

Pine Cliff Estates Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



Secretary Award For Drinking Water Excellence

Population Served: 170 **System Population:** 170

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Last Inspection: June 10, 2015

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

Number of Service Connections: 69 **Contamination Risk:** moderate

Water Produced And Used By The Pine Cliff Estates Public Water System

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

Contract Laboratory: 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	Quarterly	No	Nov-15	2018	
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	Sep-17		
6	Nitrite	Triennially	N/A	Oct-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>September 23, 2015</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2018</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: 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</u> mg/l
D	Running Annual Average:	<u>1</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 **January 1, 2013** To **January 1, 2018**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected