

# Pine Cliff Estates Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



## Secretary Award For Drinking Water Excellence

<b>Population Served:</b>	170	<b>System Population:</b>	170
<b>Certified Operator:</b>	Mr Ed Striebel 7005 Timberline Road Black Hawk, SD 57718	<b>Work Phone:</b>	(605)787-5653
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<b>Financial Contact:</b>	Mr Mike Hays 13031 Pine Cliff Drive Rapid City, SD 57702	<b>Work Phone:</b>	(605)343-5947
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<b>Other Contacts:</b>	Ms Vicky Franzen 13077 Timber Lane Rapid City, SD 57702	<b>Work Phone:</b>	
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		<b>Cell Phone:</b>	
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		<b>Email:</b>	
<b>Last Inspection:</b>	June 10, 2015		
<b>Type of System:</b>	Community	<b>Area Served:</b>	Pennington County
<b>Number of Service Connections:</b>	69	<b>Contamination Risk:</b>	moderate
<b>Water Produced And Used By The Pine Cliff Estates 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

Pine Cliff Estates

EPA ID: 0270

## SAMPLING

Entry point: Treat Site Well #1w/#2e

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Mar-12		
	B. Arsenic	Every nine years	Yes	Mar-12		
	C. Barium	Every nine years	Yes	Mar-12		
	D. Beryllium	Every nine years	Yes	Mar-12		
	E. Cadmium	Every nine years	Yes	Mar-12		
	F. Chromium	Every nine years	Yes	Mar-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Mar-12		
	I. Mercury	Every nine years	Yes	Mar-12		
	J. Nickel	Every nine years	Yes	Mar-12		
	K. Selenium	Every nine years	Yes	Mar-12		
	L. Thallium	Every nine years	Yes	Mar-12		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Nov-15		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-15	2018	
	B. Method 524	Triennially	No	Jul-15	2018	
	C. Method 525	Triennially	No	Jul-15	2018	
	D. Method 531.1	Triennially	No	Jul-15	2018	
	E. Method 547	Triennially	No	Jul-15	2018	
	F. Method 548	Triennially	No	Jul-15	2018	
	G. Method 549	Triennially	No	Jul-15	2018	
5	Nitrate	Annually	N/A	Aug-16		
6	Nitrite	Triennially	N/A	Oct-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>11</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>11</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 23, 2015</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2015</u>
E	Lead - 90% Level	<u>6.5</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.245</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>11</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.67</u> mg/l
D	Running Annual Average:	<u>0.84</u> mg/l
E	Date of last DBP test:	<u>September 15, 2015</u>
F	THM - Qtr Average:	<u>27.7</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

Pine Cliff Estates

EPA ID: 0270

Violations From

October 1, 2011

To

October 1, 2016

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected