

EPA ID#: 0368 System Name: City of Whitewood

Sampler- Mr David Werlinger Work Phone-(605)269-2247
 Title- Water Superintendent
 Address- 1025 Meade Street
 Whitewood SD 57793-3053

Location- City: Whitewood County: Lawrence
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Groundwater Supply

Population Served- 927 Service Connections- 496

Sources for Whitewood

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#2-EAST	1962	680	8		Groundwater	Vulnerable	Treatment At Plant
02	#1-WEST	1960	117	6		Groundwater	Vulnerable	No Treatment
03	TREAT SITE - SPRINGS					Treatment Plant	Non-Vulnerable	Coagulation, Softening - Disinfection - Gas Chlorine Fluoridation - NaF Crystals
04	TREAT PLT #2 #3					Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6
05	TREAT SITE - #3				Emergency	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
09	#3	1995	1024	10	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
10	WHITWOOD SPRINGS	1936	0	0		Groundwater	Vulnerable	Treatment At Plant
11	#4	2007	1147	10	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
12	TREAT SITE - #4				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites 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	08/18/94	312	545	7.37	196	0	3	2.0	91.0	24.0	0.05	0.03	18.0	102	239	0	326	+0.17	0.5	0.21
02	Raw	08/18/94	316	560	7.10	226	0	3	5.0	94.0	25.0	0.05	0.03	12.0	90	276	0	338	-0.03	0.2	0.24
05	Raw	10/01/97	408	656	7.57	214	0	8	2.2	85.1	27.6	0.06	0.02	8.0	119	261	0	326	+0.30	1.5	0.22
Averages			345	587	7.35	212	0	5	3.1	90.0	25.5	0.05	0.03	12.7	104	259	0	330		0.7	0.22

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
03	Treated	05/13/66	272	400	8.10	226	0	4	1.2	72.1	12.6	0.00	0.00	2.0	15	275	0	232	-0.13	0.0	0.12
05	Treated	10/01/97	406	652	7.47	209	0	8	2.2	87.1	27.5	0.06	0.02	7.0	120	255	0	331	+0.20	1.6	1.32
05	Treated	05/30/01	414	670	7.34	205	0	9	2.4	85.0	27.4	0.02	0.02	8.0	121	250	0	325	+0.05	1.7	1.21
05	Treated	01/14/04	406	641	7.83	204	0	9	1.9	77.2	26.6	0.07	0.05	7.3	115	249	0	302	+0.52	1.5	1.49
05	Treated	11/21/06	374	625	8.10	201	0	10	2.4	79.0	25.9	0.07	0.01	8.3	106	245	0	304	+0.80	1.5	1.38
12	Treated	09/30/09	457	698	8.01	217	0	12	2.4	78.8	30.6	0.05	0.01	9.0	137	264	0	323	+0.74	1.4	0.66
12	Treated	12/05/12	427	720	7.62	204	0	11	2.6	96.3	30.3	0.09	0.01	8.6	176	248	0	365	+0.41	0.0	0.00
05	Treated	11/18/15	422	695	7.84	218	0	11	2.7	90.7	29.8	0.00	0.00	10.6	138	266	0	349	+0.64	1.1	0.94
Averages			397	638	7.79	211	0	9	2.2	83.3	26.3	0.05	0.02	7.6	116	257	0	316		1.1	0.89