

**EPA ID#: 0865 System Name: Bon Homme-Yankton RWS**

Sampler- Mr Robert Sternhagen      Work Phone-(605)463-2531  
 Title- Operations Manager  
 Address- PO Box 248  
           Tabor SD 57063-0248

Location-                      City: Tabor      County: Bon Homme, Codington, Douglas, Hanson, Hutchinson, Hyde, McCook, Turner, Yankton  
 Service Area- Other residential areas  
 PWS Owner Type- Private Ownership  
 Water Supply Type- Surface Water Supply

Population Served- 11,862      Service Connections- 4,745

**Sources for Bon Homme-Yankton RWS**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	MISSOURI RIVER-1	1979	0000	0000	Permanent	Surface Water	Vulnerable	Treatment At Plant
12	MISSOURI RIVER-2	2002			Permanent	Surface Water	Non-Vulnerable	Treatment At Plant
13	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Coagulation, Softening - Lime Polymers NaAlO3 Disinfection - Gas Chlorine Filtration - Mixed Media Corrosion Control - Phosphates Mixing Device Ammoniation - Ammonia Gas Recarbonation Sedimentation Fluoridation - Na2SiF6

# EPA ID#: 0865 System Name: Bon Homme-Yankton RWS

## 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	07/18/95	518	818	7.96	158	0	78	7.5	63.4	23.1	0.62	0.20	21.0	266	193	0	253	+0.40	0.0	0.54
01	Raw	04/08/98	475	718	8.30	157	0	55	6.5	60.4	20.9	1.04	0.08	12.0	190	192	0	236	+0.73	0.4	0.47
13	Raw	06/26/01	543	852	8.19	165	0	73	6.8	63.5	23.5	1.24	0.11	12.0	244	201	0	255	+0.65	0.2	0.44
13	Raw	04/25/07	477	738	8.35	170	1	67	6.6	57.6	22.8	0.34	0.07	13.0	193	205	1	238	+0.79	0.1	0.58
13	Raw	06/04/10	465	688	8.23	155	0	61	6.8	65.6	18.1	0.45	0.11	9.0	208	189	0	238	+0.69	0.2	0.41
Averages			496	763	8.21	161	0	67	6.8	62.1	21.7	0.74	0.11	13.4	220	196	0	244		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	07/18/95	407	600	7.79	30	0	79	7.3	26.2	15.1	0.02	0.02	14.3	264	37	0	128	-0.84	0.0	0.87
01	Treated	04/08/98	379	599	8.31	41	0	60	6.2	22.7	18.3	0.06	0.02	14.0	201	50	0	132	-0.25	0.3	1.31
13	Treated	06/26/01	428	678	9.57	44	16	73	6.9	40.4	9.1	0.02	0.02	15.0	232	15	19	138	+1.28	0.1	1.15
13	Treated	06/16/04	358	551	8.63	64	2	69	5.8	24.0	16.2	0.03	0.02	14.0	186	73	2	127	+0.30	0.1	1.23
13	Treated	04/25/07	345	542	8.89	47	4	64	7.0	23.1	13.3	0.03	0.02	15.0	180	48	5	112	+0.41	0.2	1.25
13	Treated	06/04/10	396	598	8.98	55	7	63	7.0	38.0	11.9	0.03	0.02	14.0	215	50	8	144	+0.77	0.2	1.23
13	Treated	05/14/13	419	634	9.07	66	6	77	5.8	33.2	14.0	0.03	0.02	14.0	223	66	7	141	+0.88	0.2	1.14
Averages			390	600	8.75	50	5	69	6.6	29.7	14.0	0.03	0.02	14.3	214	48	6	132		0.2	1.17