

Clay Rural Water System Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



Secretary Award For Drinking Water Excellence

| | | | |
|---------------------------------------|---|----------------------------|----------------------------------|
| Population Served: | 5,150 | System Population: | 4,395 |
| Certified Operator: | Mr Greg Merrigan 30376 SD Highway 19 Wakonda, SD 57073-6416 | Work Phone: | (605)267-2088 |
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| Financial Contact: | Mr Greg Merrigan 30376 SD Highway 19 Wakonda, SD 57073-6416 | Work Phone: | (605)267-2088 |
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| | | Email: | greg.merrigan@clayruralwater.com |
| Other Contacts: | | | |
| Last Inspection: | July 13, 2016 | | |
| Type of System: | Community | Area Served: | Clay, Union County |
| Number of Service Connections: | 1,850 | Contamination Risk: | moderate |
| Water Sold To: | | | Gayville, Wakonda |
| PWS Owner Type: | Private Ownership | Service Area: | Rural Water System/Colonies |
| Contract Laboratory: | | | State Health Lab, Pierre |

Monitoring/Reporting - Entry Point

Clay Rural Water System

EPA ID: 0626

SAMPLING

Entry point: Treatment Plant

| | Chemical | Sampling Frequency | Waivers | Taken Last | Due Next | Notes |
|---|------------------------|--------------------|---------|------------|----------|-------------------------|
| 1 | Inorganic Chemicals | | | | | |
| | A. Antimony | Every nine years | Yes | Nov-12 | | |
| | B. Arsenic | Every nine years | Yes | Nov-12 | | |
| | C. Barium | Every nine years | Yes | Nov-12 | | |
| | D. Beryllium | Every nine years | Yes | Nov-12 | | |
| | E. Cadmium | Every nine years | Yes | Nov-12 | | |
| | F. Chromium | Every nine years | Yes | Nov-12 | | |
| | G. Cyanide | | Yes | | | State-wide waiver |
| | H. Fluoride | | No | | | This system fluoridates |
| | I. Mercury | Every nine years | Yes | Nov-12 | | |
| | J. Nickel | Every nine years | Yes | Nov-12 | | |
| | K. Selenium | Every nine years | Yes | Nov-12 | | |
| | L. Thallium | Every nine years | Yes | Nov-12 | | |
| 2 | Radiological Chemicals | Every nine years | N/A | | | |
| 3 | VOC Chemicals | | No | May-15 | | |
| 4 | SOC Chemicals | | | | | |
| | A. Method 515.1 | Triennially | No | Sep-15 | 2018 | |
| | B. Method 524 | Triennially | No | Sep-15 | 2018 | |
| | C. Method 525 | Triennially | No | Sep-15 | 2018 | |
| | D. Method 531.1 | Triennially | No | Sep-15 | 2018 | |
| | E. Method 547 | Triennially | No | Sep-15 | 2018 | |
| | F. Method 548 | Triennially | No | Sep-15 | 2018 | |
| | G. Method 549 | Triennially | No | Sep-15 | 2018 | |
| 5 | Nitrate | Annually | N/A | Jul-16 | | |
| 6 | Nitrite | Triennially | N/A | Jul-15 | | |

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

Bacteriological Monitoring

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

| | | |
|---|----------------------|---------------------------------|
| A | Samples submitted: | <u>60</u> |
| B | Samples required: | <u>Five Samples Each Month.</u> |
| C | Survey samples: | <u>0</u> |
| D | Safe samples: | <u>60</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>July 22, 2015</u> |
| B | Samples required: | <u>20</u> |
| C | Sampling Frequency | <u>Triennially</u> |
| D | Date Due Next | <u>2015</u> |
| E | Lead - 90% Level | <u>0.5</u> Action Level - 15 ug/l |
| F | Copper 90% Level | <u>0.02</u> Action Level - 1.3 mg/l |

Disinfectant Residual Monitoring

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

| | | |
|---|-------------------------|---------------------------------|
| A | Samples submitted: | <u>60</u> |
| B | Samples required: | <u>Five Samples Each Month.</u> |
| C | Last Qtr Cl Residual: | <u>0.86</u> mg/l |
| D | Running Annual Average: | <u>0.87</u> mg/l |
| E | Date of last DBP test: | <u>August 4, 2015</u> |
| F | THM - Qtr Average: | <u>29.3</u> ug/l |
| G | Haa5 - Qtr Average: | <u>3.81</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

Clay Rural Water System

EPA ID: 0626

Violations From

October 1, 2011

To

October 1, 2016

| Violation Type | Parameter | Date | Status |
|----------------|-----------|------|--------|
| No Violations | | | |
| | | | |

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