Common Test Results For Blucksberg Mountain #1 (EPA ID: 0324)

Sampler- Mr Al Sage Work Phone-(605)391-7483

Title- Contract Operator

Address- 5310 Ebony Place

Piedmont SD 57769

Location- City: Sturgis County: Meade

Service Area- Homeowners Association

PWS Owner Type- Private Ownership

Water Supply Type- Groundwater Supply

Population Served- 223 Service Connections- 89

Sources for Blucksberg Mountain #1

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - NORTH				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
02	TREAT SITE - SOUTH				Emergency	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
03	TREAT SITE - CENTRAL				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
07	NORTH WELL	1973	1000	7	Permanent	Groundwater	Vulnerable	Treatment At Plant

Date Of This Report: October 27, 2026

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Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
08	SOUTH WELL	1976	1120	7	Emergency	Groundwater	Vulnerable	Treatment At Plant
09	CENTRAL WELL	1996	1600	7	Permanent	Groundwater	Non-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	03/29/94	215	375	7.79	204	0	2	1.2	54.9	18.8	1.22	0.03	2.0	15	249	0	214	-0.41	0.4	0.15
02	Raw	03/29/94	191	375	7.83	197	0	2	1.3	47.9	19.9	0.02	0.02	3.2	12	240	0	202	-0.38	0.2	0.17
01	Raw	11/26/96	206	400	7.60	195	0	2	1.0	54.0	17.0	0.05	0.03	1.0	11	238	0	205	+0.20	0.2	0.20
02	Raw	11/28/96	190	380	7.60	192	0	2	1.0	43.0	18.0	0.05	0.03	2.0	7	234	0	182	+0.10	0.2	0.10
01	Raw	04/12/00	178	399	7.74	194	0	3	1.0	52.0	16.0	0.03	0.01	1.0	15	237	1	200	+0.22	0.2	0.20
02	Raw	04/12/00	160	376	7.80	189	0	3	1.0	45.0	18.0	0.03	0.01	1.0	9	231	1	190	+0.21	0.2	0.10
03	Raw	04/12/00	126	316	7.97	161	0	4	1.0	38.0	14.0	3.00	0.01	1.0	19	196	1	150	+0.27	0.1	0.20
07	Raw	06/20/12	221	409	7.74	200	0	4	1.2	57.5	18.0	0.05	0.01	1.5	14	244	0	217	+0.30	0.5	0.15
08	Raw	06/20/12	197	374	7.88	190	0	3	1.3	47.9	18.9	0.43	0.01	0.6	10	232	0	198	+0.34	0.2	0.17
09	Raw	06/20/12	153	284	8.13	145	0	4	1.1	36.4	13.5	0.05	0.01	0.7	10	177	0	147	+0.35	0.1	0.18
01	Raw	01/28/21	210	417	8.09	204	0	3	1.1	54.2	18.2	0.00	0.00	1.9	19	249	0	210	+0.63	0.0	0.13
07	Raw	12/01/23	223	418	7.92	200	0	3	1.2	54.4	18.9	0.82	0.05	1.8	22	244	0	214	+0.45	0.0	0.14
Averages			189	377	7.84	189	0	3	1.1	48.8	17.4	0.48	0.02	1.5	14	231	0	194		0.2	0.16

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
08	Treated	07/29/03	200	376	8.09	193	0	2	1.1	48.0	19.9	0.03	0.02	3.0	10	235	0	202	+0.57	0.3	0.17
07	Treated	07/29/03	223	407	7.70	202	0	4	1.1	55.2	18.4	0.04	0.02	3.0	10	246	0	214	+0.27	0.3	0.17
09	Treated	07/29/03	202	377	7.76	193	0	2	1.2	51.5	19.2	0.05	0.02	3.0	10	235	0	208	+0.29	0.2	0.16
07	Treated	09/27/05	203	403	7.85	198	0	3	0.8	48.0	18.4	0.05	0.01	1.3	21	241	0	196	+0.32	0.0	0.14
09	Treated	09/27/05	154	328	7.91	166	0	4	0.8	37.3	15.0	0.05	0.01	1.3	10	202	0	155	+0.20	0.0	0.15
08	Treated	09/27/05	173	374	8.10	190	0	2	0.9	41.4	19.4	0.05	0.01	0.5	10	232	0	183	+0.49	0.0	0.16
01	Treated	06/02/09	320	417	8.06	204	0	9	1.0	51.0	17.0	0.00	0.00	9.5	14	249	0	200	+0.65	0.3	0.20
02	Treated	06/02/09	210	355	7.98	190	0	4	1.0	47.0	20.0	0.00	0.00	3.4	8	232	0	200	+0.54	0.2	0.30
03	Treated	06/02/09	240	404	7.99	172	0	27	1.0	42.0	15.0	0.00	0.00	26.8	6	210	0	160	+0.45	0.2	0.20
03	Treated	04/01/15	188	375	7.97	191	0	3	1.2	46.2	20.6	0.00	0.00	0.0	0	233	0	200	+0.41	0.5	0.14
08	Treated	04/01/15	177	383	7.90	193	0	5	1.3	47.2	20.1	0.00	0.00	3.5	0	236	0	201	+0.36	0.0	0.15
07	Treated	04/01/15	221	419	7.80	203	0	5	1.2	56.8	19.0	0.00	0.00	4.0	15	248	0	220	+0.36	0.5	0.14
01	Treated	04/10/18	195	412	7.81	195	0	3	1.2	56.9	18.5	0.00	0.00	1.0	20	237	0	218	+0.35	0.0	0.15
02	Treated	04/10/18	186	380	7.82	194	0	3	1.3	46.5	19.4	0.22	0.00	0.0	0	237	0	196	+0.27	0.0	0.17

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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	04/10/18	170	315	7.91	166	0	4	1.1	40.4	14.7	0.00	0.00	0.0	0	203	0	161	+0.23	0.0	0.16
03	Treated	12/01/23	166	313	8.03	160	0	5	1.0	38.6	14.2	0.00	0.00	1.4	0	195	0	155	+0.32	0.0	0.17
Averages			202	377	7.92	188	0	5	1.1	47.1	18.1	0.03	0.01	3.8	8	229	0	192		0.2	0.17

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