

EPA ID#: 2203 System Name: The Ranch at Black Gap

Sampler- Mr Jeff Lage Work Phone-(605)348-0542
Title- Water Manager
Address- 3006 W St Louis Street
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- 305 Service Connections- 122

Sources for The Ranch at Black Gap

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
03	#1	1998	1008	6	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
04	#2	2005	3307	10	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 Langelier 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	Langelier	NO3	F
04	Raw	01/29/16	203	386	8.00	161	0	11	2.9	43.7	17.4	0.35	0.01	2.8	38	196	0	181	+0.35	0.0	0.47

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01	Treated	11/14/00	530	804	7.70	208	0	9	6.0	108.0	27.0	0.03	0.01	5.0	216	254	1	380	+0.48	0.1	0.40
03	Treated	09/10/03	563	796	7.24	218	0	9	6.1	127.0	31.2	0.08	0.06	5.0	228	266	0	446	+0.12	0.2	0.37
01	Treated	04/25/07	521	809	7.61	211	0	9	5.0	103.0	29.0	0.09	0.01	4.0	217	257	0	377	+0.45	0.5	0.41
01	Treated	09/01/09	427	616	7.84	183	0	13	4.3	68.9	24.7	0.05	0.01	4.8	140	224	0	274	+0.44	0.5	0.53
01	Treated	05/21/13	446	651	7.59	190	0	12	5.0	90.0	25.0	0.21	0.02	4.0	154	232	0	330	+0.37	0.5	0.60
Averages			497	735	7.60	202	0	10	5.3	99.4	27.4	0.09	0.02	4.6	191	247	0	361		0.4	0.46