

# Maxwell Colony Drinking Water Information

## (System Information, Sampling Requirements, and Compliance Report)

**This system is not a candidate for an award:**

Violation

|  |   |                            |                               |
|--|---|----------------------------|-------------------------------|
| <b>Population Served:</b>  | 220   | <b>System Population:</b>  | 220                           |
| <b>Certified Operator:</b>   | Mr Herb Wipf<br>42805 Maxwell Road<br>Scotland, SD 57059-7200 | <b>Work Phone:</b>         | (605)583-2821                 |
|  |   | <b>Home Phone:</b>         | (605)583-2861                 |
|  |   | <b>Cell Phone:</b>         |                               |
|  |   | <b>Fax:</b>                | (605)583-4538                 |
|  |   | <b>Email:</b>              | maxwellelectric@gwtc.net      |
| <b>Financial Contact:</b>  | Mr Mark Hofer<br>42805 Maxwell Road<br>Scotland, SD 57059     | <b>Work Phone:</b>         | (605)583-2861                 |
|  |   | <b>Home Phone:</b>         |                               |
|  |   | <b>Cell Phone:</b>         |                               |
|  |   | <b>Fax:</b>                |                               |
|  |   | <b>Email:</b>              |                               |
| <b>Other Contacts:</b>   | Mr Jeff Sveen<br>PO Box 490<br>Aberdeen, SD 57402-0490        | <b>Work Phone:</b>         |                               |
|  |   | <b>Home Phone:</b>         |                               |
|  |   | <b>Cell Phone:</b>         |                               |
|  |   | <b>Fax:</b>                |                               |
|  |   | <b>Email:</b>              |                               |
| <b>Last Inspection:</b>  | June 5, 2017  |                            |                               |
| <b>Type of System:</b>   | Community   | <b>Area Served:</b>        | Bon Homme County              |
| <b>Number of Service Connections:</b>                                    | 34  | <b>Contamination Risk:</b> | low                           |
| <b>Water Produced And Used By The Maxwell Colony Public Water System</b> |   |                            |                               |
| <b>PWS Owner Type:</b>   | Private Ownership   | <b>Service Area:</b>       | Housing Development           |
| <b>Contract Laboratory:</b>  |   |                            | Sioux Falls Health Laboratory |

# Monitoring/Reporting - Entry Point

**Maxwell Colony**

**EPA ID: 2023**

## SAMPLING

Entry point: #1 - Turkey Well

|   | Chemical               | Sampling Frequency | Waivers | Taken Last | Due Next | Notes             |
|---|------------------------|--------------------|---------|------------|----------|-------------------|
| 1 | Inorganic Chemicals    |                    |         |            |          |                   |
|   | A. Antimony            | Triennially        | No      | Dec-15     |          |                   |
|   | B. Arsenic             | Triennially        | No      | Dec-15     |          |                   |
|   | C. Barium              | Triennially        | No      | Dec-15     |          |                   |
|   | D. Beryllium           | Triennially        | No      | Dec-15     |          |                   |
|   | E. Cadmium             | Triennially        | No      | Dec-15     |          |                   |
|   | F. Chromium            | Triennially        | No      | Dec-15     |          |                   |
|   | G. Cyanide             |                    | Yes     |            |          | State-wide waiver |
|   | H. Fluoride            | Triennially        | No      | Dec-15     |          |                   |
|   | I. Mercury             | Triennially        | No      | Dec-15     |          |                   |
|   | J. Nickel              | Triennially        | No      | Dec-15     |          |                   |
|   | K. Selenium            | Triennially        | No      | Dec-15     |          |                   |
|   | L. Thallium            | Triennially        | No      | Dec-15     |          |                   |
| 2 | Radiological Chemicals | Every six years    | N/A     |            |          |                   |
| 3 | VOC Chemicals          | Quarterly          | No      | Feb-14     | 2019     |                   |
| 4 | SOC Chemicals          |                    |         |            |          |                   |
|   | A. Method 515.1        | Not Required       | Yes     |            |          |                   |
|   | B. Method 524          | Not Required       | Yes     |            |          |                   |
|   | C. Method 525          | Not Required       | Yes     |            |          |                   |
|   | D. Method 531.1        | Not Required       | Yes     |            |          |                   |
|   | E. Method 547          | Not Required       | Yes     |            |          |                   |
|   | F. Method 548          | Not Required       | Yes     |            |          |                   |
|   | G. Method 549          | Not Required       | Yes     |            |          |                   |
| 5 | Nitrate                | Annually           | N/A     | Nov-17     |          |                   |
| 6 | Nitrite                | Triennially        | N/A     | Dec-15     |          |                   |

(These values are calculated from available data. Check correspondence for verification.)

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### Bacteriological Monitoring

Bacteriological sampling and analysis: January 1, 2017 to January 1, 2018

|   |                      |                               |
|---|----------------------|-------------------------------|
| A | Samples submitted:   | <u>14</u>                     |
| B | Samples required:    | <u>One Sample Each Month.</u> |
| C | Survey samples:      | <u>0</u>                      |
| D | Safe samples:        | <u>13</u>                     |
| E | Unsafe samples:      | <u>1</u>                      |
| F | Repeat samples:      | <u>3</u>                      |
| H | Groundwater Samples: | <u></u>                       |

### Lead and Copper Monitoring

(These values are calculated from available data. Check correspondence for verification.)

|   |                    |                                     |
|---|--------------------|-------------------------------------|
| A | Date Last Tested:  | <u>August 30, 2016</u>              |
| B | Samples required:  | <u>5</u>                            |
| C | Sampling Frequency | <u>Triennially</u>                  |
| D | Date Due Next      | <u>2019</u>                         |
| E | Lead - 90% Level   | <u>1.4</u> Action Level - 15 ug/l   |
| F | Copper 90% Level   | <u>0.03</u> Action Level - 1.3 mg/l |

### Disinfectant Residual Monitoring

Residual sampling and analysis:  to

|   |                         |                 |
|---|-------------------------|-----------------|
| A | Samples submitted:      | <u>No Tests</u> |
| B | Samples required:       | <u></u>         |
| C | Last Qtr Cl Residual:   | <u></u> mg/l    |
| D | Running Annual Average: | <u></u> mg/l    |
| E | Date of last DBP test:  | <u>No Tests</u> |
| F | THM - Qtr Average:      | <u></u> ug/l    |
| G | Haa5 - Qtr Average:     | <u></u> ug/l    |

### Asbestos

|   |                    |                                      |
|---|--------------------|--------------------------------------|
| A | Date of last test: | <u>Waiver - Testing Not Required</u> |
| B | Asbestos Result:   | <u></u> million fibers per liter     |

Comments

# Violations and Significant Deficiencies

**Maxwell Colony**

**EPA ID: 2023**

Violations From January 1, 2013 To January 1, 2018

| Violation Type                      | Parameter               | Date       | Status                  |
|-------------------------------------|-------------------------|------------|-------------------------|
| Failure to Take Source Samples      | E. Coli                 | 02/11/2017 | Public Notice Requested |
|                                     | E. Coli                 |            | Public Notice Received  |
|                                     | E. Coli                 |            | Compliance Achieved     |
| E. Coli MCL                         | RTCR                    | 05/01/2016 | Public Notice Requested |
|                                     | RTCR                    |            | Compliance Achieved     |
|                                     | RTCR                    |            | Public Notice Received  |
| Sanitary Survey                     |                         | 06/21/2014 | Intentional No-Action   |
|                                     |                         |            | Compliance Achieved     |
| Routine Sample Monitoring Violation | Total Coliform Bacteria | 10/01/2014 | Public Notice Requested |
|                                     | Bacteriological         |            | Compliance Achieved     |
|                                     | Bacteriological         |            | Public Notice Received  |

| Significant Deficiency | Date Identified | Date Corrected |
|------------------------|-----------------|----------------|
|                        |                 |                |
|                        |                 |                |