

EPA ID#: 0112 System Name: Tri-County Rural Water System

Sampler- Mr Leo Fischer Work Phone-(605)964-7766
 Title- Operations Manager
 Address- PO Box 490
 Eagle Butte SD 57625-0490

Location- City: Eagle Butte County: Dewey, Meade, Ziebach
 Service Area- Other residential areas
 PWS Owner Type- Private Ownership
 Water Supply Type- Surface Water Supply

Population Served- 2,880 Service Connections- 1,300

Sources for Tri-County Rural Water System

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	MISSOURI RIVER	1980			Emergency	Surface Water	Vulnerable	Treatment At Plant
17	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Alum Polymers Disinfection - Gas Chlorine Filtration - Mixed Media Mixing Device Ammoniation - Ammonia Gas Sedimentation Fluoridation - H2SiF6
38	MISSOURI RIVER-NEW INTAKE	2007			Permanent	Surface Water	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	03/01/95	457	660	8.27	157	0	71	5.0	52.7	20.2	0.01	0.02	5.8	196	192	0	215	+0.65	0.1	0.43
01	Raw	06/26/98	571	845	8.44	150	1	77	5.3	59.6	24.3	0.12	0.03	14.0	271	181	1	249	+0.82	0.1	0.45
17	Raw	04/27/01	537	821	8.18	158	0	77	4.8	59.4	24.6	0.02	0.02	12.0	249	193	0	250	+0.59	0.2	0.47
17	Raw	06/29/04	509	767	8.42	154	2	74	5.5	58.7	22.6	0.19	0.02	14.0	223	183	2	240	+0.82	0.1	0.56
17	Raw	05/18/10	432	691	8.26	158	0	63	5.4	52.3	19.3	0.04	0.04	10.0	184	193	0	210	+0.64	0.2	0.46
17	Raw	06/24/13	544	838	8.19	176	0	80	4.6	60.7	26.8	0.00	0.04	10.0	245	215	0	262	+0.66	0.0	0.53
Averages			508	770	8.29	159	1	74	5.1	57.2	23.0	0.06	0.03	11.0	228	193	1	238		0.1	0.48

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	03/01/95	451	660	7.80	155	0	71	4.9	54.9	20.7	0.01	0.02	7.2	191	189	0	222	+0.19	0.1	1.29
01	Treated	06/28/98	545	826	7.35	135	0	73	5.0	57.5	23.9	0.06	0.02	23.0	253	165	0	242	-0.32	0.2	1.24
17	Treated	04/27/01	568	846	7.56	146	0	80	5.0	62.2	25.6	0.02	0.02	22.0	264	178	0	261	-0.05	0.2	1.43
17	Treated	06/29/04	602	898	7.86	141	0	87	6.2	65.6	25.4	0.03	0.02	28.0	280	172	0	268	+0.25	0.2	1.24
17	Treated	05/18/10	429	691	7.81	144	0	64	5.6	51.6	20.0	0.03	0.04	11.0	195	176	0	211	+0.22	0.2	1.22
17	Treated	06/24/13	543	60	7.72	163	0	81	4.6	60.2	26.6	0.00	0.00	18.0	246	199	0	260	+0.15	0.0	1.21
Averages			523	664	7.68	147	0	76	5.2	58.7	23.7	0.03	0.02	18.2	238	180	0	244		0.2	1.27