

# EPA ID#: 0376 System Name: City of Woonsocket

Sampler- Mr Richard Jensen Work Phone-(605)796-4275  
Title- Water Superintendent  
Address- PO Box 456  
Woonsocket SD 57385-0456

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

Population Served- 655 Service Connections- 330

## Sources for Woonsocket

| Source | Name                | Year Built | Depth (feet) | Diameter (inches) | Availability | Type            | Vulnerability  | Treatment  |
|--------|---------------------|------------|--------------|-------------------|--------------|-----------------|----------------|--|
| 01     | TREAT SITE - #1 NEW |            |              |                   | Permanent    | Treatment Plant | Non-Vulnerable | Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6 |
| 02     | TREAT SITE - #2 OLD |            |              |                   | Permanent    | Treatment Plant | Non-Vulnerable | Aeration Disinfection - Gas Chlorine Fluoridation - H2SiF6 |
| 05     | #1 - NEW            | 1977       | 168          | 8                 | Permanent    | Groundwater     | Non-Vulnerable | Treatment At Plant   |
| 06     | #2 - OLD            | 1939       | 163          | 6                 | Permanent    | Groundwater     | Non-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  | 12/08/88 | 1215 | 1919        | 7.92 | 569   | 0     | 472 | 9.5 | 13.4 | 4.3 | 0.40 | 0.05 | 98.0 | 310 | 694  | 0   | 51       | -0.06    | 0.1 | 0.79 |
| 01       | Raw  | 08/12/97 | 1273 | 1960        | 7.80 | 561   | 0     | 444 | 9.6 | 11.7 | 3.7 | 0.55 | 0.03 | 87.0 | 375 | 684  | 0   | 44       | -0.05    | 0.1 | 2.70 |
| Averages |      |          | 1244 | 1940        | 7.86 | 565   | 0     | 458 | 9.6 | 12.6 | 4.0 | 0.48 | 0.04 | 92.5 | 343 | 689  | 0   | 48       |          | 0.1 | 1.75 |

| 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 | 01/25/95 | 1222 | 1980        | 8.01 | 560   | 0     | 465 | 9.3  | 12.5 | 3.9 | 0.16 | 1.98 | 90.3 | 347 | 683  | 0   | 47       | +0.15    | 0.1 | 2.14 |
| 01       | Treated | 08/03/00 | 1280 | 1990        | 8.01 | 564   | 0     | 452 | 10.8 | 12.0 | 3.8 | 0.02 | 0.02 | 84.0 | 320 | 688  | 0   | 46       | +0.17    | 0.1 | 1.25 |
| 02       | Treated | 02/17/04 | 1228 | 1910        | 8.23 | 573   | 0     | 443 | 9.8  | 10.6 | 3.3 | 0.21 | 0.02 | 85.0 | 329 | 699  | 0   | 40       | +0.35    | 0.1 | 0.67 |
| 01       | Treated | 02/17/04 | 1249 | 1960        | 8.01 | 561   | 0     | 440 | 9.9  | 13.6 | 4.6 | 2.00 | 0.02 | 97.0 | 321 | 684  | 0   | 53       | +0.23    | 0.1 | 0.61 |
| 02       | Treated | 05/16/07 | 1252 | 1960        | 8.00 | 572   | 0     | 444 | 11.6 | 10.8 | 3.2 | 0.15 | 0.02 | 79.0 | 344 | 698  | 0   | 40       | +0.13    | 0.1 | 1.19 |
| 01       | Treated | 10/28/09 | 1255 | 2010        | 8.08 | 559   | 0     | 403 | 8.4  | 11.7 | 4.0 | 0.23 | 0.02 | 94.0 | 298 | 682  | 0   | 49       | +0.27    | 0.2 | 0.64 |
| 02       | Treated | 10/28/09 | 1231 | 1980        | 8.16 | 563   | 0     | 409 | 8.0  | 10.2 | 3.6 | 0.48 | 0.02 | 86.0 | 318 | 687  | 0   | 40       | +0.26    | 0.2 | 0.68 |
| 02       | Treated | 02/26/13 | 1260 | 2000        | 7.99 | 569   | 0     | 423 | 8.9  | 10.6 | 3.7 | 0.10 | 0.05 | 76.0 | 331 | 694  | 0   | 42       | +0.10    | 0.2 | 1.01 |
| 01       | Treated | 02/26/13 | 1254 | 2020        | 8.13 | 567   | 0     | 415 | 9.1  | 10.6 | 3.8 | 0.06 | 0.04 | 79.0 | 315 | 692  | 0   | 42       | +0.24    | 0.2 | 1.00 |
| Averages |         |          | 1248 | 1979        | 8.07 | 565   | 0     | 433 | 9.5  | 11.4 | 3.8 | 0.38 | 0.24 | 85.6 | 325 | 690  | 0   | 44       |          | 0.1 | 1.02 |