

EPA ID#: 0362 System Name: City of Wessington Springs

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 Title- Utilities Manager
 Address- PO Box 443
 Wessington Springs SD 57382-9008

Location- City: Wessington Springs County: Jerauld
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Groundwater Supply

Population Served- 956 Service Connections- 484

Sources for Wessington Springs

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	SOUTH SPRING	1930	20	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
02	GRAVEL PIT SPRING	1956	20	96	Emergency	Groundwater	Vulnerable	No Treatment
03	NORTH-NEW	1977	40	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
04	EAST-GOLF COURSE	1977	80	12	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
05	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Alum Lime Polymers Disinfection - Gas Chlorine Filtration - Gravity Corrosion Control - Phosphates Mixing Device 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	01/27/93	1025	1378	7.94	375	0	41	10.0	217.0	50.7	0.08	1.57	11.7	461	458	0	750	+0.95	0.1	0.20
05	Raw	01/25/95	1047	1430	7.21	374	0	51	11.5	214.6	51.9	0.11	0.02	35.5	467	456	0	749	+0.47	0.1	0.22
05	Raw	08/12/97	0	0	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	628	0	0	845	0.00	0.0	0.00
05	Raw	06/25/01	1260	1650	7.04	361	0	65	13.8	215.0	53.3	0.08	2.50	16.0	534	440	0	757	+0.26	0.3	0.22
05	Raw	02/17/04	0	0	0.00	0	0	0	0.0	252.0	63.9	0.07	2.39	0.0	0	0	0	892	0.00	0.0	0.00
05	Raw	05/15/07	1358	1680	7.31	357	0	69	13.4	246.0	59.9	0.07	2.55	19.0	644	436	0	861	+0.58	0.4	0.21
05	Raw	10/28/09	1407	1770	7.24	361	0	67	12.4	244.0	64.8	0.05	2.75	19.0	669	440	0	876	+0.50	0.2	0.25
05	Raw	10/09/12	0	0	0.00	0	0	0	0.0	0.0	0.0	0.08	2.76	0.0	0	0	0	955	00.00	0.0	0.00
Averages			762	989	4.59	229	0	37	7.6	173.6	43.1	0.07	1.82	12.7	425	279	0	836		0.1	0.14

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
05	Treated	01/25/95	731	990	7.58	13	0	51	11.6	88.6	41.7	0.02	0.02	16.0	426	16	0	393	-0.96	0.1	1.32
05	Treated	08/12/97	902	1160	9.71	18	0	55	12.2	142.0	32.3	0.30	0.18	17.0	585	21	0	487	+1.48	0.1	1.71
05	Treated	06/25/01	904	1200	7.55	16	0	65	13.0	90.9	49.1	0.02	0.02	18.0	552	20	0	429	-0.91	0.1	1.56
05	Treated	02/17/04	1036	1330	7.74	69	0	64	13.5	141.0	62.4	0.04	0.08	15.0	646	84	0	609	+0.09	0.1	1.42
05	Treated	05/15/07	1009	1260	8.79	12	2	70	13.5	147.0	39.5	0.03	0.02	19.0	668	10	2	530	+0.40	0.2	1.47
05	Treated	10/28/09	1049	1360	7.98	35	0	71	12.5	135.0	58.0	0.03	0.07	21.0	671	43	0	576	+0.01	0.2	1.43
05	Treated	10/09/12	1103	1400	7.25	12	0	77	16.1	142.0	66.2	0.03	0.05	18.0	713	15	0	627	-1.16	0.2	1.55
Averages			962	1243	8.09	25	0	65	13.2	126.6	49.9	0.07	0.06	17.7	609	30	0	522		0.1	1.49