

**EPA ID#: 0048 System Name: City of Brandon**

Sampler- Mr Rollie Hoeke      Work Phone-(605)582-2273  
 Title- Utilities Manager  
 Address- 205 East Elm Street  
           Brandon SD 57005

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

Population Served- 9,981      Service Connections- 3,250

**Sources for Brandon**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1971	50	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
02	#2	1971	50	8	Emergency	Groundwater	Vulnerable	Treatment At Plant
03	#5	1976	52	10	Emergency	Groundwater	Vulnerable	Treatment At Plant
04	#4	1980	52	10	Emergency	Groundwater	Vulnerable	Treatment At Plant
05	TREAT SITE - #3				Emergency	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Disinfection - Gas Chlorine Corrosion Control - Caustic Soda Phosphates Fluoridation - H2SiF6
06	TREAT PLT-1,2,4,5				Emergency	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Disinfection - Gas Chlorine Corrosion Control - Caustic Soda Phosphates Fluoridation - H2SiF6
10	#6	1999	270	18	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
11	TREAT PLT- #6/#1				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Green Sand Corrosion Control - Phosphates Sedimentation
12	#3	1964	222	12	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
13	#7	1995	426	12	Emergency	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	07/02/91	486	746	7.62	290	0	11	3.3	116.0	29.1	0.03	0.60	16.5	81	354	0	409	+0.28	10.9	0.21
01	Raw	05/27/99	396	649	7.58	248	0	13	3.4	79.9	25.5	0.02	0.02	25.1	44	303	0	304	+0.35	4.2	0.23
11	Raw	08/19/03	494	775	7.26	311	0	23	8.2	104.0	33.9	0.85	0.32	4.0	132	379	0	399	+0.22	0.1	0.47
01	Raw	04/20/10	441	780	7.57	267	0	24	3.3	93.9	27.4	0.03	0.02	57.0	40	326	0	347	+0.43	5.8	0.24
Averages			454	738	7.51	279	0	18	4.6	98.5	29.0	0.23	0.24	25.7	74	341	0	365		5.3	0.29

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	01/10/94	455	756	7.22	299	0	29	6.0	93.1	32.6	0.95	0.25	4.4	123	365	0	367	+0.21	0.1	1.14
01	Treated	01/10/94	385	648	7.57	259	0	11	3.3	86.7	28.5	0.07	0.02	14.0	42	316	0	334	+0.46	6.4	0.45
01	Treated	04/18/90	521	765	7.38	253	0	17	3.6	98.3	30.2	0.12	0.24	23.2	81	309	0	370	-0.05	4.3	1.85
05	Treated	04/18/90	523	796	7.31	297	0	31	6.1	98.1	32.1	0.66	0.21	11.3	108	362	0	377	-0.05	0.1	0.62
05	Treated	04/03/96	496	818	7.73	329	0	39	6.0	92.5	32.5	0.58	0.23	7.0	136	401	0	365	+0.66	0.1	1.13
06	Treated	05/27/99	471	787	7.61	313	0	34	6.0	88.0	31.2	0.59	0.20	6.8	100	382	0	348	+0.50	0.1	0.98
11	Treated	08/19/03	492	774	7.49	298	0	22	8.6	102.0	33.7	0.11	0.07	10.0	134	364	0	393	+0.42	0.1	1.16
11	Treated	08/15/12	531	828	7.49	293	0	29	4.9	105.0	33.9	0.03	0.03	16.0	139	357	0	402	+0.42	0.6	1.15
11	Treated	08/15/12	0	0	0.00	0	0	0	0.0	0.0	0.0	1.31	0.28	0.0	138	0	0	413	+0.00	0.0	0.00
11	Treated	02/18/16	571	848	7.31	254	0	28	4.5	100.0	33.0	0.09	0.03	17.0	191	310	0	385	+0.15	0.6	0.53
Averages			445	702	6.71	260	0	24	4.9	86.4	28.8	0.45	0.16	11.0	119	317	0	375		1.2	0.90