

EPA ID#: 0624 System Name: Pine Lake Hills

Sampler- Mr Tom King Work Phone-
Title- Water Manager
Address- 7300 E Pine Lake Drive
Sioux Falls SD 57110

Location- City: Sioux Falls County: Minnehaha
Service Area- Homeowners Association
PWS Owner Type- Private Ownership
Water Supply Type- Groundwater Supply

Population Served- 320 Service Connections- 91

Sources for Pine Lake Hills

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	WEST-1	1973	126	5	Permanent	Groundwater	Vulnerable	Treatment At Plant
02	EAST-2	1977	140	5	Permanent	Groundwater	Vulnerable	Treatment At Plant
03	CENTER-3	1985	260	5	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
04	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Corrosion Control - Phosphates

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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	08/13/91	828	1014	7.29	169	0	14	4.3	120.6	40.8	0.14	0.48	4.3	283	206	0	469	-0.33	0.9	0.38
02	Raw	08/13/91	1012	1336	7.34	171	0	45	9.3	128.9	57.4	0.49	0.18	11.6	454	208	0	558	-0.23	0.7	0.50
03	Raw	08/13/91	683	979	7.30	177	0	10	3.3	85.0	31.7	0.37	0.03	9.5	193	216	0	343	-0.42	0.8	0.38
Averages			841	1110	7.31	172	0	23	5.6	111.5	43.3	0.33	0.23	8.5	310	210	0	457		0.8	0.42

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
04	Treated	08/13/91	832	1087	7.60	334	0	24	4.9	158.5	41.5	1.04	0.69	11.6	282	407	0	567	+0.41	0.7	0.40
04	Treated	04/16/97	870	1092	7.71	331	0	33	6.5	178.0	52.0	1.06	0.66	13.0	333	404	0	658	+0.86	0.1	0.47
04	Treated	04/11/00	705	999	7.50	344	0	14	3.7	152.0	36.7	0.72	0.57	16.2	202	420	0	531	+0.63	0.1	0.40
04	Treated	07/16/02	797	1130	7.21	338	0	21	5.8	172.0	43.8	1.42	0.60	21.0	268	412	0	610	+0.37	0.1	0.40
04	Treated	05/23/06	845	1160	7.34	347	0	29	5.5	176.0	44.2	1.50	0.59	27.0	302	423	0	621	+0.51	0.1	0.41
04	Treated	06/29/09	954	1200	7.27	348	0	79	4.9	174.0	46.8	1.23	0.58	29.0	265	424	0	627	+0.42	0.2	0.41
04	Treated	05/03/12	785	1120	7.11	351	0	18	4.2	184.0	39.3	1.27	0.67	28.0	250	428	0	621	+0.32	0.2	0.38
04	Treated	09/24/14	849	1160	7.28	357	0	21	4.5	183.0	47.9	1.22	0.72	33.0	306	436	0	654	+0.48	0.0	0.41
Averages			830	1119	7.38	344	0	30	5.0	172.2	44.0	1.18	0.64	22.4	276	419	0	611		0.2	0.41