

EPA ID#: 0317 System Name: City of Springfield

Sampler- Mr Joe Pruss-Shelhamer Work Phone-(605)369-2928
 Title- Utilities Manager
 Address- PO Box 446
 Springfield SD 57062

Location- City: Springfield County: Bon Homme
 Service Area- Municipality
 PWS Owner Type- Local Government
 Water Supply Type- Surface Water Supply

Population Served- 1,989 Service Connections- 360

Sources for Springfield

| Source | Name | Year Built | Depth (feet) | Diameter (inches) | Availability | Type | Vulnerability | Treatment |
|--------|-----------------|------------|--------------|-------------------|--------------|-----------------|----------------|--|
| 01 | MISSOURI RIVER | | | | Permanent | Surface Water | Vulnerable | Treatment At Plant |
| 05 | TREATMENT PLANT | | | | Permanent | Treatment Plant | Non-Vulnerable | Aeration Coagulation, Softening - Alum Iron Salts Lime Soda Ash Disinfection - Gas Chlorine Filtration - Mixed Media Mixing Device Recarbonation Sedimentation Taste and Order Control Activated Carbon Fluoridation - Na2SiF6 |
| 06 | WELL | | | | Emergency | Groundwater | Non-Vulnerable | No Treatment |

EPA ID#: 0317 System Name: City of Springfield

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 | 09/06/95 | 540 | 810 | 7.75 | 159 | 0 | 85 | 7.0 | 66.0 | 23.4 | 0.96 | 0.06 | 16.0 | 288 | 194 | 0 | 261 | -0.10 | 0.1 | 0.49 |
| 05 | Raw | 04/21/99 | 708 | 999 | 8.23 | 172 | 0 | 78 | 6.9 | 85.7 | 37.6 | 2.03 | 0.28 | 13.6 | 330 | 210 | 0 | 369 | +0.81 | 0.2 | 0.41 |
| 05 | Raw | 05/02/02 | 526 | 805 | 8.32 | 171 | 0 | 72 | 5.4 | 62.4 | 24.4 | 0.48 | 0.08 | 13.0 | 231 | 209 | 0 | 256 | +0.79 | 0.1 | 0.50 |
| 05 | Raw | 11/05/04 | 426 | 648 | 8.41 | 158 | 2 | 56 | 5.1 | 53.0 | 20.2 | 0.22 | 0.03 | 12.0 | 181 | 188 | 2 | 215 | +0.80 | 0.2 | 0.57 |
| 05 | Raw | 06/28/11 | 508 | 797 | 8.11 | 168 | 0 | 70 | 5.8 | 63.8 | 24.2 | 1.09 | 0.17 | 13.0 | 228 | 205 | 0 | 259 | +0.59 | 0.2 | 1.30 |
| Averages | | | 542 | 812 | 8.16 | 166 | 0 | 72 | 6.0 | 66.2 | 26.0 | 0.96 | 0.12 | 13.5 | 252 | 201 | 0 | 272 | | 0.2 | 0.65 |

| 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 | 09/06/95 | 468 | 702 | 9.01 | 76 | 0 | 116 | 7.2 | 19.0 | 13.8 | 0.03 | 0.02 | 20.0 | 272 | 73 | 10 | 104 | +0.31 | 0.1 | 0.83 |
| 05 | Treated | 04/21/99 | 643 | 920 | 8.07 | 80 | 0 | 105 | 7.1 | 44.8 | 29.7 | 0.04 | 0.02 | 17.4 | 338 | 98 | 0 | 234 | +0.04 | 0.3 | 1.15 |
| 05 | Treated | 05/02/02 | 437 | 702 | 8.23 | 77 | 0 | 101 | 5.3 | 21.7 | 12.4 | 0.03 | 0.02 | 22.0 | 226 | 94 | 0 | 105 | -0.09 | 0.1 | 1.63 |
| 05 | Treated | 11/05/04 | 325 | 514 | 8.90 | 51 | 1 | 94 | 6.2 | 11.9 | 3.3 | 0.03 | 0.02 | 23.0 | 171 | 60 | 1 | 43 | +0.17 | 0.2 | 0.82 |
| 05 | Treated | 06/23/08 | 391 | 603 | 8.33 | 47 | 0 | 99 | 6.9 | 14.3 | 5.9 | 0.03 | 0.02 | 27.0 | 210 | 57 | 0 | 60 | -0.37 | 0.2 | 1.06 |
| 05 | Treated | 06/28/11 | 409 | 678 | 9.91 | 29 | 14 | 104 | 5.8 | 12.5 | 5.9 | 0.03 | 0.02 | 24.0 | 231 | 1 | 17 | 55 | +0.93 | 0.2 | 0.48 |
| Averages | | | 446 | 687 | 8.74 | 60 | 3 | 103 | 6.4 | 20.7 | 11.8 | 0.03 | 0.02 | 22.2 | 241 | 64 | 5 | 100 | | 0.2 | 1.00 |