

# EPA ID#: 2232 System Name: Shirt Tail Gulch Development

Sampler- Mr Rollin Sieveke Work Phone-  
Title- Water Manager  
Address- PO Box 698  
Lead SD 57754

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

Population Served- 60 Service Connections- 24

## Sources for Shirt Tail Gulch Development

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
02	TREAT SITE - #1				Emergency	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Filtration - Cartridge Mixing Device Taste and Order Control
03	#1	1996	743	5	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
04	#2	2015	226		Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
05	TREAT SITE - #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Filtration - Cartridge Mixing Device Taste and Order Control

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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
02	Raw	04/24/03	292	522	8.00	220	0	65	3.2	43.4	11.0	0.05	0.05	8.8	38	268	0	154	+0.48	0.1	2.29
02	Raw	06/28/06	316	523	7.62	220	0	67	3.6	34.6	10.6	0.50	0.08	9.0	32	268	0	130	-0.01	0.1	2.27
02	Raw	06/02/09	310	529	7.83	222	0	68	3.1	33.5	10.4	0.60	0.11	9.0	41	271	0	126	+0.20	0.2	2.29
Averages			306	525	7.82	221	0	67	3.3	37.2	10.7	0.38	0.08	8.9	37	269	0	137		0.1	2.28

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langelier	NO3	F
02	Treated	04/16/12	298	531	8.02	217	0	73	3.9	38.5	11.4	0.05	0.20	10.8	40	265	0	143	+0.44	0.1	2.35
02	Treated	06/24/15	297	524	7.87	220	0	69	3.5	31.3	10.3	0.15	0.03	11.4	38	269	0	121	+0.21	0.0	2.21
Averages			298	528	7.95	219	0	71	3.7	34.9	10.9	0.10	0.12	11.1	39	267	0	132		0.1	2.28