

Clay RWS/South Union Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



Secretary Award For Drinking Water Excellence

Population Served: 965 **System Population:** 965

Certified Operator: Mr Greg Merrigan
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Wakonda, SD 57073
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Home Phone: (605)624-5126
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Other Contacts:

Last Inspection: May 22, 2015

Type of System: Community **Area Served:** Union County

Number of Service Connections: 400 **Contamination Risk:** low

Water Produced And Used By The Clay RWS/South Union Public Water System

PWS Owner Type: Private Ownership **Service Area:** Rural Water System/Colonies

Contract Laboratory: State Health Lab, Pierre

Monitoring/Reporting - Entry Point

Clay RWS/South Union

EPA ID: 2185

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-13		
	B. Arsenic	Every nine years	Yes	Apr-13		
	C. Barium	Every nine years	Yes	Apr-13		
	D. Beryllium	Every nine years	Yes	Apr-13		
	E. Cadmium	Every nine years	Yes	Apr-13		
	F. Chromium	Every nine years	Yes	Apr-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-13		
	J. Nickel	Every nine years	Yes	Apr-13		
	K. Selenium	Every nine years	Yes	Apr-13		
	L. Thallium	Every nine years	Yes	Apr-13		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Aug-15		
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	Sep-06		
6	Nitrite	Triennially	N/A	Aug-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>12</u>
B Samples required:	<u>One Sample Each Month.</u>
C Survey samples:	<u>0</u>
D Safe samples:	<u>12</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>August 18, 2016</u>
B Samples required:	<u>10</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2016</u>
E Lead - 90% Level	<u>1</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.24</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>12</u>
B Samples required:	<u>One Sample Each Month.</u>
C Last Qtr Cl Residual:	<u>0.78</u> mg/l
D Running Annual Average:	<u>0.87</u> mg/l
E Date of last DBP test:	<u>August 12, 2015</u>
F THM - Qtr Average:	<u>14</u> ug/l
G Haa5 - Qtr Average:	<u>2.98</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 RWS/South Union

EPA ID: 2185

Violations From **October 1, 2011** To **October 1, 2016**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected