

EPA ID#: 0316 System Name: Walnut Park

Sampler- Mr Frank Karas Work Phone-
Title- Water Manager
Address- 5118 Airport Road
Spearfish SD 57783

Location- City: Spearfish County: Lawrence
Service Area- Trailer Court
PWS Owner Type- Private Ownership
Water Supply Type- Groundwater Supply

Population Served- 180 Service Connections- 72

Sources for Walnut Park

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Emergency	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Filtration - Cartridge Corrosion Control - Phosphates Taste and Order Control
02	TREAT SITE - #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
06	#1	1968	198	4	Emergency	Groundwater	Vulnerable	Treatment At Plant
07	#2	1974	255	6	Permanent	Groundwater	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
03	Raw	12/06/95	388	605	7.65	286	0	5	1.3	95.8	27.6	0.10	0.02	7.0	56	349	0	353	+0.56	1.3	0.28
01	Raw	01/11/94	358	740	7.81	351	0	20	3.0	94.0	34.0	0.05	0.03	18.0	35	428	0	375	+0.88	2.1	0.26
02	Raw	01/11/94	508	845	7.46	290	0	9	2.0	142.0	28.0	0.05	0.03	7.0	210	354	0	470	+0.59	1.1	0.25
06	Raw	06/21/10	282	564	7.65	275	0	10	1.4	69.4	24.1	0.10	0.01	8.5	18	336	0	273	+0.43	1.0	0.23
Averages			384	689	7.64	301	0	11	1.9	100.3	28.4	0.07	0.02	10.1	80	367	0	368		1.4	0.26

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
02	Treated	10/22/97	328	616	7.58	302	0	9	85.0	85.0	36.0	0.03	0.01	10.0	20	0	0	360	+0.44	1.8	0.26
01	Treated	09/06/00	356	636	7.71	288	0	14	1.0	57.0	20.0	0.03	0.01	22.0	16	351	1	225	+0.37	1.1	0.20
02	Treated	09/06/00	316	555	7.61	276	0	10	1.0	54.0	19.0	0.03	0.01	7.0	16	337	1	213	+0.23	1.1	0.20
01	Treated	10/07/03	417	712	7.80	314	0	13	1.5	83.7	33.2	0.05	0.05	33.8	24	383	0	346	+0.72	2.9	0.31
02	Treated	10/07/03	402	709	7.77	312	0	13	1.5	84.7	33.3	0.09	0.05	33.8	22	381	0	349	+0.69	2.9	0.31
02	Treated	09/26/06	429	763	7.33	320	0	16	1.8	91.7	33.4	0.03	0.02	40.0	15	390	0	366	+0.26	2.9	0.29
02	Treated	06/21/10	279	565	7.50	275	0	9	1.4	66.5	24.3	0.05	0.01	8.5	17	335	0	266	+0.26	1.0	0.23
02	Treated	10/03/12	285	606	7.73	281	0	9	1.4	78.9	26.6	0.05	0.01	15.1	15	342	0	306	+0.57	1.4	0.22
02	Treated	04/05/16	268	544	7.70	264	0	9	1.3	71.1	24.2	0.00	0.00	12.4	12	322	0	277	+0.47	0.9	0.22
Averages			342	634	7.64	292	0	11	10.7	74.7	27.8	0.04	0.02	20.3	17	316	0	301		1.8	0.25