

# Pleasant Valley Colony Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



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

*Operator Certification , Violation*

|  |  |                            |                               |
|--|--|----------------------------|-------------------------------|
| <b>Population Served:</b>  | 104  | <b>System Population:</b>  | 104                           |
| <b>Certified Operator:</b>   | Mr Andrew Tschetter<br>22941 487th Avenue<br>Flandreau, SD 57028 | <b>Work Phone:</b>         | (605)997-3162                 |
|  |  | <b>Home Phone:</b>         | (605)997-2282                 |
|  |  | <b>Cell Phone:</b>         |                               |
|  |  | <b>Fax:</b>                | (605)997-3162                 |
|  |  | <b>Email:</b>              | robpv79@gmail.com             |
| <b>Financial Contact:</b>  | Mr Cris Hofer<br>22941 487th Avenue<br>Flandreau, SD 57028       | <b>Work Phone:</b>         | (605)997-3162                 |
|  |  | <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>  | April 8, 2015  |                            |                               |
| <b>Type of System:</b>   | Community  | <b>Area Served:</b>        | Moody County                  |
| <b>Number of Service Connections:</b>  | 11   | <b>Contamination Risk:</b> | moderate                      |
| <b>Water Produced And Used By The Pleasant Valley 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

Pleasant Valley Colony

EPA ID: 2086

## SAMPLING

Entry point: Entry Point Well #4/#5

|   | Chemical               | Sampling Frequency | Waivers | Taken Last | Due Next | Notes             |
|---|------------------------|--------------------|---------|------------|----------|-------------------|
| 1 | Inorganic Chemicals    |                    |         |            |          |                   |
|   | A. Antimony            | Every nine years   | Yes     | Dec-12     |          |                   |
|   | B. Arsenic             | Every nine years   | Yes     | Dec-12     |          |                   |
|   | C. Barium              | Every nine years   | Yes     | Dec-12     |          |                   |
|   | D. Beryllium           | Every nine years   | Yes     | Dec-12     |          |                   |
|   | E. Cadmium             | Every nine years   | Yes     | Dec-12     |          |                   |
|   | F. Chromium            | Every nine years   | Yes     | Dec-12     |          |                   |
|   | G. Cyanide             |                    | Yes     |            |          | State-wide waiver |
|   | H. Fluoride            | Every nine years   | Yes     | Dec-12     |          |                   |
|   | I. Mercury             | Every nine years   | Yes     | Dec-12     |          |                   |
|   | J. Nickel              | Every nine years   | Yes     | Dec-12     |          |                   |
|   | K. Selenium            | Every nine years   | Yes     | Dec-12     |          |                   |
|   | L. Thallium            | Every nine years   | Yes     | Dec-12     |          |                   |
| 2 | Radiological Chemicals | Every six years    | N/A     |            |          |                   |
| 3 | VOC Chemicals          |                    | No      | Jan-14     |          |                   |
| 4 | SOC Chemicals          |                    |         |            |          |                   |
|   | A. Method 515.1        | Triennially        | No      | Dec-13     | 2016     |                   |
|   | B. Method 524          | Not Required       | Yes     |            |          |                   |
|   | C. Method 525          | Triennially        | No      | Dec-13     | 2016     |                   |
|   | D. Method 531.1        | Not Required       | Yes     |            |          |                   |
|   | E. Method 547          | Triennially        | No      | Dec-13     | 2016     |                   |
|   | F. Method 548          | Not Required       | Yes     |            |          |                   |
|   | G. Method 549          | Not Required       | Yes     |            |          |                   |
| 5 | Nitrate                | Annually           | N/A     | Jan-16     |          |                   |
| 6 | Nitrite                | Triennially        | N/A     | Jan-16     |          |                   |

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

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### Bacteriological Monitoring

Bacteriological sampling and analysis: October 1, 2015 to October 1, 2016

|   |                      |                               |
|---|----------------------|-------------------------------|
| A | Samples submitted:   | <u>11</u>                     |
| B | Samples required:    | <u>One Sample Each Month.</u> |
| C | Survey samples:      | <u>0</u>                      |
| D | Safe samples:        | <u>11</u>                     |
| E | Unsafe samples:      | <u>0</u>                      |
| F | Repeat samples:      | <u>0</u>                      |
| H | Groundwater Samples: |                               |

### Lead and Copper Monitoring

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

|   |                    |                                     |
|---|--------------------|-------------------------------------|
| A | Date Last Tested:  | <u>September 8, 2016</u>            |
| B | Samples required:  | <u>5</u>                            |
| C | Sampling Frequency | <u>Triennially</u>                  |
| D | Date Due Next      | <u>2016</u>                         |
| E | Lead - 90% Level   | <u>1.6</u> Action Level - 15 ug/l   |
| F | Copper 90% Level   | <u>2.75</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:       |                 |
| 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

Pleasant Valley Colony

EPA ID: 2086

Violations From October 1, 2011 To October 1, 2016

| Violation Type                            | Parameter                         | Date       | Status                  |
|---|-----------------------------------|------------|-------------------------|
| Failure to Take Source Samples            | E. Coli                           | 04/15/2014 | Intentional No-Action   |
|   | E. Coli                           |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Toluene                    | 01/01/2013 | Public Notice Requested |
|   | VOCs - Toluene                    |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Trichloroethylene          | 01/01/2013 | Public Notice Requested |
|   | VOCs - Trichloroethylene          |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - 1,2 Dichloroethane         | 01/01/2013 | Public Notice Requested |
|   | VOCs - 1,2 Dichloroethane         |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - p-Dichlorobenzene          | 01/01/2013 | Public Notice Requested |
|   | VOCs - p-Dichlorobenzene          |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Benzene                    | 01/01/2013 | Public Notice Requested |
|   | VOCs - Benzene                    |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - 1,2 Dichloropropane        | 01/01/2013 | Public Notice Requested |
|   | VOCs - 1,2 Dichloropropane        |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - trans 1,2 Dichloroethylene | 01/01/2013 | Public Notice Requested |
|   | VOCs - trans 1,2 Dichloroethylene |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - o-Dichlorobenzene          | 01/01/2013 | Public Notice Requested |
|   | VOCs - o-Dichlorobenzene          |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Styrene                    | 01/01/2013 | Public Notice Requested |
|   | VOCs - Styrene                    |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Chlorobenzene              | 01/01/2013 | Public Notice Requested |
|   | VOCs - Chlorobenzene              |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Carbon Tetrachloride       | 01/01/2013 | Public Notice Requested |
|   | VOCs - Carbon Tetrachloride       |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - 1,1 Dichloroethylene       | 01/01/2013 | Public Notice Requested |
|   | VOCs - 1,1 Dichloroethylene       |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Total Xylenes              | 01/01/2013 | Public Notice Requested |
|   | VOCs - Total Xylenes              |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - 1,1,2 Trichloroethane      | 01/01/2013 | Public Notice Requested |
|   | VOCs - 1,1,2 Trichloroethane      |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - 1,2,4 Trichlorobenzene     | 01/01/2013 | Public Notice Requested |
|   | VOCs - 1,2,4 Trichlorobenzene     |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Dichloromethane            | 01/01/2013 | Public Notice Requested |
|   | VOCs - Dichloromethane            |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Ethylbenzene               | 01/01/2013 | Public Notice Requested |
|   | VOCs - Ethylbenzene               |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Tetrachloroethylene        | 01/01/2013 | Public Notice Requested |
|   | VOCs - Tetrachloroethylene        |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - 1,1,1 Trichloroethane      | 01/01/2013 | Public Notice Requested |
|   | VOCs - 1,1,1 Trichloroethane      |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - Vinyl Chloride             | 01/01/2013 | Public Notice Requested |
|   | VOCs - Vinyl Chloride             |            | Compliance Achieved     |
| Failure to Monitor                        | VOCs - cis 1,2 Dichloroethylene   | 01/01/2013 | Public Notice Requested |
|   | VOCs - cis 1,2 Dichloroethylene   |            | Compliance Achieved     |
| Exceedance of Allowable Contaminant Level | Total Coliform Bacteria           | 11/01/2013 | Public Notice Requested |
|   | Bacteriological                   |            | Compliance Achieved     |
|   | Bacteriological                   |            | Public Notice Received  |
| Exceedance of Allowable Contaminant Level | Total Coliform Bacteria           | 05/01/2012 | Public Notice Requested |
|   | Bacteriological                   |            | Compliance Achieved     |

|  |                 |  |                        |
|--|-----------------|--|------------------------|
|  | Bacteriological |  | Public Notice Received |
|--|-----------------|--|------------------------|

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