

# Sunset Ranch Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



## 2015 Certificate of Achievement Award.

<b>Population Served:</b>	150	<b>System Population:</b>	150
<b>Certified Operator:</b>	Mr Al Sage 5310 Ebony Place Piedmont, SD 57769	<b>Work Phone:</b>	(605)391-7483
		<b>Home Phone:</b>	(605)787-4681
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	msagebrush@aol.com
<b>Financial Contact:</b>	Mr Al Sage 5310 Ebony Place Piedmont, SD 57769	<b>Work Phone:</b>	
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	msagebrush@aol.com
<b>Other Contacts:</b>	Mr Ryan Kaski 1935 Samco Road Rapid City, SD 57702	<b>Work Phone:</b>	
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	
<b>Last Inspection:</b>	May 6, 2014		
<b>Type of System:</b>	Community	<b>Area Served:</b>	Pennington County
<b>Number of Service Connections:</b>	55	<b>Contamination Risk:</b>	low
<b>Water Produced And Used By The Sunset Ranch Public Water System</b>			
<b>PWS Owner Type:</b>	Private Ownership	<b>Service Area:</b>	Housing Development
<b>Contract Laboratory:</b>			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	May-15		
	B. Arsenic	Triennially	No	May-15		
	C. Barium	Triennially	No	May-15		
	D. Beryllium	Triennially	No	May-15		
	E. Cadmium	Triennially	No	May-15		
	F. Chromium	Triennially	No	May-15		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	May-15		
	I. Mercury	Triennially	No	May-15		
	J. Nickel	Triennially	No	May-15		
	K. Selenium	Triennially	No	May-15		
	L. Thallium	Triennially	No	May-15		
2	Radiological Chemicals	Annually	N/A			
3	VOC Chemicals		No	Feb-16		
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	Feb-16		
6	Nitrite	Triennially	N/A	May-15		

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

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### Bacteriological Monitoring

Bacteriological sampling and analysis: October 1, 2015 to October 1, 2016

A Samples submitted:	<u>14</u>
B Samples required:	<u>One Sample Each Month.</u>
C Survey samples:	<u>0</u>
D Safe samples:	<u>13</u>
E Unsafe samples:	<u>1</u>
F Repeat samples:	<u>3</u>
H Groundwater Samples:	

### Lead and Copper Monitoring

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

A Date Last Tested:	<u>July 21, 2013</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>0</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.06</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>14</u>
B Samples required:	<u>One Sample Each Month.</u>
C Last Qtr Cl Residual:	<u>1.03</u> mg/l
D Running Annual Average:	<u>0.94</u> mg/l
E Date of last DBP test:	<u>August 11, 2013</u>
F THM - Qtr Average:	<u>1.6</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

**Sunset Ranch**

**EPA ID: 2263**

Violations From October 1, 2011 To October 1, 2016

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
Exceedance of Allowable Contaminant Level	Combined Radium	01/01/2013	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	01/01/2013	Public Notice Requested
	Alpha Emitters		Public Notice Received
	Alpha Emitters		State Action-No Penalty
	Alpha Emitters		Compliance Achieved
Exceedance of Allowable Contaminant Level	Alpha Emitters	10/01/2012	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	10/01/2012	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	07/01/2012	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	07/01/2012	Public Notice Requested
	Alpha Emitters		Public Notice Received
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Significant Deficiency	Date Identified	Date Corrected