.94	49	5	79	5.6	29.2	8.7	0.05	0.02	20.0	220	48	6	109	+0.57	0.1	1.00
05	Treated	06/24/08	396	569	8.83	51	4	74	5.7	32.4	6.5	0.03	0.02	16.0	201	52	5	108	+0.52	0.2	1.02
05	Treated	06/14/11	402	614	8.47	60	1	74	5.2	31.2	12.5	0.03	0.03	21.0	205	71	1	129	+0.21	0.2	1.10
Averages			417	641	8.66	65	4	84	5.3	29.8	11.4	0.04	0.02	17.8	223	70	4	121		0.1	1.11