

EPA ID#: 0077 System Name: Town of Buffalo Gap

Sampler- Mr Todd Heck Work Phone-(605)833-2481
Title- Utilities Manager
Address- PO Box 67
Buffalo Gap SD 57722

Location- City: Buffalo Gap County: Custer
Service Area- Municipality
PWS Owner Type- Local Government
Water Supply Type- Groundwater Supply

Population Served- 126 Service Connections- 88

Sources for Buffalo Gap

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
02	TREAT SITE - #2					Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
05	#1	1963	1270	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
06	#2	1997	1450	8		Groundwater	Non-Vulnerable	Treatment At Plant

EPA ID#: 0077 System Name: Town of Buffalo Gap

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	06/01/95	438	770	7.48	267	0	24	12.0	105.0	24.0	0.95	0.04	3.0	138	326	0	362	+0.05	0.1	0.61
01	Raw	05/16/01	457	745	7.83	286	0	25	8.2	93.7	27.3	4.41	0.07	6.0	102	349	0	346	+0.78	0.5	0.64
02	Raw	05/16/01	115	230	9.46	80	0	25	8.8	3.2	8.7	0.41	0.05	7.0	14	67	15	44	+0.96	0.5	0.19
05	Raw	03/23/04	461	765	7.57	277	0	26	7.9	89.8	26.0	3.18	0.04	14.0	120	338	0	331	+0.46	0.1	0.63
Averages			368	628	8.09	228	0	25	9.2	72.9	21.5	2.24	0.05	7.5	94	270	4	271		0.3	0.52

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	06/03/98	460	780	7.60	270	0	20	9.9	97.0	24.0	0.05	0.03	6.0	130	330	0	380	+0.54	0.1	0.62
01	Treated	03/27/07	441	755	7.85	282	0	23	8.2	90.3	26.7	0.05	0.01	7.0	101	344	0	335	+0.75	0.6	0.65
01	Treated	08/19/09	481	756	7.58	281	0	23	8.3	93.7	27.6	0.03	0.02	8.0	116	343	0	348	+0.45	0.2	0.65
01	Treated	01/15/13	459	794	7.63	289	0	30	7.7	100.0	26.2	0.52	0.02	19.8	115	352	0	358	+0.59	0.1	0.57
01	Treated	06/29/16	425	729	7.97	284	0	23	7.2	110.0	25.6	0.00	0.09	4.7	116	346	0	380	+0.96	0.1	0.61
Averages			453	763	7.73	281	0	24	8.3	98.2	26.0	0.13	0.03	9.1	116	343	0	360		0.2	0.62