

EPA ID#: 0007 System Name: City of Big Stone City

Sampler- Mr Bob Athey Work Phone-(605)862-8121
 Title- Utilities Manager
 Address- PO Box 246
 Big Stone City SD 57216-0246

Location- City: Big Stone City County: Grant
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Purchased Groundwater Supply

Population Served- 467 Service Connections- 275

Sources for Big Stone City

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
03	#3	1978	100	12		Groundwater	Non-Vulnerable	Treatment At Plant
04	#4	1986	250	12		Groundwater	Non-Vulnerable	Treatment At Plant
05	TREAT PLT FOR #3/#4					Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Polymers Disinfection - Gas Chlorine Fluoridation - H2SiF6
06	ORTONVILLE MN	1998			Permanent	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
09	TREATMENT BUILDING					Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Polymers Disinfection - Gas Chlorine Fluoridation - H2SiF6

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Common Ion Data

(All chemical data are reported in milligrams per liter (mg/l) except pH and Langelier 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	Langelier	NO3	F
03	Raw	03/13/81	1348	1716	7.20	422	0	16	6.5	233.0	95.0	3.80	0.50	3.2	562	515	0	973	+0.33	0.1	0.20

04	Treated	09/21/94	1242	1696	7.04	339	0	74	9.1	182.8	88.0	2.86	0.20	112.0	507	414	0	819	+0.17	0.3	0.93
04	Treated	03/19/97	1419	1938	0.00	369	0	86	9.4	224.0	101.0	1.68	0.58	159.0	567	450	0	975	+0.53	0.4	2.11
Averages			1331	1817	3.52	354	0	80	9.3	203.4	94.5	2.27	0.39	135.5	537	432	0	897		0.4	1.52