

EPA ID#: 0214 System Name: City of Mitchell

Sampler- Mr Richard Pollreisz Work Phone-(605)995-8449
 Title- Water Superintendent
 Address- 2800 N Main Street
 Mitchell SD 57301

Location- City: Mitchell County: Davison
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Purchased Surface Water Supply

Population Served- 15,539 Service Connections- 5,700

Sources for Mitchell

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	LAKE MITCHELL	1927	0000	0000	Emergency	Surface Water	Vulnerable	Treatment At Plant
06	TREATMENT PLANT				Emergency	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Alum Lime Polymers Disinfection - Gas Chlorine Chlorine Dioxide Filtration - Mixed Media Corrosion Control - Phosphates Mixing Device Ammoniation - Ammonia Gas Recarbonation Sedimentation Fluoridation - H2SiF6
07	B-Y RWS	2003			Permanent	Purchased Surface	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only

EPA ID#: 0214 System Name: City of Mitchell

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
01	Raw	01/19/95	983	1242	7.75	231	0	99	18.1	124.7	59.4	0.34	2.29	41.0	508	281	0	556	+0.58	0.1	0.26
01	Raw	11/05/97	946	1280	8.24	204	0	101	18.7	110.0	59.9	0.20	0.25	29.0	488	232	8	521	+0.96	0.3	0.28
06	Raw	08/23/00	993	1300	8.54	235	11	96	20.5	101.0	60.9	0.21	0.55	27.0	456	260	13	503	+1.28	0.1	0.26
06	Raw	10/21/03	1131	1510	8.42	223	21	115	19.9	118.0	74.0	0.15	0.25	43.0	562	221	25	599	+1.19	0.1	0.30
Averages			1013	1333	8.24	223	8	103	19.3	113.4	63.6	0.23	0.84	35.0	504	249	12	545		0.2	0.28

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langelier	NO3	F
01	Treated	01/19/95	775	1145	8.09	50	0	101	18.0	72.4	43.6	0.03	0.02	42.0	496	61	0	360	+0.05	0.1	1.36
01	Treated	11/05/97	820	1220	9.18	62	15	104	18.8	66.4	48.9	0.05	0.06	33.0	487	39	18	367	+1.19	0.2	1.06
06	Treated	08/23/00	794	1070	9.47	39	13	97	20.5	99.6	18.4	0.02	0.02	31.0	452	16	16	324	+1.45	0.3	1.26
06	Treated	10/21/03	1004	1320	8.05	51	0	114	19.5	88.6	53.0	0.03	0.02	45.0	566	62	0	439	+0.07	0.4	1.28
Averages			848	1189	8.70	51	7	104	19.2	81.8	41.0	0.03	0.03	37.8	500	45	9	373		0.3	1.24