

EPA ID#: 0198 System Name: City of McLaughlin

Sampler- Mr Lornie Hach Work Phone-(605)823-4428
 Title- Utilities Manager
 Address- PO Box 169
 McLaughlin SD 57642-0169

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

Population Served- 663 Service Connections- 313

Sources for McLaughlin

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE- #5/KELLER/LEFTY WELL				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
02	#2/DELLA/SW WELL	1950	90	8	Emergency	Groundwater	Vulnerable	Treatment At Plant
03	TREAT SITE- #1/BASEBALL/PUBLIC HEALTH WELL				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
04	#3/LEONARD WELL	1973	135	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
05	TREAT SITE - #4/HEIR WELL				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Fluoridation - H2SiF6
06	ENTRY PT - #3/LEONARD				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Hypochlorites Corrosion Control - Phosphates Fluoridation - H2SiF6
09	#5/KELLER/LEFTY WELL	1948	129	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
10	#1/BASEBALL/PUBLIC HEALTH WELL	1971	125	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
11	#4/HEIR WELL	1979	105	8	Permanent	Groundwater	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
02	Raw	06/28/89	612	960	7.55	416	0	128	6.6	51.2	36.8	5.65	0.05	12.1	96	508	0	279	+0.05	1.4	0.10
03	Raw	06/17/92	486	790	7.63	312	0	52	5.1	80.0	29.0	0.62	0.18	13.3	109	381	0	319	+0.15	0.1	0.16
04	Raw	06/28/89	592	920	7.63	396	0	111	5.3	51.5	39.9	0.84	0.08	13.4	95	483	0	293	+0.11	0.1	0.13
03	Raw	07/25/96	514	832	7.61	311	0	52	5.3	84.4	32.4	0.73	0.18	25.0	133	379	0	344	+0.47	0.1	0.14
10	Raw	05/22/03	506	855	7.29	325	0	57	4.8	84.9	32.5	0.74	0.16	34.0	95	397	0	346	+0.18	0.1	1.41
02	Raw	03/06/12	883	1430	7.57	501	0	136	7.5	91.8	77.4	0.92	0.25	21.0	280	611	0	548	+0.62	0.4	0.15
04	Raw	03/06/12	632	1060	7.66	415	0	111	5.4	60.8	49.9	0.83	0.12	9.0	164	506	0	357	+0.48	0.2	0.17
10	Raw	03/06/12	495	866	7.64	325	0	58	5.2	79.9	32.0	0.67	0.20	26.0	103	396	0	331	+0.50	0.2	0.12
Averages			590	964	7.57	375	0	88	5.7	73.1	41.2	1.38	0.15	19.2	134	458	0	352		0.3	0.30

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	06/28/89	444	730	7.80	325	0	52	5.8	46.4	46.1	0.63	0.09	14.6	62	396	0	306	0.16	0.2	0.37
05	Treated	06/28/94	522	893	7.61	329	0	82	5.0	68.2	34.2	0.74	0.07	25.8	106	401	0	311	+0.49	0.1	1.71
02	Treated	07/25/96	671	1040	7.62	429	0	120	6.0	55.9	42.8	0.70	0.06	20.0	146	523	0	316	+0.42	0.2	1.22
05	Treated	07/25/96	422	728	7.85	306	0	58	4.8	35.9	43.2	0.49	0.02	16.0	65	373	0	267	+0.36	0.5	0.23
01	Treated	07/25/96	471	780	7.68	344	0	49	6.1	48.8	52.0	0.56	0.06	17.0	73	420	0	336	+0.36	0.6	0.23
03	Treated	09/29/99	472	788	7.69	305	0	70	5.1	64.0	26.2	0.99	0.15	18.5	83	372	0	268	+0.43	0.3	0.97
06	Treated	09/29/99	460	776	7.74	305	0	57	4.7	41.9	45.9	0.16	0.04	13.9	81	372	0	294	+0.30	0.5	2.27
05	Treated	09/29/99	462	769	7.66	304	0	56	5.1	42.2	45.8	2.71	0.07	13.5	81	371	0	294	+0.23	0.8	2.94
01	Treated	09/29/99	467	795	7.63	334	0	44	6.4	51.8	50.6	0.37	0.09	15.4	66	407	0	338	+0.32	1.1	1.81
01	Treated	05/22/03	498	845	7.31	335	0	58	4.9	80.6	33.5	0.70	0.10	32.0	95	409	0	339	+0.19	0.1	1.44
03	Treated	06/02/06	519	863	7.44	330	0	64	5.8	82.5	32.0	0.68	0.17	35.0	91	403	0	338	+0.32	0.1	1.18
06	Treated	06/02/06	676	1080	7.43	433	0	124	6.7	62.6	44.9	0.75	0.08	16.0	157	528	0	341	+0.28	0.1	1.13
05	Treated	06/02/06	537	884	7.50	311	0	67	5.6	49.0	54.8	4.92	0.32	27.0	140	379	0	348	+0.12	0.1	1.86
01	Treated	06/02/06	466	782	7.41	342	0	47	6.2	50.6	49.7	1.06	0.10	17.0	66	417	0	331	+0.11	0.6	2.15
01	Treated	03/06/12	426	794	7.63	344	0	48	5.5	48.6	52.2	0.43	0.12	14.0	68	420	0	336	+0.32	0.7	0.18
Averages			501	836	7.60	338	0	66	5.6	55.3	43.6	1.06	0.10	19.7	92	413	0	318		0.4	1.31