

**EPA ID#: 2175 System Name: Mid-Dakota Rural Water**

Sampler- Mr Bill Sarringar Work Phone-(605)945-0437  
 Title- Plant Manager  
 Address- 29111 Holly Road  
 Pierre SD 57501

Location- City: Pierre County: Hand, Hughes, Hyde, Sully  
 Service Area- Other residential areas  
 PWS Owner Type- Private Ownership  
 Water Supply Type- Surface Water Supply

Population Served- 10,200 Service Connections- 5,288

**Sources for Mid-Dakota Rural Water**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	MISSOURI RIVER	1997			Permanent	Surface Water	Non-Vulnerable	Treatment At Plant
02	PRETREATMENT				Permanent	Treatment Plant	Non-Vulnerable	Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Corrosion Control -
05	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Polymers Disinfection - Gas Chlorine Filtration - Carbon Filter Corrosion Control - Caustic Soda Mixing Device Ammoniation - Ammonia Gas Fluoridation - H2SiF6

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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
05	Raw	06/12/00	511	762	8.40	164	2	71	4.2	57.0	23.3	0.09	0.02	10.0	211	195	2	238	+0.82	0.1	0.49
05	Raw	10/09/02	500	784	8.48	175	5	74	4.8	56.1	24.0	0.03	0.02	12.0	213	201	6	239	+0.92	0.1	0.50
05	Raw	06/08/06	475	742	8.02	171	0	69	5.2	59.3	22.9	0.08	0.02	15.0	199	209	0	242	+0.48	0.1	0.63
05	Raw	06/30/09	497	768	8.08	160	0	72	5.0	60.1	23.7	0.03	0.02	14.0	222	195	0	248	+0.51	0.2	0.59
05	Raw	06/14/12	532	811	8.31	164	1	78	5.3	55.5	25.3	0.69	0.05	9.0	223	198	1	243	+0.71	0.2	0.42
Averages			503	773	8.26	167	2	73	4.9	57.6	23.8	0.18	0.03	12.0	214	200	2	242		0.1	0.53

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
05	Treated	06/12/00	517	783	8.20	162	0	71	4.3	58.0	23.2	0.02	0.02	15.5	213	198	0	240	+0.62	0.1	1.20
05	Treated	10/09/02	498	785	8.18	171	0	75	4.8	56.5	24.0	0.03	0.02	17.0	214	209	0	240	+0.61	0.1	1.12
05	Treated	06/08/06	478	756	7.91	169	0	70	5.1	59.2	22.7	0.03	0.02	17.0	198	206	0	241	+0.36	0.1	1.25
05	Treated	06/30/09	494	774	8.03	158	0	73	4.9	60.5	23.5	0.03	0.02	17.0	227	193	0	248	+0.46	0.2	1.00
05	Treated	06/14/12	537	827	7.98	160	0	80	5.1	55.7	24.7	0.06	0.04	15.0	226	195	0	241	+0.37	0.2	1.06
05	Treated	05/14/15	621	948	8.26	178	0	96	6.3	64.0	31.4	0.03	0.04	14.0	302	217	0	289	+0.74	0.0	1.00
Averages			524	812	8.09	166	0	77	5.1	59.0	24.9	0.03	0.03	15.9	230	203	0	250		0.1	1.11