

**EPA ID#: 0059 System Name: City of DeSmet**

Sampler- Mr Randy Asleson Work Phone-(605)854-3731  
 Title- Utilities Manager  
 Address- 108 3rd St SW  
 Desmet SD 57231

Location- City: Desmet County: Kingsbury  
 Service Area- Municipality  
 PWS Owner Type- Local Government  
 Water Supply Type- Groundwater Supply

Population Served- 1,089 Service Connections- 645

**Sources for DeSmet**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #7				Emergency	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
03	TREAT SITE - #8				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Corrosion Control - Phosphates Fluoridation - H2SiF6
05	#6	1968	95	18	Emergency	Groundwater	Non-Vulnerable	No Treatment
06	#8	1982	54	18	Permanent	Groundwater	Vulnerable	Treatment At Plant
07	#7-NORTH	1958	42	18	Emergency	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
03	Treated	11/17/93	521	742	7.74	252	0	12	4.3	101.0	37.4	1.48	0.47	11.1	171	307	0	406	+0.67	0.3	0.68
02	Treated	02/05/96	538	763	7.62	282	0	11	4.7	110.2	37.5	1.28	0.49	7.0	150	344	0	429	+0.24	0.3	0.62
03	Treated	03/10/99	529	743	7.39	286	0	11	4.1	97.5	35.3	1.22	0.50	6.2	136	349	0	389	+0.28	0.3	1.25
03	Treated	06/19/02	519	809	7.35	284	0	12	4.3	101.0	37.1	1.24	0.49	8.0	142	364	0	405	+0.25	0.3	1.09
03	Treated	06/27/05	544	820	7.31	293	0	11	4.3	107.0	36.8	1.39	0.52	12.0	138	357	0	419	+0.25	0.3	0.61
03	Treated	04/01/08	563	823	7.56	295	0	14	4.2	113.0	36.3	1.38	0.52	10.0	165	360	0	432	+0.52	0.4	1.21
03	Treated	03/30/11	525	8078	0.00	289	0	14	4.6	102.0	37.3	1.22	0.38	8.0	144	352	0	408	+0.44	0.6	1.21
03	Treated	05/04/17	649	926	7.66	291	0	16	5.0	121.0	48.4	1.64	0.63	9.0	219	355	0	501	+0.62	0.5	1.43
<b>Averages</b>			549	1713	6.58	284	0	13	4.4	106.6	38.3	1.36	0.50	8.9	158	349	0	424		0.4	1.01