

Rainbow Water Company Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



This system is not a candidate for an award:

Violation

Population Served: 258 **System Population:** 258

Certified Operator: Mr Bob Powles
7963 Deerview Road
Piedmont, SD 57769

Work Phone:
Home Phone: (605)787-5261
Cell Phone:
Fax: (605)787-5271
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Financial Contact: Mr Royal Nielsen
9469 Deerview Road
Piedmont, SD 57769

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Home Phone: (605)787-9815
Cell Phone:
Fax: (605)786-0323
Email:

Other Contacts:

Last Inspection: September 18, 2014

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

Number of Service Connections: 103 **Contamination Risk:** moderate

Water Produced And Used By The Rainbow Water Company Public Water System

PWS Owner Type: Private Ownership **Service Area:** Housing Development

Contract Laboratory: Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Rainbow Water Company

EPA ID: 2216

SAMPLING

Entry point: Treat Site - Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Aug-14		
	B. Arsenic	Triennially	No	Aug-14		
	C. Barium	Triennially	No	Aug-14		
	D. Beryllium	Triennially	No	Aug-14		
	E. Cadmium	Triennially	No	Aug-14		
	F. Chromium	Triennially	No	Aug-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Aug-14		
	I. Mercury	Triennially	No	Aug-14		
	J. Nickel	Triennially	No	Aug-14		
	K. Selenium	Triennially	No	Aug-14		
	L. Thallium	Triennially	No	Aug-14		
2	Radiological Chemicals	Quarterly	N/A			
3	VOC Chemicals	Triennially	No	Aug-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Aug-16	2019	
	B. Method 524	Triennially	No	Aug-16	2019	
	C. Method 525	Triennially	No	Aug-16	2019	
	D. Method 531.1	Triennially	No	Aug-16	2019	
	E. Method 547	Triennially	No	Aug-16	2019	
	F. Method 548	Triennially	No	Aug-16	2019	
	G. Method 549	Triennially	No	Aug-16	2019	
5	Nitrate	Annually	N/A	Aug-16		
6	Nitrite	Triennially	N/A	Aug-16		

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

Bacteriological Monitoring

Bacteriological sampling and analysis: July 1, 2016 to July 1, 2017

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 11, 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>3</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.03</u> Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: July 1, 2016 to July 1, 2017

A	Samples submitted:	<u>12</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Last Qtr Cl Residual:	<u>1.2</u> mg/l
D	Running Annual Average:	<u>1.34</u> mg/l
E	Date of last DBP test:	<u>August 1, 2016</u>
F	THM - Qtr Average:	<u>14.6</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

Rainbow Water Company

EPA ID: 2216

Violations From July 1, 2012 To July 1, 2017

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Alpha Emitters	04/01/2017	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		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	Alpha Emitters	01/01/2017	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Alpha Emitters	10/01/2016	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
Exceedance of Allowable Contaminant Level	Combined Radium	10/01/2016	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	Alpha Emitters	07/01/2016	Public Notice Requested
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	Alpha Emitters		Public Notice Received
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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
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Lack of Certified Operator	Certified Operator	02/01/2015	Reminder Notice

	DBP		Compliance Achieved
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Significant Deficiency	Date Identified	Date Corrected