

## EPA ID#: 0627 System Name: South Canyon Country Estates

Sampler- Mr Mike Riker Work Phone-(605)341-7800  
Title- Water Manager  
Address- 8545 Kings Court  
Rapid City SD 57702

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

Population Served- 420 Service Connections- 138

### Sources for South Canyon Country Estates

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
02	#2	1972	740	5		Groundwater	Vulnerable	No Treatment
04	TREAT SITE - #3				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
05	#1	1978	1200	7	Permanent	Groundwater	Vulnerable	Treatment At Plant
06	#3	1999	1240	7	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
08	ENTRY POINT #1 #3				Permanent		Non-Vulnerable	No Treatment

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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	09/21/95	280	555	7.95	219	0	59	7.0	24.0	18.0	0.05	0.03	34.0	23	283	0	134	+0.23	0.2	1.08
01	Raw	06/09/98	280	600	8.20	220	0	62	6.0	22.0	18.0	0.14	0.03	34.0	22	270	0	170	+0.40	0.2	1.10
01	Raw	11/14/00	330	600	7.96	226	0	65	6.0	21.0	18.0	0.06	0.01	41.0	29	276	1	123	+0.08	0.1	1.40
04	Raw	11/14/00	370	684	8.16	242	0	84	6.0	19.0	17.0	0.03	0.01	56.0	34	295	1	120	+0.26	0.1	1.50
01	Raw	04/30/07	317	605	7.94	226	0	68	6.6	25.5	19.8	0.05	0.01	33.8	30	275	0	145	+0.20	0.1	1.32
04	Raw	04/30/07	266	539	7.96	234	0	49	5.6	29.6	24.0	0.05	0.01	13.0	29	285	0	173	+0.30	0.1	1.03
Averages			307	597	8.03	228	0	65	6.2	23.5	19.1	0.06	0.02	35.3	28	281	0	144		0.1	1.24

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	11/19/03	336	670	8.06	234	0	79	5.3	24.6	20.1	0.20	0.05	52.0	30	285	0	144	+0.32	0.1	1.29
04	Treated	11/19/03	318	638	8.10	244	0	69	5.0	27.9	22.4	0.07	0.00	36.0	26	298	0	162	+0.43	0.5	1.09
08	Treated	09/02/09	292	533	7.99	244	0	37	4.0	28.8	26.7	0.05	0.01	15.5	22	298	0	182	+0.33	0.5	0.79
08	Treated	06/12/13	285	543	7.95	243	0	42	4.7	42.6	27.0	0.05	0.01	16.6	21	296	0	218	+0.46	0.5	0.79
04	Treated	01/06/16	299	540	7.99	240	0	56	4.8	30.2	24.4	0.26	0.00	12.6	292	292	0	176	+0.35	0.0	1.00
Averages			306	585	8.02	241	0	56	4.7	30.8	24.1	0.13	0.01	26.5	78	294	0	176		0.3	0.99