

**EPA ID#: 0273 System Name: Edelweiss Mountain Improvement Assoc**

Sampler- Mr Ed Striebel Work Phone-(605)787-5653  
Title- Clearwater Consultin  
Address- 7005 Timberline Road  
Black Hawk SD 57718

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

Population Served- 172 Service Connections- 70

**Sources for Edelweiss Mountain Improvement Assoc**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1 (ALPINE DRIVE)	1976	203	6	Permanent	Groundwater	Vulnerable	Treatment At Plant
02	#2 (MAIN GATE)	1977	417	6	Permanent	Groundwater	Vulnerable	Treatment At Plant
03	ENTRY PT FOR 3 WELLS				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
04	#3 (BEAR GULCH)	1994	323	6	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 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
03	Raw	03/23/95	202	350	7.30	136	0	7	1.0	32.0	18.0	0.05	0.03	5.0	30	166	0	154	+0.50	0.3	0.25
03	Raw	10/03/00	276	435	7.22	152	0	8	3.0	44.0	13.0	0.03	0.01	20.0	32	185	1	163	-0.50	0.2	0.20
Averages			239	393	7.26	144	0	8	2.0	38.0	15.5	0.04	0.02	12.5	31	176	1	159		0.2	0.23

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langelier	NO3	F
03	Treated	09/18/97	208	390	7.40	150	0	6	2.0	47.0	15.0	0.05	0.03	10.0	26	183	0	179	-0.20	0.1	0.25
03	Treated	03/25/04	243	426	7.55	164	0	8	1.0	45.9	17.8	0.07	17.80	14.0	36	200	0	188	-0.07	0.5	0.26
03	Treated	02/08/07	228	428	7.73	170	0	9	1.1	50.1	18.3	0.05	0.03	14.0	34	207	0	200	+0.16	0.6	0.30
03	Treated	06/18/13	212	425	7.44	133	0	11	1.2	55.1	14.5	0.05	0.11	37.0	26	163	0	197	+0.20	0.5	0.15
Averages			223	417	7.53	154	0	9	1.3	49.5	16.4	0.05	4.49	18.8	30	188	0	191		0.4	0.24