

EPA ID#: 0999 System Name: TM Rural Water District

Sampler- Mr Jay Jorgensen Work Phone-(605)297-3334
 Title- System Manager
 Address- PO Box 445
 Parker SD 57053-0445

Location- City: Parker County: McCook, Turner
 Service Area- Other residential areas
 PWS Owner Type- Private Ownership
 Water Supply Type- Groundwater Supply

Population Served- 3,825 Service Connections- 1,539

Sources for TM Rural Water District

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1984	155	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
02	#2	1984	155	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
03	#3	1989	187	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
04	#4	1992	368	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
05	TREATMENT PLANT				Emergency	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Soda Ash Disinfection - Gas Chlorine Filtration - Rapid Sand Corrosion Control - Phosphates Ammoniation - Ammonium Sulfate Recarbonation Sedimentation Fluoridation - H2SiF6
06	B-Y RWS	1996			Emergency	Purchased Surface	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
15	NEW WATER TREATMENT PLANT	2007			Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Lime Disinfection - Hypochlorites Filtration - Mixed Media Mixing Device Recarbonation Fluoridation - H2SiF6
16	#5	2007	392	12	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
17	#7	2007	392	12	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	12/31/90	797	1206	7.68	383	0	221	10.1	39.4	12.5	1.89	0.12	25.8	232	467	0	150	-0.03	0.1	0.43
05	Raw	06/20/95	664	918	7.60	385	0	192	8.9	25.6	8.8	1.10	0.03	77.0	30	470	0	100	+0.01	0.2	0.56
02	Raw	12/31/90	541	874	7.65	453	0	182	8.8	23.0	7.5	5.26	0.07	28.8	10	553	0	88	-0.20	0.1	0.46
03	Raw	12/31/90	640	1012	7.75	428	0	200	9.5	31.0	9.5	1.30	0.03	26.8	100	522	0	116	0.00	0.3	0.44
05	Raw	03/14/01	638	1050	6.66	226	0	187	8.3	29.3	10.1	0.82	0.02	190.0	68	276	0	115	-1.10	0.1	0.67
05	Raw	03/18/04	694	1070	7.84	431	0	202	8.5	35.7	11.3	1.28	0.04	22.0	117	526	0	136	+0.44	0.1	0.45
15	Raw	10/05/09	923	1410	7.87	358	0	196	9.8	75.3	25.7	2.66	0.33	17.0	381	437	0	294	+0.68	0.2	0.45
15	Raw	01/16/13	0	0	0.00	0	0	0	0.0	0.0	0.0	4.21	0.81	0.0	381	0	0	0	+0.00	0.0	0.00
Averages			612	943	6.63	333	0	173	8.0	32.4	10.7	2.32	0.18	48.4	165	406	0	125		0.1	0.43

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
05	Treated	06/20/95	727	918	7.83	397	0	199	9.2	26.8	9.9	0.25	0.02	62.3	64	484	0	108	+0.26	0.1	1.57
05	Treated	02/11/98	554	918	7.78	339	0	163	7.4	27.5	9.8	0.26	0.02	37.0	73	414	0	109	+0.19	0.1	0.00
05	Treated	03/14/01	570	923	7.87	279	0	158	7.6	29.8	11.6	0.18	0.02	35.0	136	340	0	122	+0.22	0.1	1.16
05	Treated	03/18/04	566	874	7.62	280	0	152	7.3	30.4	11.7	0.05	0.02	35.0	137	342	0	124	-0.02	1.3	1.28
15	Treated	10/05/09	675	1080	8.53	89	0	165	10.4	20.9	18.0	0.03	0.02	22.0	386	108	0	126	+0.21	0.2	1.00
15	Treated	01/16/13	657	999	8.68	76	3	141	11.9	32.0	18.0	0.03	0.02	20.0	364	85	4	154	+0.48	0.2	1.05
Averages			625	952	8.05	243	1	163	9.0	27.9	13.2	0.13	0.02	35.2	193	296	1	124		0.3	1.01