

EPA ID#: 0193 System Name: City of Lennox

Sampler- Mr Jeremy Gulbranson Work Phone-(605)647-2286
 Title- Water Superintendent
 Address- 107 S Main
 Lennox SD 57039

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

Population Served- 2,111 Service Connections- 875

Sources for Lennox

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1972	295	8	Emergency	Groundwater	Non-Vulnerable	No Treatment
02	#2	1972	295	8	Emergency	Groundwater	Non-Vulnerable	No Treatment
03	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine Hypochlorites Filtration - Pressure Sand
04	TREAT SITE - #A	1994			Permanent	Treatment Plant	Non-Vulnerable	Coagulation, Softening - Polymers Disinfection - Gas Chlorine
05	TREAT SITE - #B	1993			Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine
06	TREAT SITE - #C	1993			Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Gas Chlorine
09	#A-HILL	1994	624	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
10	#B-GEODSTADT	1993	636	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
11	#C-PEDERSON	1993	576	12	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
12	#D-FOSSOM	2006	520	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
13	#E-PETERSON	2006	600	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
14	#F-ARMIN	2006	600	12	Emergency	Groundwater	Non-Vulnerable	Treatment At Plant
17	LEWIS & CLARK RWS-SIOUX FALLS	2012			Emergency	Purchased Surface	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
18	LEWIS & CLARK RWS-PLANT	2012			Permanent	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only

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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	10/15/90	2265	2484	7.14	416	0	131	13.0	320.0	100.0	3.28	1.34	18.1	1039	508	0	1211	+0.37	0.2	0.23
02	Raw	09/27/88	2043	2295	7.25	434	0	122	9.7	362.0	94.6	4.70	1.20	17.3	1033	529	0	1293	+0.56	0.1	0.24
09	Raw	02/25/04	534	850	7.67	270	0	106	17.1	54.9	17.3	0.55	0.05	15.0	168	329	0	208	+0.28	0.1	1.42
10	Raw	12/13/06	457	772	7.96	280	0	112	17.5	37.2	11.8	0.56	0.04	10.0	103	342	0	141	+0.43	0.1	1.50
11	Raw	12/13/06	582	908	7.67	248	0	86	18.5	74.4	22.9	2.35	0.09	8.0	204	302	0	280	+0.37	0.1	1.18
12	Raw	04/19/10	451	762	8.00	295	0	116	16.3	29.1	9.9	0.28	0.04	9.0	93	360	0	113	+0.39	0.2	1.75
13	Raw	04/19/10	482	798	7.73	265	0	85	21.2	55.3	18.8	0.49	0.04	6.0	148	323	0	215	+0.35	0.2	1.30
14	Raw	04/19/10	502	822	8.34	270	0	112	17.6	42.6	15.3	1.78	0.07	6.0	147	329	0	169	+0.85	0.2	1.42
09	Raw	07/11/12	545	849	7.90	242	0	79	16.4	56.0	23.1	1.57	0.10	9.0	195	295	0	235	+0.47	0.2	1.12
12	Raw	07/11/12	468	739	7.87	281	0	117	15.2	29.0	9.0	0.25	0.06	12.0	93	343	0	109	+0.24	0.2	1.80
13	Raw	07/11/12	309	519	8.71	210	0	92	18.4	8.1	4.3	0.31	0.06	17.0	30	256	0	38	+0.43	0.2	1.78
10	Raw	07/11/12	425	687	8.21	282	1	109	15.0	35.0	11.8	2.91	0.12	12.0	67	342	1	136	+0.67	0.2	1.56
Averages			755	1040	7.87	291	0	106	16.3	92.0	28.2	1.59	0.27	11.6	277	355	0	346		0.2	1.28

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	10/15/90	2097	2331	7.38	388	0	122	11.6	293.0	92.9	0.18	0.85	23.1	961	473	0	1114	+0.47	0.2	1.92
03	Treated	05/26/93	2045	2392	8.03	400	0	126	8.5	367.0	96.7	0.96	0.76	15.0	1176	488	0	1314	+1.69	0.4	0.99
02	Treated	09/27/88	2029	2303	7.46	418	0	126	9.8	359.0	94.8	0.15	0.24	17.3	1057	510	0	1290	+0.75	0.8	1.38
05	Treated	05/10/95	455	763	7.68	277	0	110	15.7	39.9	12.6	1.14	0.05	8.3	111	338	0	151	+0.18	0.1	1.60
03	Treated	01/14/98	517	891	7.85	266	0	105	16.7	46.7	15.3	0.24	0.02	20.0	143	325	0	180	+0.39	0.3	1.48
03	Treated	02/28/01	497	797	7.67	256	0	104	16.7	48.1	13.9	0.16	0.02	16.0	140	312	0	177	+0.21	0.3	1.55
03	Treated	02/25/04	522	840	7.65	267	0	114	16.8	49.7	15.2	0.19	0.04	19.0	148	326	0	187	+0.22	0.5	1.49
Averages			1166	1474	7.67	325	0	115	13.7	171.9	48.8	0.43	0.28	17.0	534	396	0	630		0.4	1.49