

**EPA ID#: 0060 System Name: City of Jefferson**

Sampler- Mr Logan Rubida Work Phone-(605)966-5875  
 Title- Utilities Manager  
 Address- PO Box 276  
 Jefferson SD 57038-0276

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

Population Served- 547 Service Connections- 235

**Sources for Jefferson**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1955	90	8	Permanent	Groundwater	Vulnerable	Treatment At Plant
02	#2	1958	90	8		Groundwater	Vulnerable	Treatment At Plant
03	TREATMENT PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Coagulation, Softening - KMnO4 Disinfection - Gas Chlorine Filtration - Pressure Sand Corrosion Control - Mixing Device Sedimentation Fluoridation - H2SiF6
05	NEW WELL				Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

**EPA ID#: 0060 System Name: City of Jefferson**

**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	01/07/91	720	1061	7.02	430	0	53	10.0	128.0	38.9	0.87	0.61	29.5	144	525	0	480	-0.11	0.1	0.65
02	Raw	06/09/93	662	1060	8.13	460	0	52	9.1	144.0	49.8	0.60	0.22	24.0	160	562	0	564	+1.47	0.1	0.63
03	Raw	06/04/98	754	1120	7.64	431	0	55	10.1	125.0	44.1	5.28	0.69	33.0	171	526	0	494	+0.77	0.1	0.69
01	Raw	11/01/11	669	1140	7.28	442	0	45	9.5	128.0	44.0	6.85	0.67	30.0	126	539	0	501	+0.45	0.2	0.62
03	Raw	05/22/15	698	1100	8.09	414	0	49	9.8	128.0	47.7	6.14	0.68	25.0	141	505	0	516	+1.22	0.0	0.69
Averages			701	1096	7.63	435	0	51	9.7	130.6	44.9	3.95	0.57	28.3	148	531	0	511		0.1	0.66

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	01/07/91	716	1078	7.66	419	0	54	10.3	123.0	40.0	0.24	0.60	27.0	148	511	0	472	+0.50	0.1	0.85
03	Treated	06/08/95	741	1040	7.63	423	0	52	9.2	123.5	44.4	0.07	0.02	47.0	154	516	0	491	+0.75	0.1	0.80
03	Treated	06/04/98	736	1080	7.74	406	0	52	9.9	121.0	42.8	0.50	0.07	38.0	159	495	0	478	+0.84	0.1	1.00
03	Treated	02/25/03	730	1130	7.39	432	0	53	9.7	127.0	43.6	0.04	0.23	33.0	165	527	0	497	+0.54	0.1	0.95
03	Treated	06/24/09	688	1080	7.71	430	0	49	9.3	129.0	44.7	0.03	0.24	27.0	147	525	0	506	+0.86	0.2	1.09
03	Treated	05/22/15	698	1080	8.05	392	0	49	9.6	126.0	46.8	0.00	0.00	30.0	144	478	0	507	+1.15	0.0	0.78
Averages			718	1081	7.70	417	0	51	9.7	124.9	43.7	0.15	0.19	33.7	153	509	0	492		0.1	0.91