

EPA ID#: 0181 System Name: City of Kadoka

Sampler- Mr Nathan Riggins Work Phone-(605)837-2140
Title- Utilities Manager
Address- PO Box 58
Kadoka SD 57543-0058

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

Population Served- 654 Service Connections- 411

Sources for Kadoka

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1951	2800	4		Groundwater	Non-Vulnerable	Treatment At Plant
02	#2	1965	2800	6	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
03	TREATMENT PLANT					Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Filtration - Gravity
04	#3	1992	2800	7	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
09	WR/LJ-MNI WICONI	2007			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	09/15/92	1722	2553	7.00	248	0	554	9.2	42.2	8.0	2.89	0.12	99.6	950	303	0	138	-0.88	0.1	1.56
02	Raw	10/18/94	1660	2500	7.75	171	0	535	14.0	42.0	8.0	0.37	0.03	87.0	913	209	0	138	+0.10	0.1	1.05
03	Raw	02/01/00	0	0	0.00	0	0	0	0.0	0.0	0.0	0.70	0.08	0.0	0	0	0	0	0.00	0.0	0.00
03	Raw	09/17/02	0	0	0.00	0	0	0	0.0	0.0	0.0	0.03	0.02	0.0	0	0	0	0	0.00	0.0	0.00
Averages			846	1263	3.69	105	0	272	5.8	21.1	4.0	1.00	0.06	46.7	466	128	0	69		0.1	0.65

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	09/15/92	1731	0	0.00	0	0	0	0.0	0.0	0.0	0.05	0.02	0.0	0	0	0	120	+0.00	0.0	0.00
02	Treated	10/18/94	0	0	0.00	0	0	0	0.0	0.0	0.0	0.05	0.03	0.0	0	0	0	0	+0.00	0.0	0.00
02	Treated	05/29/97	1795	2680	8.02	171	0	544	12.0	39.6	8.5	0.06	0.02	0.1	962	209	0	134	+0.13	0.1	1.10
03	Treated	02/01/00	1720	2540	8.21	184	0	480	10.0	35.0	7.0	0.03	0.01	94.0	1100	224	0	116	+0.39	0.1	1.30
03	Treated	09/17/02	1816	2620	7.74	170	0	487	12.6	54.4	11.0	1.24	0.12	80.0	986	207	0	181	-0.01	0.3	1.15
03	Treated	11/03/05	1809	2560	8.03	173	0	527	13.6	41.9	8.7	0.07	0.02	85.0	938	211	0	140	+0.17	0.1	1.14
Averages			1479	1733	5.33	116	0	340	8.0	28.5	5.9	0.25	0.04	43.2	664	142	0	115		0.1	0.78