

EPA ID#: 0242 System Name: City of Pierre

Sampler- Mr Dane Brewer Work Phone-(605)773-7448
 Title- Water Superintendent
 Address- PO Box 1253
 Pierre SD 57501-1253

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

Population Served- 13,938 Service Connections- 5,141

Sources for Pierre

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
02	TREAT SITE - #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
03	TREAT SITE - #3				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
04	TREAT SITE - #4				Emergency	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
05	TREAT SITE - #5				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
06	TREAT SITE - #6				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
07	TREAT SITE - #7				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
08	TREAT SITE - #8				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
09	TREAT SITE - #9				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
10	TREAT SITE - #10				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
11	TREAT SITE - #11				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
15	#1	1927	63	22	Permanent	Groundwater	Vulnerable	Treatment At Plant
16	#2	1930	60	22	Permanent	Groundwater	Vulnerable	Treatment At Plant
17	#3	1935	62	26	Permanent	Groundwater	Vulnerable	Treatment At Plant
18	#4	1948	64	20	Emergency	Groundwater	Vulnerable	Treatment At Plant
19	#5	1954	60	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
20	#6	1957	60	20	Permanent	Groundwater	Vulnerable	Treatment At Plant
21	#7	1961	63	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
22	#8	1970	60	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
23	#9	1977	60	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
24	#10	1977	60	24	Permanent	Groundwater	Vulnerable	Treatment At Plant

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Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
25	#11	1990	58	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
26	#12	2003	60	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
27	#13	2003	60	24	Permanent	Groundwater	Vulnerable	Treatment At Plant
28	TREAT SITE-#12	2003			Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates
29	TREAT SITE-#13	2003			Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Corrosion Control - Phosphates

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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	Treated	02/02/94	710	1070	7.54	210	0	109	5.1	84.4	32.7	0.11	2.22	25.0	298	256	0	345	+0.30	0.3	1.28
02	Treated	02/02/94	565	880	7.60	181	0	87	4.6	68.2	25.8	0.15	2.09	15.3	232	221	0	276	+0.22	0.1	1.26
03	Treated	02/02/94	501	770	7.79	158	0	69	4.3	60.2	22.9	0.08	1.49	11.0	194	193	0	245	+0.30	0.1	1.53
04	Treated	02/02/94	788	1100	7.59	220	0	128	4.9	85.6	33.3	0.36	2.30	34.0	351	268	0	351	+0.37	0.1	1.36
05	Treated	02/02/94	591	880	7.60	172	0	86	4.6	66.3	25.9	0.20	2.28	17.0	230	210	0	272	+0.19	0.1	1.39
06	Treated	02/02/94	1155	1650	7.69	261	0	232	7.2	101.0	43.5	0.32	2.72	148.0	438	318	0	431	+0.61	0.2	0.94
07	Treated	02/02/94	895	1320	7.60	233	0	170	6.1	84.6	35.2	0.33	2.21	117.0	287	284	0	356	+0.41	0.1	1.37
08	Treated	02/02/94	622	880	7.75	195	0	101	4.8	67.9	26.5	0.85	2.46	34.1	253	238	0	279	+0.39	0.1	1.22
09	Treated	02/02/94	539	770	7.62	178	0	88	4.4	61.6	22.4	0.16	1.92	17.0	206	217	0	246	+0.19	0.3	1.19
10	Treated	02/02/94	584	880	7.74	178	0	102	5.2	63.5	23.6	0.26	2.10	65.0	186	217	0	256	+0.32	0.1	1.04
11	Treated	02/02/94	677	990	7.67	202	0	124	5.6	65.8	27.6	0.09	1.60	49.7	247	246	0	278	+0.32	0.1	0.97
01	Treated	04/24/96	664	981	7.74	227	0	99	5.5	78.7	31.6	0.37	2.26	21.0	281	277	0	327	+0.41	0.1	1.29
02	Treated	04/24/96	779	1090	7.64	194	0	112	5.9	87.7	35.0	0.06	2.82	24.0	384	237	0	363	+0.27	0.1	1.54
03	Treated	04/24/96	498	763	7.75	168	0	73	4.6	59.6	24.1	0.06	1.67	14.0	221	204	0	248	+0.20	0.2	1.49
04	Treated	04/24/96	1112	1526	7.53	279	0	190	6.8	114.2	46.7	0.28	3.26	62.0	511	340	0	477	+0.39	0.1	0.48
05	Treated	04/24/96	618	872	7.71	185	0	89	5.6	68.4	28.0	0.27	2.46	24.0	275	226	0	286	+0.24	0.1	1.01
06	Treated	04/24/96	1373	2071	7.51	280	0	282	8.6	114.4	48.5	0.43	3.42	188.0	543	342	0	485	+0.34	0.2	0.86
07	Treated	04/24/96	755	1199	7.63	239	0	137	6.4	76.2	32.1	0.44	3.56	78.0	285	292	0	322	+0.29	0.5	1.77
08	Treated	04/24/96	758	1145	7.61	215	0	122	5.9	81.7	33.2	0.62	2.98	39.0	320	262	0	340	+0.25	0.2	1.36
09	Treated	04/24/96	541	818	7.74	183	0	85	5.1	63.9	23.8	0.15	2.16	22.0	224	223	0	257	+0.25	0.3	1.35
10	Treated	04/24/96	540	818	7.82	188	0	91	5.3	60.3	23.5	0.14	2.08	42.0	195	229	0	247	+0.31	0.2	1.31
11	Treated	04/24/96	971	1472	7.53	231	0	176	7.6	94.6	41.2	2.87	2.54	138.0	368	260	0	406	+0.20	0.1	4.11
01	Treated	06/23/99	839	1180	7.67	229	0	125	5.9	91.9	35.6	0.09	2.34	29.0	388	279	0	376	+0.38	0.1	1.44
02	Treated	06/23/99	914	1240	7.66	205	0	142	6.0	93.6	36.1	0.03	2.67	28.7	455	250	0	382	+0.32	0.1	1.03
03	Treated	06/23/99	534	789	7.83	170	0	74	4.8	64.5	23.8	0.02	1.64	13.0	241	207	0	259	+0.31	0.1	1.16
04	Treated	06/23/99	883	1240	7.57	242	0	142	6.1	92.6	36.3	0.10	2.28	36.0	404	295	0	381	+0.30	0.1	0.49
05	Treated	06/23/99	680	966	7.74	187	0	104	5.5	73.0	28.0	0.53	2.46	19.0	312	2228	0	298	+0.29	0.1	1.51
06	Treated	06/23/99	1460	2050	7.51	302	0	280	8.4	120.0	50.6	0.24	3.30	123.0	622	368	0	508	+0.38	0.2	1.02
07	Treated	06/23/99	1288	1890	7.55	282	0	245	8.0	114.0	46.5	0.57	2.84	151.0	511	344	0	476	+0.39	0.4	1.51
08	Treated	06/23/99	749	1110	7.80	216	0	124	5.7	78.6	30.8	0.49	2.63	32.0	331	264	0	323	+0.43	0.1	0.99
09	Treated	06/23/99	646	931	7.71	204	0	96	5.1	73.9	26.6	0.12	2.48	23.0	280	249	0	294	+0.31	0.1	1.01
10	Treated	06/23/99	575	889	7.80	194	0	90	5.0	64.3	23.4	0.08	2.15	31.0	221	237	0	257	+0.33	0.1	0.99
11	Treated	06/23/99	1090	1660	7.66	223	0	198	7.6	101.0	41.5	0.14	2.50	187.0	377	272	0	423	+0.37	0.1	0.97
01	Treated	03/07/02	783	1160	7.46	223	0	121	6.2	88.0	30.9	0.09	2.31	28.0	358	272	0	347	+0.15	0.1	1.61
02	Treated	03/07/02	822	1210	7.49	205	0	129	6.3	88.2	32.1	0.05	2.56	26.0	403	250	0	352	+0.14	0.1	1.19

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Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
03	Treated	03/07/02	516	797	7.64	169	0	73	5.2	62.4	21.9	0.03	1.55	13.0	226	206	0	246	+0.11	0.1	1.02
04	Treated	03/07/02	1323	1880	7.32	299	0	230	7.8	125.0	47.1	0.24	3.40	65.0	641	365	0	506	+0.22	0.1	1.09
05	Treated	03/07/02	748	1120	7.56	191	0	122	6.3	74.8	28.7	0.20	2.44	22.0	367	233	0	305	+0.12	0.1	1.35
06	Treated	03/07/02	1207	1810	7.38	277	0	228	8.7	108.0	43.1	0.35	2.91	109.0	545	338	0	447	+0.20	0.1	1.21
07	Treated	03/07/02	783	1240	7.59	237	0	146	6.7	76.9	29.7	0.34	2.13	75.0	307	289	0	314	+0.25	0.1	1.59
08	Treated	03/07/02	622	972	7.62	211	0	98	5.6	69.0	25.5	1.14	2.32	23.0	270	257	0	277	+0.21	0.1	1.38
09	Treated	03/07/02	573	900	7.57	187	0	88	5.1	67.3	23.1	0.14	2.24	23.0	252	228	0	263	+0.10	0.1	1.10
10	Treated	03/07/02	556	895	7.69	185	0	89	5.6	63.5	21.7	0.12	2.09	35.0	225	226	0	248	+0.20	0.1	0.94
11	Treated	03/07/02	1036	1660	7.47	215	0	193	7.9	96.7	37.6	0.55	2.41	179.0	381	262	0	396	+0.15	0.1	1.09
28	Treated	04/20/05	473	722	7.60	176	0	69	4.4	52.4	20.9	0.24	2.10	13.0	184	215	0	217	+0.02	0.1	1.77
29	Treated	04/20/05	470	704	7.58	168	0	67	4.6	51.9	20.6	0.24	2.39	13.0	183	205	0	214	-0.02	0.1	2.06
01	Treated	06/18/08	929	1290	7.53	245	0	154	6.7	106.0	39.9	0.59	2.92	37.0	427	299	0	429	+0.32	0.2	0.49
02	Treated	06/18/08	763	1090	7.70	204	0	120	6.1	76.9	29.7	0.16	2.17	24.0	359	249	0	314	+0.29	0.2	0.64
03	Treated	06/18/08	477	713	7.60	172	0	66	5.2	55.9	21.1	0.59	1.58	13.0	186	210	0	226	+0.04	0.2	0.64
05	Treated	06/18/08	584	871	7.69	189	0	90	5.9	63.2	24.2	0.91	2.11	17.0	249	230	0	257	+0.20	0.2	1.05
06	Treated	06/18/08	1401	2070	7.40	335	0	275	9.3	129.0	56.9	0.50	3.60	129.0	657	409	0	556	+0.35	0.2	1.43
07	Treated	06/18/08	1473	2190	7.37	305	0	285	9.0	129.0	50.8	0.67	3.32	188.0	614	372	0	531	+0.28	0.2	1.62
08	Treated	06/18/08	565	810	7.18	167	0	87	5.6	62.0	21.4	2.06	2.12	41.0	204	204	0	243	-0.37	0.2	3.47
09	Treated	06/18/08	594	899	7.53	191	0	88	5.5	68.3	24.5	0.14	2.20	34.0	242	233	0	271	+0.08	0.2	1.49
10	Treated	06/18/08	566	890	7.77	200	0	95	5.8	59.9	22.3	0.16	2.00	62.0	177	244	0	241	+0.28	0.2	0.80
11	Treated	06/18/08	1409	2150	7.49	222	0	258	8.9	129.0	52.5	0.13	3.02	310.0	473	271	0	538	+0.26	0.2	0.92
28	Treated	06/18/08	490	740	7.63	184	0	69	5.0	59.2	20.8	0.22	1.93	15.0	183	224	0	233	+0.12	0.2	1.61
29	Treated	06/18/08	490	736	7.70	178	0	69	4.9	57.5	21.6	0.26	2.29	12.0	196	217	0	232	+0.16	0.2	1.61
01	Treated	10/17/13	1017	1440	7.62	244	0	152	6.5	103.0	43.5	1.27	2.81	38.0	473	298	0	436	+0.38	0.0	1.36
02	Treated	10/17/13	797	1160	7.58	201	0	122	5.7	79.0	33.2	0.15	2.51	25.0	378	245	0	334	+0.18	0.0	1.14
03	Treated	10/17/13	689	1020	7.59	187	0	106	6.4	71.9	29.9	0.07	1.84	16.0	323	2128	0	302	+0.13	0.0	1.38
05	Treated	10/17/13	800	80	7.64	190	0	125	5.8	79.5	33.3	0.28	2.72	21.0	384	232	0	336	+0.21	0.0	1.44
06	Treated	10/17/13	2005	2760	7.51	383	0	353	11.0	180.0	81.4	0.78	5.02	197.0	883	467	0	784	+0.62	0.0	1.22
07	Treated	10/17/13	3311	4300	7.36	476	0	636	14.9	254.0	115.0	1.24	7.24	388.0	1480	581	0	1110	+0.63	0.0	1.76
08	Treated	10/17/13	800	1160	7.61	223	0	115	6.2	86.6	33.6	0.64	3.03	32.0	360	272	0	354	+0.29	0.0	0.90
09	Treated	10/17/13	742	1060	7.65	201	0	103	5.7	81.5	29.5	0.23	2.82	28.0	326	245	0	325	+0.27	0.0	1.31
10	Treated	10/17/13	620	938	7.68	191	0	92	5.4	64.3	24.1	0.11	2.35	28.0	258	233	0	260	+0.19	0.0	1.20
11	Treated	10/17/13	1156	1740	7.54	226	0	203	7.4	102.0	46.3	0.10	2.59	140.0	471	276	0	445	+0.25	0.0	1.15
28	Treated	10/17/13	586	858	7.69	182	0	82	5.6	63.4	23.7	0.26	2.01	12.0	251	222	0	256	+0.18	0.0	1.15
29	Treated	10/17/13	546	813	7.68	178	0	73	4.6	61.1	23.2	0.29	2.36	11.0	226	217	0	248	+0.16	0.0	1.28
01	Treated	06/20/17	1188	1710	7.57	273	0	161	5.9	140.0	50.4	0.53	4.19	50.0	590	333	0	557	+0.49	0.0	0.43
03	Treated	06/20/17	761	1130	7.71	196	0	113	5.8	69.0	33.0	0.19	1.99	18.0	372	239	0	308	+0.24	0.0	0.45
10	Treated	06/20/17	724	110	7.73	187	0	99	6.3	71.7	31.1	0.24	2.96	41.0	321	228	0	307	+0.26	0.0	0.43
11	Treated	06/20/17	1374	2060	7.54	236	0	229	8.7	115.0	53.0	0.20	3.08	164.0	593	288	0	505	+0.30	0.0	0.82
28	Treated	06/20/17	625	948	7.62	183	0	88	5.2	64.8	27.0	0.21	2.15	14.0	293	223	0	273	+0.12	0.0	0.46
29	Treated	06/20/17	640	927	7.62	184	0	87	5.8	69.0	27.0	0.27	2.75	14.0	288	224	0	283	+0.14	0.0	0.46
Averages			841	1206	7.61	217	0	140	6.2	84.9	33.9	0.37	2.56	60.5	359	316	0	351		0.1	1.23