

EPA ID#: 2121 System Name: Children's Home Society

Sampler- Mr Bob Powles Work Phone-
Title- Water Manager
Address- 7963 Deerview Road
Piedmont SD 57769

Location- City: Rapid City County: Pennington
Service Area- Institution
PWS Owner Type- Private Ownership
Water Supply Type- Groundwater Supply

Population Served- 120 Service Connections- 4

Months that System is Open to Public-Season Opening Date- January 1st Season Closing Date- December 31st

Sources for Children's Home Society

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
03	TREAT SITE - #3				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
04	#3	1990	308	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
05	#2-SCHOOL	1978	62	6	Emergency	Groundwater	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
03	Raw	10/20/94	204	425	7.27	162	0	10	4.0	55.0	15.0	0.05	0.03	16.0	40	198	0	199	-0.20	0.1	0.28
03	Raw	04/29/98	322	308	7.74	155	0	11	3.0	56.0	15.0	0.03	0.02	18.0	36	189	1	202	+0.13	0.1	0.28
03	Raw	10/03/00	276	410	7.31	146	0	8	5.0	129.0	48.0	0.03	0.01	17.0	37	178	1	520	+0.04	0.1	0.20
03	Raw	10/01/03	271	450	7.03	154	0	12	3.7	56.4	14.5	0.05	0.02	22.0	34	188	0	200	-0.53	0.1	0.31
Averages			268	398	7.34	154	0	10	3.9	74.1	23.1	0.04	0.02	18.3	37	188	1	280		0.1	0.27

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	03/06/07	276	510	8.00	150	0	13	3.6	65.9	16.7	0.26	0.01	36.0	44	183	0	233	+0.49	0.1	0.86
03	Treated	02/23/10	284	486	7.37	150	0	14	4.1	55.7	15.5	0.05	0.01	37.0	41	183	0	203	-0.21	0.3	1.59
03	Treated	07/18/12	285	514	7.36	144	0	13	4.1	67.6	16.6	0.08	0.01	46.6	47	176	0	237	-0.16	0.1	0.23
03	Treated	09/29/15	238	399	7.32	144	0	13	3.7	47.5	12.8	0.00	0.04	21.0	28	176	0	171	-0.33	0.0	1.63
Averages			271	477	7.51	147	0	13	3.8	59.2	15.4	0.10	0.02	35.2	40	180	0	211		0.1	1.08