

EPA ID#: 0145 System Name: City of Gregory

Sampler- Mr Mark Fortuna Work Phone-(605)835-8270
 Title- Water Superintendent
 Address- PO Box 436
 Gregory SD 57533-0436

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

Population Served- 1,295 Service Connections- 848

Sources for Gregory

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TOWN WELL FIELD-IRRIGATION	1905	55	18	Emergency	Groundwater	Non-Vulnerable	No Treatment
02	MALCHOW WELL FIELD	1972	50	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
03	SATTLER WELL FIELD	1995	60	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
04	TREAT PLANT- 02 03				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6
07	WEMPE WELL					Groundwater	Non-Vulnerable	Treatment At Plant
11	#11-MALCHOW	1985	155	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
12	#13-MALCHOW	1985	70	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
13	#14-MALCHOW	1985	70	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
14	#12-MALCHOW	1985	70	10	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
15	#10-MALCHOW	1985	100	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
16	#9-MALCHOW	1985	84	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
17	#8-MALCHOW	1976	77	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
18	#7-MALCHOW	1976	65	18	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
19	#6-MALCHOW	1976	71	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
20	#5-MALCHOW	1976	81	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
21	#4-MALCHOW	1976	76	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
22	#3-MALCHOW	1976	65	18	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
23	#2-MALCHOW	1976	69	18	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
24	#1-MALCHOW	1976	75	18	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
25	TOWN-9				Emergency	Groundwater	Non-Vulnerable	No Treatment
26	TOWN-2B				Emergency	Groundwater	Non-Vulnerable	No Treatment
27	TOWN-2C				Emergency	Groundwater	Non-Vulnerable	No Treatment

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Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
28	TOWN-2D				Emergency	Groundwater	Non-Vulnerable	No Treatment
29	TOWN-2E				Emergency	Groundwater	Non-Vulnerable	No Treatment
30	SATTLER-LOCAL WELL-#15	1995	70	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
31	SATTLER-WEST WELL-#16	1995	69	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
32	SATTLER-NE WELL-#17	1995	82	6	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
33	SATTLER-SE WELL-#18	1995	60	8		Groundwater	Non-Vulnerable	Treatment At Plant
34	TREAT BLDG - 020307					Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6
36	TRIPP COUNTY WATER USERS	2005			Emergency	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
37	#15-MALCHOW	2012	155	6	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
18	Raw	10/18/05	394	577	7.49	232	0	24	9.9	82.6	12.5	0.52	0.02	14.0	50	283	0	258	+0.25	2.0	0.33
30	Raw	10/18/05	247	338	7.56	147	0	8	5.9	51.4	6.9	0.55	0.02	3.0	15	179	0	157	-0.05	4.0	0.30
30	Raw	09/17/08	257	356	7.72	147	0	7	5.3	50.6	6.5	0.13	0.02	5.0	10	179	0	153	+0.10	4.6	0.29
13	Raw	09/17/08	446	658	7.47	247	0	24	9.0	85.4	13.5	0.03	0.02	20.0	70	301	0	269	+0.25	1.5	0.34
Averages			336	482	7.56	193	0	16	7.5	67.5	9.9	0.31	0.02	10.5	36	236	0	209		3.0	0.32

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	01/05/83	518	796	7.38	243	0	27	10.4	104.0	18.3	0.02	0.02	32.7	54	296	0	335	-0.02	15.0	0.00
01	Treated	11/04/92	261	333	7.45	159	0	14	6.7	51.7	7.0	0.02	0.02	7.7	16	194	0	158	-0.48	3.1	1.26
02	Treated	11/16/94	270	432	7.47	153	0	13	6.5	45.8	7.3	0.02	0.02	8.3	14	187	0	144	-0.18	3.2	1.66
02	Treated	10/19/84	214	322	7.35	150	0	14	6.3	49.0	7.2	0.16	0.04	9.9	12	183	0	152	-0.57	2.7	1.67
04	Treated	03/27/97	289	378	7.51	158	0	13	6.6	55.4	8.1	0.24	0.02	6.0	22	193	0	172	-0.05	3.3	1.05
04	Treated	06/14/00	281	393	7.48	159	0	11	5.6	53.0	7.6	0.02	0.02	6.7	16	194	0	164	-0.09	3.6	1.02
04	Treated	10/22/02	299	437	7.45	169	0	13	7.0	60.8	8.2	0.06	0.02	11.0	12	206	0	186	-0.04	3.5	1.06
04	Treated	09/17/08	298	423	7.47	164	0	13	6.7	56.7	7.8	0.05	0.02	10.0	22	200	0	174	-0.06	3.7	1.47
04	Treated	02/14/12	305	435	7.17	142	0	13	6.6	58.7	8.3	0.09	0.12	14.0	26	173	0	181	-0.41	2.9	11.00
04	Treated	06/04/15	329	439	7.86	180	0	14	7.2	63.3	8.8	0.08	0.06	4.0	27	220	0	194	+0.41	2.6	1.17
Averages			306	439	7.46	168	0	14	7.0	59.8	8.9	0.08	0.04	11.0	22	205	0	186		4.4	2.14