

EPA ID#: 0042 System Name: Woodland Hills

Sampler- Mr Ed Striebel Work Phone-(605)787-5653
Title- Clearwater Consultin
Address- 7005 Timberline Road
Black Hawk SD 57718

Location- City: Black Hawk County: Meade
Service Area- Homeowners Association
PWS Owner Type- Private Ownership
Water Supply Type- Groundwater Supply

Population Served- 255 Service Connections- 102

Sources for Woodland Hills

| Source | Name | Year Built | Depth (feet) | Diameter (inches) | Availability | Type | Vulnerability | Treatment |
|--------|----------------------|------------|--------------|-------------------|--------------|-----------------|----------------|------------------------------|
| 01 | #1 | 1975 | 736 | 6 | Emergency | Groundwater | Vulnerable | No Treatment |
| 02 | TREAT SITE - WELL #2 | | | | Permanent | Treatment Plant | Non-Vulnerable | Disinfection - Hypochlorites |
| 08 | #2 | 1991 | 950 | 7 | 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 |
|----------|------|----------|-----|-------------|------|-------|-------|----|-----|------|------|------|------|-----|-----|------|-----|----------|----------|-----|------|
| 01 | Raw | 03/25/92 | 248 | 460 | 7.48 | 242 | 0 | 3 | 2.0 | 44.0 | 26.0 | 0.05 | 0.03 | 3.0 | 7 | 295 | 0 | 217 | -0.29 | 0.1 | 0.29 |
| 02 | Raw | 03/25/97 | 205 | 450 | 7.50 | 242 | 0 | 5 | 2.0 | 42.0 | 28.0 | 0.05 | 0.03 | 4.0 | 4 | 295 | 0 | 220 | +0.10 | 0.2 | 0.20 |
| Averages | | | 227 | 455 | 7.49 | 242 | 0 | 4 | 2.0 | 43.0 | 27.0 | 0.05 | 0.03 | 3.5 | 6 | 295 | 0 | 219 | | 0.2 | 0.25 |

| 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 | Treated | 09/14/93 | 192 | 440 | 7.78 | 236 | 0 | 4 | 2.0 | 53.0 | 29.0 | 0.03 | 0.03 | 1.0 | 2 | 288 | 0 | 252 | -0.25 | 0.2 | 0.23 |
| 02 | Treated | 09/14/99 | 226 | 464 | 7.56 | 240 | 0 | 3 | 2.0 | 42.0 | 26.0 | 0.02 | 0.01 | 2.0 | 8 | 293 | 1 | 213 | +0.02 | 0.2 | 0.02 |
| 02 | Treated | 02/12/03 | 216 | 443 | 7.81 | 241 | 0 | 3 | 2.1 | 41.9 | 28.6 | 0.08 | 0.05 | 1.3 | 10 | 294 | 0 | 222 | +0.31 | 0.5 | 0.24 |
| 02 | Treated | 05/17/06 | 240 | 457 | 7.44 | 246 | 0 | 4 | 2.0 | 47.6 | 28.1 | 0.03 | 0.02 | 12.0 | 10 | 300 | 0 | 234 | +0.02 | 0.2 | 0.25 |
| 02 | Treated | 04/21/09 | 213 | 459 | 8.16 | 244 | 0 | 6 | 1.5 | 38.7 | 26.4 | 0.05 | 0.01 | 1.0 | 10 | 297 | 0 | 205 | +0.63 | 0.6 | 0.24 |
| 02 | Treated | 05/29/12 | 207 | 478 | 8.03 | 247 | 0 | 9 | 2.0 | 49.8 | 29.0 | 0.26 | 0.01 | 8.5 | 10 | 301 | 0 | 244 | +0.62 | 0.3 | 0.24 |
| Averages | | | 216 | 457 | 7.80 | 242 | 0 | 5 | 1.9 | 45.5 | 27.9 | 0.08 | 0.02 | 4.3 | 8 | 296 | 0 | 228 | | 0.3 | 0.20 |