EPA ID#: 0199 System Name: City of Madison

Sampler- Mr Kim Verhey Work Phone-(605)256-7517
Title- Water Manager
Address- 116 W Center Street
Madison SD 57042

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

Population Served- 6,474 Service Connections- 2,423

Sources for Madison

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1957	34	18		Groundwater	Vulnerable	Treatment At Plant
02	#3	1953	45	24	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
05	#8	1965	38	30	Permanent	Groundwater	Vulnerable	Treatment At Plant
07	#10	1968	257	10	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
08	#11	1968	254	10	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
09	#9A	1982	47	20	Permanent	Groundwater	Vulnerable	Treatment At Plant
10	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Iron Salts Lime Soda Ash Disinfection - Gas Chlorine Filtration - Rapid Sand Mixing Device Recarbonation Sedimentation Fluoridation - H2SiF6
11	WELL #21	1997	35	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
12	WELL #22	1997	33	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
13	WELL #23	1997	32	12	Permanent	Groundwater	Vulnerable	Treatment At Plant
17	NEW #1	2001	34	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
18	#24	2005	230	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
19	#25	2005	35	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

Date Of This Report: December 04, 2014

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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
10	Raw	08/03/95	1361	1632	7.49	270	0	89	11.2	184.6	86.4	1.38	1.58	76.0	649	329	0	816	+0.51	0.1	0.29
02	Raw	04/20/90	1853	1938	7.38	254	0	78	17.8	267.0	108.0	0.14	0.38	15.9	962	310	0	1110	+0.33	0.3	0.56
07	Raw	04/20/90	1886	2040	7.35	249	0	78	17.7	283.0	114.0	0.22	0.38	18.6	1013	304	0	1170	+0.32	0.9	0.57
08	Raw	04/20/90	1594	1785	7.31	258	0	89	15.7	230.0	93.2	0.44	0.73	43.4	761	315	0	958	+0.21	0.1	0.50
10	Raw	06/05/98	1497	1690	7.64	267	0	79	12.2	187.0	91.0	0.68	1.72	28.0	737	326	0	841	+0.64	0.4	0.23
10	Raw	06/29/01	1384	1830	7.04	275	0	76	14.3	184.0	87.3	0.47	1.58	29.0	714	336	0	819	+0.60	0.1	0.36
10	Raw	08/18/03	1354	1660	7.26	278	0	73	18.6	206.0	89.6	0.27	1.02	25.0	746	339	0	883	+0.34	0.1	0.45
10	Raw	04/14/10	1493	1840	7.38	295	0	85	13.0	207.0	100.0	0.54	1.34	29.0	766	360	0	928	+0.48	0.2	0.35
10	Raw	06/26/13	1454	1800	7.20	293	0	78	14.1	215.0	105.0	0.53	1.03	38.0	754	357	0	969	+0.31	0.0	0.46
Averages			1542	1802	7.34	271	0	80	15.0	218.2	97.2	0.52	1.08	33.7	789	331	0	944		0.2	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
10	Treated	08/03/95	1068	1302	8.60	16	0	88	11.7	116.0	69.4	0.03	0.04	53.0	650	11	0	575	+0.23	0.1	1.18
10	Treated	06/05/98	1191	1670	7.64	10	0	96	13.3	115.0	64.9	0.06	0.02	36.0	711	12	0	554	-1.00	0.4	1.46
10	Treated	06/29/01	1105	1510	7.80	26	0	97	15.1	101.0	70.2	0.04	0.02	36.0	707	32	0	541	+0.46	0.1	1.00
10	Treated	08/18/03	1034	1390	8.19	18	0	100	15.3	117.0	61.1	0.15	0.02	35.0	673	22	0	544	-0.12	0.1	1.26
10	Treated	04/14/10	1255	1570	8.51	22	1	78	13.7	133.0	84.8	0.03	0.02	33.0	792	24	1	681	+0.31	0.2	1.27
10	Treated	06/26/13	1166	1470	8.86	14	0	79	14.4	156.0	66.7	0.00	0.00	44.0	739	17	0	664	+0.54	0.0	1.20
Averages			1137	1485	8.27	18	0	89	13.9	123.0	69.5	0.05	0.02	39.5	712	20	0	593		0.2	1.23

Date Of This Report: December 04, 2014