

EPA ID#: 2169 System Name: Mountain Plains 2 Homeowners Assoc

Sampler- Mr Mike Kyte Work Phone-(605)645-1276
Title- Contract Operator
Address- 1221 N Main Street
Spearfish SD 57783

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

Population Served- 268 Service Connections- 107

Sources for Mountain Plains 2 Homeowners Assoc

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1981	1140	5	Emergency	Groundwater	Non-Vulnerable	No Treatment
02	TREAT SITE - #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
03	TREAT SITE - #3				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
10	#2	1991	870	7	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
11	#3	1995	965	6	Permanent	Groundwater	Non-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
01	Raw	03/25/96	260	460	7.63	240	0	1	1.0	62.0	23.0	0.05	0.03	1.0	13	293	0	250	+0.36	0.2	0.20
02	Raw	03/25/96	290	480	7.94	200	0	11	1.0	49.0	21.0	0.05	0.03	4.0	55	244	0	209	+0.48	0.8	0.20
02	Raw	02/17/99	236	472	7.67	258	0	1	1.0	76.0	16.0	0.02	0.01	1.0	4	315	1	254	+0.56	0.2	0.10
01	Raw	05/29/02	273	498	7.72	263	0	1	3.5	74.0	17.9	0.05	0.05	1.5	10	321	0	15	+0.51	0.1	0.12
02	Raw	09/20/04	226	416	7.94	212	0	4	0.8	45.2	22.8	0.05	0.01	4.3	10	258	0	207	+0.42	0.2	0.21
03	Raw	09/20/04	269	482	7.83	260	0	1	0.7	69.6	17.6	0.05	0.01	0.5	10	317	0	246	+0.58	0.2	0.12
03	Raw	05/13/08	266	501	7.82	264	0	1	0.6	67.7	17.4	0.05	0.01	1.3	10	322	0	241	+0.57	0.1	0.11
02	Raw	05/13/08	230	436	8.03	200	0	6	0.8	43.5	22.0	0.14	0.01	6.5	15	244	0	199	+0.47	0.1	0.25
Averages			256	468	7.82	237	0	3	1.2	60.9	19.7	0.06	0.02	2.5	16	289	0	203		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
02	Treated	10/20/10	236	434	7.91	212	0	5	1.0	50.4	21.4	0.03	0.03	4.0	17	259	0	214	+0.46	0.2	0.25
03	Treated	10/20/10	286	508	7.55	271	0	1	1.0	81.3	18.5	0.03	0.03	3.0	10	331	0	279	+0.39	0.2	0.14
02	Treated	09/25/13	205	431	8.21	212	0	6	0.9	52.6	22.9	0.00	0.00	7.0	11	258	0	225	+0.75	0.1	0.20
03	Treated	09/25/13	251	516	7.77	268	0	4	0.9	78.9	17.8	0.00	0.00	4.7	10	327	0	271	+0.59	0.2	0.10
02	Treated	05/16/17	250	442	8.14	216	0	6	1.1	50.0	23.9	0.00	0.00	6.0	13	264	0	223	+0.69	0.2	0.23
03	Treated	05/16/17	292	523	7.60	272	0	2	1.0	77.6	17.5	0.00	0.00	0.0	0	332	0	266	+0.42	0.0	0.13
Averages			253	476	7.86	242	0	4	1.0	65.1	20.3	0.01	0.01	4.1	10	295	0	246		0.2	0.18