

Viewfield Rural Water System Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)

This system is not a candidate for an award:

Violation

Population Served:	150	System Population:	150
Certified Operator:	Mr Ed Striebel 7005 Timberline Road Black Hawk, SD 57718	Work Phone:	(605)787-5653
		Home Phone:	(605)787-5653
		Cell Phone:	
		Fax:	(605)787-5653
		Email:	estriebe@rap.midco.net
Financial Contact:	Ms. Donna Niederwerder 16195 Pioneer Road New Underwood, SD 57761	Work Phone:	
		Home Phone:	754-6194
		Cell Phone:	
		Fax:	
		Email:	galeng@gwtc.net
Other Contacts:	Mr Larry Gossard 22014 New Underwood Road New Underwood, SD 57761	Work Phone:	754-6760
		Home Phone:	754-6527
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	April 18, 2017		
Type of System:	Community	Area Served:	Meade County
Number of Service Connections:	71	Contamination Risk:	low
Water Produced And Used By The Viewfield Rural Water System Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	Rural Water System/Colonies
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Viewfield Rural Water System

EPA ID: 2287

SAMPLING

Entry point: Treat Site - South Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Dec-15		
	B. Arsenic	Every nine years	Yes	Dec-15		
	C. Barium	Every nine years	Yes	Dec-15		
	D. Beryllium	Every nine years	Yes	Dec-15		
	E. Cadmium	Every nine years	Yes	Dec-15		
	F. Chromium	Every nine years	Yes	Dec-15		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Dec-15		
	I. Mercury	Every nine years	Yes	Dec-15		
	J. Nickel	Every nine years	Yes	Dec-15		
	K. Selenium	Every nine years	Yes	Dec-15		
	L. Thallium	Every nine years	Yes	Dec-15		
2	Radiological Chemicals	Triennially	N/A			
3	VOC Chemicals	Quarterly	No	Sep-16	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	Sep-17		
6	Nitrite	Triennially	N/A	Nov-15		

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

Monitoring/Reporting - Entry Point

Viewfield Rural Water System

EPA ID: 2287

SAMPLING

Entry point: Treat Site - West Well #2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Dec-15		
	B. Arsenic	Every nine years	Yes	Dec-15		
	C. Barium	Every nine years	Yes	Dec-15		
	D. Beryllium	Every nine years	Yes	Dec-15		
	E. Cadmium	Every nine years	Yes	Dec-15		
	F. Chromium	Every nine years	Yes	Dec-15		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Dec-15		
	I. Mercury	Every nine years	Yes	Dec-15		
	J. Nickel	Every nine years	Yes	Dec-15		
	K. Selenium	Every nine years	Yes	Dec-15		
	L. Thallium	Every nine years	Yes	Dec-15		
2	Radiological Chemicals	Quarterly	N/A			
3	VOC Chemicals	Quarterly	No	Sep-16	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	Apr-17		
6	Nitrite	Triennially	N/A	Dec-15		

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

Bacteriological Monitoring

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

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 22, 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>1.5</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.08</u> Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

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

A	Samples submitted:	<u>12</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.5</u> mg/l
D	Running Annual Average:	<u>0.83</u> mg/l
E	Date of last DBP test:	<u>September 8, 2016</u>
F	THM - Qtr Average:	<u>0</u> ug/l
G	Haa5 - Qtr Average:	<u>0</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

Viewfield Rural Water System

EPA ID: 2287

Violations From January 1, 2013

To

January 1, 2018

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Combined Radium	10/01/2017	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	07/01/2017	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	04/01/2017	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	01/01/2017	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	10/01/2016	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	07/01/2016	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	04/01/2016	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	01/01/2016	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Alpha Emitters	01/01/2016	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	10/01/2015	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	07/01/2015	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	04/01/2015	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	01/01/2015	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	10/01/2014	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	07/01/2014	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Alpha Emitters	07/01/2014	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	01/01/2014	Public Notice Requested

	Combined Radium		Public Notice Received
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty

Significant Deficiency	Date Identified	Date Corrected