

EPA ID#: 0697 System Name: Palmer Gulch Lodge/Mt Rushmore KOA

Sampler- Mr Ed Striebel Work Phone-(605)787-5653
 Title- Contract Operator
 Address- 7005 Timberline Road
 Black Hawk SD 57718

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

Population Served- 850 Service Connections- 468

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

Sources for Palmer Gulch Lodge/Mt Rushmore KOA

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1995	423	6	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
02	#2	1972	160	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
03	#3	1980	340	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
04	#4	1990	205	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
05	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Coagulation, Softening - KMnO4 Disinfection - Hypochlorites Filtration - Green Sand Corrosion Control - Mixing Device Sedimentation
06	#5	1987	205	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
07	#6	1991	125	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
14	#7	2004	500	8	Permanent	Groundwater	Non-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
01	Raw	05/29/84	0	0	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	0	0	0	0	0.00	0.1	0.00
02	Raw	05/29/84	0	0	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	0	0	0	0	0.00	0.1	0.00
03	Raw	05/29/84	0	0	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	0	0	0	0	0.00	0.1	0.00
04	Raw	04/24/90	0	460	0.00	0	0	14	0.0	0.0	0.0	0.00	0.00	0.0	83	0	0	0	0.00	0.1	0.00
Averages			0	115	0.00	0	0	4	0.0	0.0	0.0	0.00	0.00	0.0	21	0	0	0		0.1	0.00

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	09/20/95	0	0	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	44	0	0	0	0.00	0.1	0.00