

Common Test Results For Rushmore Ranch Estates (EPA ID: 2212)

Sampler- Mr Ed Striebel Work Phone-(605)786-4366
Title- Water Operator
Address- PO Box 761
Black Hawk SD 57718

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

Population Served- 128 Service Connections- 51

Sources for Rushmore Ranch Estates

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1 TREATMENT SITE				Emergency	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
03	#1	1995	500	5	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
04	TREAT SITE #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
05	#2	2001	800	7	Permanent	Groundwater	Vulnerable	Treatment At Plant

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Test Data

(All chemical data are reported in milligrams per liter (mg/l) except pH and Langlier Index)

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	03/16/01	180	332	7.94	129	0	8	2.9	35.2	12.4	0.05	0.05	10.0	16	157	0	139	+0.24	0.3	0.28

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
04	Treated	03/09/04	196	346	7.90	123	0	11	2.6	36.9	11.4	0.12	0.01	16.5	18	150	1	139	+0.05	0.6	0.27
04	Treated	03/06/07	174	340	8.19	134	0	10	2.8	43.9	12.0	0.22	0.01	11.5	26	164	0	159	+0.46	0.3	0.29
04	Treated	02/23/10	199	343	7.91	120	0	13	3.1	43.5	12.4	0.06	0.01	20.5	23	146	0	160	+0.13	0.5	0.26
04	Treated	07/18/12	197	358	7.94	123	0	12	3.1	44.1	12.5	0.05	0.01	21.9	26	150	0	161	+0.17	0.5	0.23
04	Treated	09/29/15	204	350	7.82	117	0	13	3.1	37.8	11.0	0.00	0.04	26.0	23	143	0	140	-0.01	0.3	0.28
04	Treated	03/18/19	139	348	8.10	120	0	12	3.1	35.9	10.9	0.00	0.00	22.2	24	146	0	135	+0.23	0.4	0.26
Averages			185	348	7.98	123	0	12	3.0	40.4	11.7	0.07	0.01	19.8	23	150	0	149		0.4	0.27