

EPA ID#: 0226 System Name: City of North Sioux City

Sampler- Mr Tim Hogan Work Phone-(605)232-9165
 Title- Utilities Manager
 Address- 504 River Drive
 North Sioux City SD 57049

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

Population Served- 2,530 Service Connections- 1,018

Sources for North Sioux City

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1-KUNZE-NORTH-NSC	1968	165	12		Groundwater	Non-Vulnerable	Treatment At Plant
02	#2-NSC	1975	240	0012		Groundwater	Non-Vulnerable	Treatment At Plant
03	TREATMENT PLANT-NSC				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Green Sand Corrosion Control - Sedimentation
04	#3-TOWER WELL-NSC	1993	286	16	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
05	#4-NSC					Groundwater	Non-Vulnerable	No Treatment
08	WATIER WELL-NSC	1998	280	16	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
09	#1-MCCOOK	1967	95	10		Groundwater	Vulnerable	Treatment At Plant
10	#2-MCCOOK	1976	110	10		Groundwater	Vulnerable	Treatment At Plant
11	MCCOOK TR. PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Green Sand Corrosion Control - Sedimentation
13	NEW #2-MCCOOK	2002	290	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
15	CITY HALL WELL-NSC	2006	248	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
17	STREETER WELL-MCCOOK	2014	300	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
18	NEW #1-MCCOOK	2008	290		Permanent	Groundwater	Non-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
04	Raw	10/04/93	845	1210	8.04	412	0	62	10.8	172.0	44.8	1.82	0.26	11.3	327	503	0	614	10.39	0.1	0.91
01	Raw	07/09/91	841	1196	7.37	298	0	54	10.2	103.3	42.3	3.89	0.37	12.0	230	364	0	432	-0.03	0.7	1.00
02	Raw	10/04/93	816	1242	8.21	392	0	55	10.0	166.0	43.2	3.15	0.42	19.0	288	478	0	592	+1.53	0.1	0.87
03	Raw	12/09/98	837	1210	7.23	421	0	57	10.2	154.0	42.6	4.00	0.33	11.0	259	514	0	560	+0.30	0.1	0.85
13	Raw	08/15/07	926	1240	7.37	303	0	68	13.6	167.0	42.9	1.63	0.16	17.0	423	370	0	594	+0.45	0.1	1.31
03	Raw	06/29/11	768	1160	7.82	420	0	53	8.4	143.0	45.0	2.99	0.26	13.0	230	512	0	542	+1.00	0.2	1.12
Averages			839	1210	7.67	374	0	58	10.5	150.9	43.5	2.91	0.30	13.9	293	457	0	556		0.2	1.01

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	10/04/93	810	1188	8.19	388	0	55	10.4	164.0	42.7	0.02	0.28	21.7	289	473	0	585	+1.50	0.1	0.92
03	Treated	12/09/98	837	1220	7.53	412	0	57	10.7	155.0	43.0	0.06	0.02	17.0	253	503	0	564	+0.72	0.1	0.84
03	Treated	08/15/07	762	1090	7.60	424	0	52	10.0	155.0	43.2	0.03	0.02	15.0	221	517	0	564	+0.82	0.1	0.68
03	Treated	06/29/11	763	1140	7.98	410	0	51	8.5	143.0	44.7	0.03	0.02	16.0	226	500	0	541	+1.15	0.2	0.70
03	Treated	03/11/14	763	1100	7.85	387	0	51	8.4	139.0	38.5	0.00	0.05	17.0	213	472	0	506	+0.98	0.0	0.71
11	Treated	03/11/14	1018	1370	7.61	286	0	69	13.1	175.0	51.1	0.03	0.07	21.0	473	349	0	647	+0.67	0.0	1.58
Averages			826	1185	7.79	385	0	56	10.2	155.2	43.9	0.03	0.08	18.0	279	469	0	568		0.1	0.91