

Common Test Results For Wonderland Homes (EPA ID: 0421)

Sampler- Mr Brandon Powles Work Phone-
 Title- Water Operator
 Address- PO Box 9141
 Rapid City SD 57709-9141

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

Population Served- 750 Service Connections- 258

Sources for Wonderland Homes

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
02	TREAT SITE - #2				Emergency	Treatment Plant	Non-Vulnerable	No Treatment
04	#1	1975	800	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
05	#2	1982	800	8	Emergency	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
04	Raw	06/08/10	228	485	7.92	243	0	5	1.6	56.1	22.7	0.05	0.01	4.3	10	297	0	234	+0.55	0.5	4.99

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	Treated	03/21/95	222	460	7.52	244	0	5	2.0	75.0	24.0	0.05	0.03	5.0	8	298	0	286	+0.35	0.3	2.00
01	Treated	04/13/98	224	480	7.60	241	0	2	1.6	71.0	21.3	0.05	0.03	2.0	5	294	0	190	+0.08	0.3	1.70
01	Treated	03/29/04	241	475	7.68	240	0	3	1.5	55.6	23.7	0.07	0.01	4.5	18	293	0	236	+0.30	0.5	3.25
01	Treated	04/25/07	247	487	7.77	250	0	3	1.7	52.2	24.1	0.75	0.02	3.3	10	305	0	230	+0.38	0.5	1.20
01	Treated	06/04/13	267	472	7.57	252	0	5	2.0	63.0	25.0	0.00	0.00	6.0	9	307	0	260	+0.36	0.5	1.90
01	Treated	09/24/15	249	474	7.84	252	0	3	1.6	61.6	25.2	0.00	0.00	1.5	0	308	0	257	+0.53	0.0	0.40
01	Treated	04/17/19	259	480	7.89	245	0	4	1.4	63.5	23.2	0.00	0.00	3.2	0	299	0	254	+0.58	0.7	1.29
Averages			244	475	7.70	246	0	4	1.7	63.1	23.8	0.13	0.01	3.6	7	301	0	245		0.4	1.68