

Tri-County Rural Water System Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served:	8,042	System Population:	2,880
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Last Inspection:	June 24, 2013		
Type of System:	Community	Area Served:	Dewey, Meade, Ziebach County
Number of Service Connections:	1,152	Contamination Risk:	moderate
Water Sold To:			Dupree, Eagle Butte, Faith, Isabel
PWS Owner Type:	Private Ownership	Service Area:	Rural Water System/Colonies
Contract Laboratory:			State Health Lab, Pierre

Monitoring/Reporting - Entry Point

Tri-County Rural Water System

EPA ID: 0112

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Dec-11		
	B. Arsenic	Every nine years	Yes	Dec-11		
	C. Barium	Every nine years	Yes	Dec-11		
	D. Beryllium	Every nine years	Yes	Dec-11		
	E. Cadmium	Every nine years	Yes	Dec-11		
	F. Chromium	Every nine years	Yes	Dec-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Dec-11		
	J. Nickel	Every nine years	Yes	Dec-11		
	K. Selenium	Every nine years	Yes	Dec-11		
	L. Thallium	Every nine years	Yes	Dec-11		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Triennially	Yes	Nov-14		Surface Water Waiver
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Sep-14	2017	
	B. Method 524	Triennially	No	Sep-14	2017	
	C. Method 525	Triennially	No	Sep-14	2017	
	D. Method 531.1	Triennially	No	Sep-14	2017	
	E. Method 547	Triennially	No	Sep-14	2017	
	F. Method 548	Triennially	No	Sep-14	2017	
	G. Method 549	Triennially	No	Sep-14	2017	
5	Nitrate	Annually-2nd Qtr	N/A	May-16		
6	Nitrite	Triennially	N/A	May-16		

(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>36</u>
B	Samples required:	<u>Three Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>36</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 1, 2014</u>
B	Samples required:	<u>10</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2014</u>
E	Lead - 90% Level	<u>1.3</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.07</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>36</u>
B	Samples required:	<u>Three Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>1.68</u> mg/l
D	Running Annual Average:	<u>1.44</u> mg/l
E	Date of last DBP test:	<u>April 4, 2016</u>
F	THM - Qtr Average:	<u>25.9</u> ug/l
G	Haa5 - Qtr Average:	<u>23.6</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

Tri-County Rural Water System

EPA ID: 0112

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

Violation Type	Parameter	Date	Status
Sanitary Survey		05/19/2013	Intentional No-Action
			Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected