

Common Test Results For Hermosa Water Users Association (EPA ID: 2180)

Sampler- Mr Tom Colgan Work Phone-
Title- Water Manager
Address- 23912 145th Avenue
 Hermosa SD 57744

Location- City: Hermosa County: Custer
Service Area- Other residential areas
PWS Owner Type- Local Government
Water Supply Type- Groundwater Supply

Population Served- 108 Service Connections- 49

Sources for Hermosa Water Users Association

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	EAST WELL	1959	1800	8	Emergency	Groundwater	Non-Vulnerable	No Treatment
02	WEST WELL	1959	1800	8	Emergency	Groundwater	Non-Vulnerable	No Treatment
05	ENTRY PT E & W WELLS				Emergency		Non-Vulnerable	No Treatment
07	TREAT SITE-NEW WEST WELL				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
08	NEW WEST WELL	2004	2414	9	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

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Test Data
(All chemical data are reported in milligrams per liter (mg/l) except pH and Langlier Index)

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
05	Raw	01/28/98	440	618	7.36	218	0	34	7.0	79.0	21.0	0.10	0.04	7.0	66	266	0	284	+0.03	0.1	0.45
01	Raw	05/15/02	409	662	7.77	215	0	29	7.1	78.5	21.2	0.25	0.05	3.5	136	262	0	16	+0.49	0.1	0.42
05	Raw	02/15/05	355	605	7.79	208	0	14	6.3	79.6	21.4	1.45	0.05	3.3	96	254	0	287	+0.51	0.1	0.40
07	Raw	02/15/05	153	305	8.08	133	0	7	2.2	35.6	10.6	0.07	0.01	7.3	18	163	0	133	+0.25	0.3	0.21
08	Raw	06/11/08	177	315	7.99	137	0	7	2.4	32.9	10.5	0.05	0.01	6.8	14	167	0	125	+0.14	0.3	0.23
08	Raw	10/25/10	157	314	8.08	140	0	9	2.6	35.6	11.0	0.05	0.01	7.3	13	171	0	134	+0.28	0.3	0.21
07	Raw	02/06/14	182	316	8.02	137	0	8	2.9	40.9	11.8	0.00	0.00	10.3	0	167	0	151	+0.27	0.3	0.22
07	Raw	05/09/17	180	322	8.07	141	0	9	3.0	38.2	11.5	0.00	0.00	9.5	12	172	0	142	+0.30	0.3	0.22
08	Raw	10/24/19	189	336	8.09	139	0	8	2.5	39.7	11.3	0.09	0.00	11.4	12	169	0	146	00.33	0.0	0.20
Averages			249	421	7.92	163	0	14	4.0	51.1	14.5	0.23	0.02	7.4	41	199	0	158		0.2	0.28

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
07	Treated	06/30/23	148	334	7.95	139	0	10	2.7	38.6	11.5	0.00	0.00	12.6	0	169	0	144	+0.18	0.0	0.21