

EPA ID#: 0293 System Name: Town of Sinai

Sampler- Mr Lowell Corbin Work Phone-(605)983-5074
Title- Contract Operator
Address- PO Box 299
Arlington SD 57212

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

Population Served- 120 Service Connections- 68

Sources for Sinai

| Source | Name | Year Built | Depth (feet) | Diameter (inches) | Availability | Type | Vulnerability | Treatment |
|--------|----------------------|------------|--------------|-------------------|--------------|-----------------|----------------|------------------------------|
| 01 | #1-EAST | 1959 | 750 | 4 | Permanent | Groundwater | Non-Vulnerable | Treatment At Plant |
| 02 | #2-WEST | 1967 | 750 | 4 | Permanent | Groundwater | Non-Vulnerable | Treatment At Plant |
| 03 | TREAT SITE FOR #1/#2 | | | | Permanent | Treatment Plant | Non-Vulnerable | Disinfection - Hypochlorites |

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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 | 10/19/93 | 1766 | 2725 | 7.89 | 396 | 0 | 618 | 15.1 | 50.3 | 20.4 | 0.75 | 0.28 | 93.0 | 1017 | 483 | 0 | 210 | +0.69 | 0.2 | 1.51 |

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|----------|---------|----------|------|-------------|------|-------|-------|-----|------|------|------|------|------|------|-----|------|-----|----------|----------|-----|------|
| 03 | Treated | 01/09/96 | 1874 | 2640 | 0.00 | 412 | 0 | 581 | 15.1 | 47.0 | 18.3 | 0.57 | 0.02 | 92.4 | 928 | 503 | 0 | 193 | +0.46 | 0.2 | 1.48 |
| 02 | Treated | 07/15/81 | 1879 | 2756 | 7.51 | 395 | 0 | 574 | 14.2 | 43.4 | 16.2 | 1.16 | 0.04 | 84.4 | 835 | 481 | 0 | 175 | -0.14 | 0.1 | 1.41 |
| 03 | Treated | 02/17/99 | 1899 | 2480 | 7.79 | 402 | 0 | 560 | 15.2 | 45.7 | 16.8 | 0.40 | 0.03 | 87.6 | 883 | 490 | 0 | 183 | +0.33 | 0.3 | 1.54 |
| 03 | Treated | 09/20/01 | 1874 | 2820 | 0.00 | 398 | 0 | 570 | 14.9 | 47.8 | 17.1 | 0.25 | 0.04 | 92.0 | 856 | 486 | 0 | 190 | +0.46 | 0.1 | 1.51 |
| 03 | Treated | 04/26/05 | 1881 | 2680 | 7.83 | 412 | 0 | 572 | 15.7 | 38.5 | 14.9 | 0.48 | 0.02 | 94.0 | 875 | 503 | 0 | 157 | +0.31 | 0.2 | 1.53 |
| 03 | Treated | 04/29/08 | 1882 | 2580 | 7.86 | 410 | 0 | 573 | 15.2 | 47.5 | 15.3 | 0.54 | 0.02 | 89.0 | 924 | 500 | 0 | 182 | +0.43 | 0.2 | 1.55 |
| 03 | Treated | 05/03/11 | 1896 | 2820 | 7.64 | 401 | 0 | 540 | 13.4 | 52.6 | 23.2 | 0.42 | 0.13 | 89.0 | 903 | 489 | 0 | 227 | +0.24 | 0.2 | 1.55 |
| Averages | | | 1884 | 2682 | 5.52 | 404 | 0 | 567 | 14.8 | 46.1 | 17.4 | 0.55 | 0.04 | 89.8 | 886 | 493 | 0 | 187 | | 0.2 | 1.51 |