

**EPA ID#: 0013 System Name: Town of New Effington**

Sampler- Mr Jake Magnuson Work Phone-  
 Title- Utilities Manager  
 Address- PO Box 173  
 New Effington SD 57255-0173

Location- City: New Effington County: Roberts  
 Service Area- Municipality  
 PWS Owner Type- Local Government  
 Water Supply Type- Purchased Groundwater Supply

Population Served- 256 Service Connections- 127

**Sources for New Effington**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1983	27	8	Emergency	Groundwater	Vulnerable	Treatment At Plant
02	#2	1976	25	8	Emergency	Groundwater	Vulnerable	Treatment At Plant
03	TREATMENT PLANT				Emergency	Treatment Plant	Non-Vulnerable	Coagulation, Softening - KMnO4 Disinfection - Hypochlorites Filtration - Green Sand Corrosion Control - Sedimentation
06	BDM RURAL WATER	2004			Permanent	Purchased Groundwater	Non-Vulnerable	Water Treated By Seller - Purchased Surface Only

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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	04/20/93	1078	1458	7.98	337	0	61	8.1	186.0	80.9	0.02	0.25	18.4	534	411	0	797	+1.28	1.4	0.21
03	Raw	02/06/95	1136	1526	7.21	350	0	57	8.9	195.2	73.9	0.07	0.34	24.1	569	427	0	791	+0.40	1.6	0.21
Averages			1107	1492	7.60	344	0	59	8.5	190.6	77.4	0.05	0.30	21.3	552	419	0	794		1.5	0.21

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	04/20/93	0	0	0.00	0	0	0	0.0	0.0	0.0	0.08	0.88	0.0	0	0	0	0	0.00	0.0	0.00
03	Treated	02/06/95	0	0	0.00	0	0	0	0.0	0.0	0.0	0.26	0.04	0.0	0	0	0	0	0.00	0.0	0.00
03	Treated	06/03/98	1335	1660	7.50	392	0	74	9.1	196.0	91.8	0.06	0.19	27.0	576	478	0	867	+0.71	0.5	0.25
03	Treated	09/21/00	1294	1580	7.67	375	0	80	9.2	175.0	80.7	0.02	0.03	20.0	537	458	0	769	+0.82	0.7	0.20
03	Treated	09/17/03	996	1320	7.28	360	0	59	8.2	164.0	66.7	0.03	0.02	17.0	397	439	0	684	+0.42	1.2	0.20
Averages			725	912	4.49	225	0	43	5.3	107.0	47.8	0.09	0.23	12.8	302	275	0	464		0.5	0.13