

Sunset Ranch Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served:	150	System Population:	150
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		Fax:	
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Financial Contact:	Mr Al Sage 5310 Ebony Place Piedmont, SD 57769	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	msagebrush@aol.com
Other Contacts:	Mr Ryan Kaski 1935 Samco Road Rapid City, SD 57702	Work Phone:	
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Last Inspection:	March 13, 2017		
Type of System:	Community	Area Served:	Pennington County
Number of Service Connections:	55	Contamination Risk:	low
Water Produced And Used By The Sunset Ranch Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	Housing Development
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Sunset Ranch

EPA ID: 2263

SAMPLING

Entry point: Treat Site - Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Jan-18		
	B. Arsenic	Triennially	No	Jan-18		
	C. Barium	Triennially	No	Jan-18		
	D. Beryllium	Triennially	No	Jan-18		
	E. Cadmium	Triennially	No	Jan-18		
	F. Chromium	Triennially	No	Jan-18		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Jan-18		
	I. Mercury	Triennially	No	Jan-18		
	J. Nickel	Triennially	No	Jan-18		
	K. Selenium	Triennially	No	Jan-18		
	L. Thallium	Triennially	No	Jan-18		
2	Radiological Chemicals	Annually	N/A			
3	VOC Chemicals	Quarterly	No	Feb-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Feb-16	2019	
	B. Method 524	Triennially	No	Feb-16	2019	
	C. Method 525	Triennially	No	Feb-16	2019	
	D. Method 531.1	Triennially	No	Feb-16	2019	
	E. Method 547	Triennially	No	Feb-16	2019	
	F. Method 548	Triennially	No	Feb-16	2019	
	G. Method 549	Triennially	No	Feb-16	2019	
5	Nitrate	Annually	N/A	Jan-18		
6	Nitrite	Triennially	N/A	Jan-18		

(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>September 15, 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>2</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.055</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>1.34</u> mg/l
D	Running Annual Average:	<u>0.93</u> mg/l
E	Date of last DBP test:	<u>September 15, 2016</u>
F	THM - Qtr Average:	<u>3.04</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

Sunset Ranch

EPA ID: 2263

Violations From January 1, 2013 To January 1, 2018

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Alpha Emitters	01/01/2014	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
	Alpha Emitters		Compliance Achieved
Exceedance of Allowable Contaminant Level	Combined Radium	01/01/2014	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
	Combined Radium		Compliance Achieved
	Alpha Emitters		Public Notice Received
Exceedance of Allowable Contaminant Level	Combined Radium	10/01/2013	Public Notice Requested
	Combined Radium		State Action-No Penalty
	Alpha Emitters		Compliance Achieved
	Combined Radium		Public Notice Received
Exceedance of Allowable Contaminant Level	Alpha Emitters	10/01/2013	Public Notice Requested
	Alpha Emitters		State Action-No Penalty
	Combined Radium		Compliance Achieved
Exceedance of Allowable Contaminant Level	Alpha Emitters	07/01/2013	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
	Alpha Emitters		Compliance Achieved
Exceedance of Allowable Contaminant Level	Combined Radium	07/01/2013	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
	Combined Radium		Compliance Achieved
Exceedance of Allowable Contaminant Level	Combined Radium	04/01/2013	Public Notice Requested
	Combined Radium		Public Notice Received
	Combined Radium		State Action-No Penalty
	Combined Radium		Compliance Achieved
Exceedance of Allowable Contaminant Level	Alpha Emitters	04/01/2013	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
	Alpha Emitters		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected