

EPA ID#: 0221 System Name: City of Murdo

Sampler- Mr Ray Erikson Work Phone-(605)669-2272
 Title- Utilities Manager
 Address- PO Box 432
 Murdo SD 57559-0432

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

Population Served- 488 Service Connections- 359

Sources for Murdo

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	LAKE MURDO	0000	0000	0000		Surface Water	Vulnerable	Treatment At Plant
02	TREAT SITE-WEST WELL					Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Alum Soda Ash Disinfection - Gas Chlorine Filtration - Mixed Media Mixing Device Sedimentation Fluoridation - H2SiF6
06	TREATMENT PLANT					Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Alum Polymers Disinfection - Gas Chlorine Filtration - Mixed Media Corrosion Control - Caustic Soda Mixing Device Fluoridation - H2SiF6
07	WEST WELL	1976	2400	6		Groundwater	Non-Vulnerable	Treatment At Plant
08	WR/LJ-MNI WICONI	2003			Permanent	Purchased Surface	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only

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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	08/30/94	1887	2354	8.06	160	0	304	18.2	151.2	102.6	0.10	0.06	54.0	1198	195	0	800	+0.72	0.1	0.00
02	Raw	06/10/80	979	1290	7.91	102	0	92	14.9	118.0	38.1	0.35	0.06	28.5	500	124	0	451	+0.14	0.1	0.81
01	Raw	09/23/97	1168	1650	8.12	145	0	167	11.4	107.0	65.7	0.15	0.22	18.0	731	177	0	538	+0.66	0.1	0.28
06	Raw	07/12/00	2706	3040	7.78	172	0	363	18.3	162.0	141.0	0.15	1.24	37.0	1580	210	0	985	+0.45	0.1	0.36
Averages			1685	2084	7.97	145	0	231	15.7	134.6	86.9	0.19	0.40	34.4	1002	177	0	694		0.1	0.36

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	08/30/94	1897	2544	7.93	156	0	296	18.2	147.5	101.1	0.10	0.11	62.0	1130	290	0	784	+0.57	0.1	0.00
02	Treated	06/10/80	980	1321	7.21	100	0	93	14.8	120.0	37.8	0.20	0.06	31.2	510	122	0	455	-0.56	0.1	0.93
01	Treated	09/23/97	1202	1700	7.72	142	0	174	11.3	103.0	64.9	0.06	0.02	26.0	748	173	0	524	+0.23	0.1	1.16
06	Treated	07/12/00	2717	3080	7.32	150	0	369	16.6	156.0	146.0	0.26	1.30	50.0	1600	183	0	990	-0.09	0.1	1.22
06	Treated	06/19/02	2774	3280	7.46	163	0	399	19.8	155.0	150.0	0.03	0.05	50.0	1660	199	0	1000	+0.08	0.1	1.26
Averages			1914	2385	7.53	142	0	266	16.1	136.3	100.0	0.13	0.31	43.8	1130	193	0	751		0.1	0.91