

EPA ID#: 0116 System Name: City of Elk Point

Sampler- Mr Todd Gates Work Phone-(605)356-2631
Title- Utilities Manager
Address- PO Box 280
Elk Point SD 57025-0280

Location- City: Elk Point County: Union
Service Area- Municipality
PWS Owner Type- Local Government
Water Supply Type- Groundwater Supply

Population Served- 1,963 Service Connections- 746

Sources for Elk Point

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	SOUTH	1929	119	16	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
02	NORTH	1965	325	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
03	NEW	1982	386	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
04	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Hypochlorites Filtration - Pressure Sand Corrosion Control - Sedimentation

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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	01/07/91	1315	1638	7.10	160	0	93	19.3	216.0	37.2	1.87	0.08	51.7	698	195	0	692	-0.27	0.3	2.12
02	Raw	01/07/91	1161	1496	7.15	369	0	61	9.7	200.0	53.5	7.88	0.69	30.9	470	450	0	720	+0.12	0.1	0.57
03	Raw	01/07/91	1319	1601	7.17	124	0	95	20.0	236.0	42.9	2.08	0.19	53.8	736	151	0	766	-0.23	0.1	1.84
04	Raw	05/28/09	1292	1710	7.30	156	0	97	20.5	230.0	42.7	2.34	0.12	47.0	754	190	0	750	+0.18	0.2	2.05
03	Raw	11/01/11	1313	1850	7.27	156	0	90	21.1	222.0	42.3	2.63	0.11	49.0	741	190	0	728	+0.14	0.2	1.95
Averages			1280	1659	7.20	193	0	87	18.1	220.8	43.7	3.36	0.24	46.5	680	235	0	731		0.2	1.71

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	01/07/91	1329	1643	7.59	177	0	93	18.4	219.0	40.3	0.22	0.01	52.6	673	216	0	713	+0.28	0.5	1.91
04	Treated	06/08/95	1321	1612	7.61	173	0	96	20.7	222.7	45.0	2.46	0.33	67.0	683	211	0	741	+0.52	0.1	1.93
04	Treated	04/06/01	1328	1680	7.26	154	0	92	22.9	218.0	38.6	0.02	0.03	50.0	717	188	0	703	+0.11	0.1	2.32
04	Treated	02/25/03	1316	1690	7.47	164	0	95	21.7	224.0	40.3	0.03	0.02	61.0	714	200	0	725	+0.36	0.3	2.10
04	Treated	05/28/09	1306	1710	7.66	152	0	99	20.8	233.0	42.7	0.57	0.03	51.0	754	185	0	758	+0.54	0.2	2.05
04	Treated	05/21/15	1317	1700	7.79	155	0	95	21.5	226.0	44.2	0.00	0.00	53.0	706	189	0	746	+0.66	0.0	2.21
Averages			1320	1673	7.56	163	0	95	21.0	223.8	41.9	0.55	0.07	55.8	708	198	0	731		0.2	2.09