

EPA ID#: 0238 System Name: City of Philip

Sampler- Mr Brian Pearson Work Phone-(605)859-2175
 Title- Water Superintendent
 Address- PO Box 408
 Philip SD 57567-0408

Location- City: Philip County: Haakon
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Purchased Surface Water Supply

Population Served- 779 Service Connections- 480

Sources for Philip

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1962	4010	10		Groundwater	Non-Vulnerable	No Treatment
02	LAKE WAGGONER					Surface Water	Vulnerable	Treatment At Plant
03	TREATMENT PLANT					Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - Alum KMnO4 Polymers Disinfection - Gas Chlorine Filtration - Mixed Media Corrosion Control - Phosphates Mixing Device Sedimentation Fluoridation - H2SiF6
07	WR/LJ-CREIGHTON PROJECT	2002			Emergency	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only
08	WR/LJ-NORTH STANLEY	2008			Permanent	Purchased Surface	Non-Vulnerable	No Treatment

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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
03	Raw	11/02/94	871	1144	8.32	133	0	62	10.0	129.9	47.4	0.06	0.03	20.0	514	162	0	519	+0.94	0.1	0.94
03	Raw	09/23/97	1184	1680	7.96	181	0	180	11.6	104.0	61.8	0.08	0.04	29.0	676	221	0	514	+0.58	0.1	0.32
03	Raw	07/12/00	2997	3440	8.23	221	0	495	17.9	161.0	146.0	0.23	0.42	79.0	1760	270	0	1000	+0.99	0.1	0.48
Averages			1684	2088	8.17	178	0	246	13.2	131.6	85.1	0.12	0.16	42.7	983	218	0	678		0.1	0.58

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
03	Treated	11/02/94	877	1144	7.51	120	0	62	10.0	129.0	47.0	0.27	0.04	22.0	505	146	0	516	+0.08	0.1	1.32
03	Treated	07/12/00	3008	3480	7.55	194	0	493	18.5	159.0	146.0	0.03	0.04	85.0	1730	237	0	998	+0.24	0.1	1.03
Averages			1943	2312	7.53	157	0	278	14.3	144.0	96.5	0.15	0.04	53.5	1118	192	0	757		0.1	1.18