

EPA ID#: 0417 System Name: City of Wall

Sampler- Mr Garrett Bryan Work Phone-(605)279-2563
 Title- Utilities Manager
 Address- PO Box 314
 Wall SD 57790-0314

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

Population Served- 766 Service Connections- 450

Sources for Wall

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE FOR WELL #1				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
02	TREAT SITE FOR WELL #2				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
04	TREAT SITE FOR WELL #4				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
06	TREAT SITE FOR WELL #6				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
09	WELL #1	1960	3200	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
10	WELL #2	1961	3210	9	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
11	WELL #3	1970	3160	11		Groundwater	Non-Vulnerable	No Treatment
12	WELL #4	1976	3200	8	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
13	WELL #6	1989	3200	9	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
15	WR/LJ-CREIGHTON				Emergency	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
16	WELL #7	2007	3225	11	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
17	TREAT SITE FOR WELL #7	2007			Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites

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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	10/24/91	649	1030	8.46	284	0	254	2.4	3.3	0.5	0.02	0.02	13.6	220	323	0	10	-0.45	0.1	2.00
02	Raw	03/30/94	627	1070	8.46	284	0	248	2.6	2.8	0.3	1.23	0.06	14.6	231	342	0	8	-0.12	0.4	1.92
03	Raw	10/20/87	706	1020	8.70	315	13	259	2.5	3.1	0.6	0.22	1.01	12.4	210	353	161	10	-0.15	0.1	2.22
04	Raw	10/20/87	680	1040	8.63	310	11	253	2.9	3.1	0.6	0.24	0.10	12.1	210	350	139	10	-0.22	0.1	2.19
06	Raw	01/23/90	719	1133	8.52	320	0	265	2.6	2.4	0.6	0.11	0.01	17.2	228	390	0	8	-0.43	0.1	1.92
01	Raw	08/07/96	650	1000	8.50	282	6	239	4.0	3.0	1.0	0.11	0.03	7.0	217	329	7	8	-0.10	0.1	2.00
02	Raw	08/07/96	610	1000	8.40	278	18	226	4.0	4.0	1.0	0.05	0.03	7.0	212	295	22	10	-0.10	0.1	2.00
03	Raw	08/07/96	640	1100	8.60	322	28	243	4.0	3.0	1.0	0.15	0.03	8.0	214	337	34	8	+0.10	0.1	2.30
04	Raw	08/07/96	640	1000	8.60	308	20	253	4.0	3.0	1.0	0.05	0.03	8.0	225	351	24	8	+0.10	0.1	2.20
06	Raw	02/01/00	708	1090	8.66	344	0	230	2.0	1.0	1.0	0.19	0.01	10.0	230	410	0	2	-0.39	0.1	2.40
04	Raw	02/01/00	624	1010	8.53	296	0	210	2.0	1.0	1.0	0.13	0.02	7.0	219	361	0	2	-0.58	0.1	2.30
03	Raw	02/01/00	652	1060	8.64	330	0	216	2.0	1.0	1.0	0.71	0.02	8.0	214	402	0	5	-0.43	0.1	2.40
02	Raw	02/01/00	640	1050	8.64	324	0	210	2.0	1.0	1.0	0.05	0.01	7.0	230	395	0	4	-0.43	0.1	2.30
Averages			657	1046	8.56	307	7	239	2.8	2.4	0.8	0.25	0.11	10.1	220	357	30	7		0.1	2.17

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	04/23/03	1152	1770	8.46	409	9	413	3.5	5.5	1.0	0.34	0.02	118.0	373	477	11	18	+0.16	0.1	2.27
02	Treated	04/23/03	659	1030	8.43	288	6	242	2.4	2.2	0.5	0.43	0.02	12.0	213	337	7	8	-0.35	0.1	2.05
03	Treated	04/23/03	698	1090	8.56	327	10	261	2.5	1.9	0.3	1.99	0.02	9.0	211	375	12	6	-0.24	0.1	2.24
04	Treated	04/23/03	736	1170	8.49	318	7	270	2.6	2.1	0.4	0.23	0.02	49.0	209	371	8	7	-0.28	0.1	2.23
06	Treated	04/23/03	733	1160	8.55	336	9	270	2.5	1.9	0.4	0.06	0.02	12.0	229	388	11	6	-0.24	0.1	2.17
02	Treated	12/04/08	734	1200	8.65	310	0	201	3.3	2.5	0.5	0.51	0.02	41.3	209	355	0	8	+0.04	0.2	2.35
04	Treated	12/04/08	753	1280	8.64	365	0	250	3.4	2.9	0.5	0.85	0.04	58.8	206	417	0	9	+0.16	0.2	2.39
06	Treated	12/04/08	777	1310	8.58	360	0	259	3.4	3.6	0.8	0.29	0.01	50.0	215	421	0	12	+0.19	0.4	2.31
17	Treated	12/04/08	800	1290	8.60	385	0	236	3.5	2.8	0.5	0.07	0.01	16.5	209	428	0	9	+0.13	0.2	3.55
01	Treated	05/15/12	628	1090	8.54	286	0	232	2.7	2.7	0.5	0.07	0.01	14.7	213	334	7	9	-0.08	0.4	2.01
02	Treated	05/15/12	843	1430	8.65	340	0	307	2.8	2.9	0.5	0.19	0.02	129.0	222	385	15	10	+0.15	0.5	2.00
04	Treated	05/15/12	735	1260	8.66	318	0	270	2.8	3.3	0.5	0.35	0.01	56.8	225	362	13	10	+0.18	0.4	2.11
06	Treated	05/15/12	874	1450	8.69	373	0	315	2.8	2.8	0.5	0.07	0.01	97.7	234	422	16	9	+0.21	0.4	2.08
17	Treated	05/15/12	834	1370	8.57	423	0	308	2.8	3.9	0.6	0.05	0.01	16.0	238	492	12	12	+0.29	0.1	3.08
01	Treated	02/03/15	670	1110	8.68	319	0	250	2.9	1.9	0.0	0.00	0.00	10.1	225	363	0	7	-0.04	0.0	2.23

Date Of This Report: August 29, 2017

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02	Treated	02/03/15	872	1450	8.73	350	0	323	2.8	2.0	0.0	0.31	0.02	133.0	222	388	0	7	+0.06	0.6	1.95
04	Treated	02/03/15	775	1330	8.72	334	0	299	2.9	2.0	0.0	0.13	0.00	83.9	219	380	0	7	+0.05	0.6	2.11
17	Treated	02/03/15	812	1340	8.61	416	0	314	2.8	2.1	0.0	0.00	0.00	18.8	233	479	0	7	+0.05	0.0	3.06
Averages			783	1285	8.60	348	2	279	2.9	2.7	0.4	0.33	0.01	51.5	228	399	6	9		0.3	2.34