

EPA ID#: 0514 System Name: Northdale Sanitary District

Sampler- Mr Bob Powles Work Phone-
Title- Water Sampler
Address- 7963 Deerview Road
Piedmont SD 57769

Location- City: Black Hawk County: Meade, Pennington
Service Area- Homeowners Association
PWS Owner Type- Private Ownership
Water Supply Type- Groundwater Supply

Population Served- 1,075 Service Connections- 430

Sources for Northdale Sanitary District

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1/#2				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
03	#2 COBBLESTONE	2001	810	7	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
04	#1	1978	815	7	Permanent	Groundwater	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
02	Raw	04/29/02	227	418	6.25	211	0	2	2.2	44.2	20.3	0.65	0.05	1.5	14	257	0	194	-1.30	0.1	0.32

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01	Treated	01/09/96	200	400	7.94	200	8	4	3.0	52.0	19.0	0.05	0.03	7.0	11	224	0	208	+0.53	0.3	0.18
01	Treated	11/09/98	190	420	7.80	200	0	2	2.6	40.0	20.0	0.05	0.02	2.0	8	240	0	210	+0.28	0.7	0.24
01	Treated	04/29/02	234	430	7.73	65	0	3	2.1	44.1	19.5	0.05	0.05	4.5	10	79	0	190	-0.32	0.5	60.00
01	Treated	10/26/04	228	400	7.62	200	0	2	2.4	52.3	19.6	0.03	0.02	3.0	10	244	0	211	+0.16	0.3	1.27
01	Treated	12/04/07	226	459	7.35	190	0	12	2.2	48.3	19.8	0.06	0.01	12.5	10	231	0	202	-0.19	0.5	9.71
01	Treated	01/05/11	217	416	7.84	203	0	4	2.3	46.3	20.4	0.26	0.01	2.6	12	247	0	200	+0.31	0.3	1.40
01	Treated	10/18/13	465	903	8.26	285	0	112	2.5	63.9	20.2	0.00	0.00	165.0	12	348	0	243	+1.02	0.0	2.90
01	Treated	08/30/16	216	412	7.86	204	0	3	2.3	53.2	19.8	0.00	0.00	1.7	12	249	0	214	+0.39	0.0	0.73
Averages			247	480	7.80	193	1	18	2.4	50.0	19.8	0.06	0.02	24.8	11	233	0	210		0.3	9.55