

EPA ID#: 0433 System Name: Randall Community Water District

Sampler- Mr Scott Pick Work Phone-(605)487-7823
 Title- Manager
 Address- PO Box 37 455 Main Street
 Lake Andes SD 57357-0037

Location- City: Lake Andes County: Charles Mix
 Service Area- Other residential areas
 PWS Owner Type- Private Ownership
 Water Supply Type- Surface Water Supply

Population Served- 4,238 Service Connections- 1,695

Sources for Randall Community Water District

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	MISSOURI RIVER-PICKSTOWN	1977	0000	0000	Permanent	Surface Water	Vulnerable	Treatment At Plant
12	PICKSTOWN WTP				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Mixed Media Corrosion Control - Mixing Device Ammoniation - Ammonia Gas Fluoridation - H2SiF6
15	MISSOURI RIVER-PLATTE				Permanent	Surface Water	Vulnerable	Treatment At Plant
22	PLATTE WTP				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Corrosion Control - Mixing Device Ammoniation - Ammonia Gas Sedimentation Fluoridation - H2SiF6

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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	10/17/89	521	798	8.37	153	0	87	6.1	55.9	24.0	0.40	0.07	19.9	234	187	0	238	+0.48	0.1	0.53
01	Raw	06/25/97	573	775	8.27	151	0	83	6.4	66.1	24.0	0.19	0.04	13.0	295	183	1	264	+0.70	0.2	0.43
12	Raw	06/26/00	577	805	8.40	161	2	83	5.4	64.4	24.0	0.49	0.08	11.7	242	192	2	260	+0.85	0.2	0.48
12	Raw	06/04/03	480	733	8.03	178	0	72	4.6	60.9	23.2	0.36	0.06	13.0	202	217	0	248	+0.52	0.1	0.52
22	Raw	06/04/03	494	771	8.31	177	2	76	4.9	61.1	23.2	0.28	0.06	13.0	212	211	2	248	+0.79	0.1	0.52
12	Raw	06/02/09	489	754	8.34	159	1	68	5.2	58.5	21.1	0.17	0.06	13.0	209	192	1	233	+0.76	0.2	0.57
22	Raw	06/02/09	489	750	8.25	158	0	69	5.3	58.2	19.7	0.24	0.15	13.0	209	193	0	226	+0.66	0.2	0.55
15	Raw	06/27/12	571	842	8.35	170	2	85	6.3	60.5	26.2	0.88	0.25	12.0	245	202	2	259	+0.79	0.2	0.43
12	Raw	06/27/12	557	848	8.30	164	2	85	6.1	58.4	25.5	0.18	0.19	11.0	246	195	2	251	+0.72	0.2	0.42
Averages			528	786	8.29	163	1	79	5.6	60.4	23.4	0.35	0.11	13.3	233	197	1	247		0.2	0.49

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	05/10/94	478	749	7.78	136	0	71	5.1	60.2	22.0	0.10	0.02	17.0	230	166	0	241	+0.07	0.1	1.18
01	Treated	06/25/97	571	759	7.68	139	0	84	6.4	66.5	24.3	0.06	0.02	18.0	283	170	0	266	+0.08	0.2	1.18
12	Treated	06/26/00	581	846	7.78	147	0	83	5.4	66.0	23.8	0.02	0.02	22.0	247	179	0	263	+0.20	0.2	1.14
12	Treated	06/04/03	480	747	7.71	168	0	72	4.6	58.4	23.2	0.03	0.02	15.0	206	205	0	241	+0.15	0.1	1.22
22	Treated	06/04/03	492	778	7.69	163	0	77	4.8	60.6	22.8	0.03	0.02	17.0	215	199	0	245	+0.14	0.1	1.48
22	Treated	05/18/06	475	740	7.76	161	0	69	5.2	54.9	20.5	0.03	0.02	17.0	202	196	0	221	+0.16	0.1	1.19
12	Treated	05/18/06	468	730	7.71	159	0	68	5.0	54.5	20.7	0.03	0.02	19.0	204	194	0	221	+0.10	0.1	1.04
12	Treated	06/02/09	488	768	7.96	152	0	70	5.2	58.4	21.7	0.05	0.04	16.0	208	185	0	235	+0.36	0.2	1.25
22	Treated	06/02/09	484	736	7.99	149	0	69	5.3	58.0	19.7	0.03	0.04	16.0	209	182	0	226	+0.38	0.2	1.03
15	Treated	06/27/12	564	852	7.99	156	0	85	6.0	58.4	26.1	0.03	0.02	15.0	247	190	0	253	+0.38	0.2	1.19
12	Treated	06/27/12	561	841	7.92	157	0	90	6.2	59.1	26.6	0.07	0.16	17.0	240	192	0	257	+0.32	0.2	1.23
12	Treated	06/16/15	615	918	7.99	170	0	94	6.1	63.8	28.9	0.00	0.02	17.0	269	207	0	278	+0.45	0.0	1.11
22	Treated	06/16/15	603	923	8.03	170	0	97	6.3	62.3	25.7	0.00	0.02	14.0	258	207	0	261	+0.48	0.0	1.10
Averages			528	799	7.85	156	0	79	5.5	60.1	23.5	0.04	0.03	16.9	232	190	0	247		0.1	1.18