

Colonial Pine Hills Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served:	1,200	System Population:	1,200
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Other Contacts:	Mr Bob Truman 8251 Dunsmore Road Rapid City, SD 57702	Work Phone:	
		Home Phone:	
		Cell Phone:	
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Last Inspection:	June 6, 2014		
Type of System:	Community	Area Served:	Pennington County
Number of Service Connections:	426	Contamination Risk:	moderate
Water Produced And Used By The Colonial Pine Hills Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	Housing Development
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Colonial Pine Hills

EPA ID: 0263

SAMPLING

Entry point: Treat Site - Croyle 2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Dec-14		
	B. Arsenic	Triennially	No	Dec-14		
	C. Barium	Triennially	No	Dec-14		
	D. Beryllium	Triennially	No	Dec-14		
	E. Cadmium	Triennially	No	Dec-14		
	F. Chromium	Triennially	No	Dec-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Triennially	No	Dec-14		
	J. Nickel	Triennially	No	Dec-14		
	K. Selenium	Triennially	No	Dec-14		
	L. Thallium	Triennially	No	Dec-14		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Oct-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	Oct-15		
6	Nitrite	Triennially	N/A	Sep-16		

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

Monitoring/Reporting - Entry Point

Colonial Pine Hills

EPA ID: 0263

SAMPLING

Entry point: Treat Site - Conifer Well

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Nov-12		
	B. Arsenic	Every nine years	Yes	Nov-12		
	C. Barium	Every nine years	Yes	Nov-12		
	D. Beryllium	Every nine years	Yes	Nov-12		
	E. Cadmium	Every nine years	Yes	Nov-12		
	F. Chromium	Every nine years	Yes	Nov-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Nov-12		
	J. Nickel	Every nine years	Yes	Nov-12		
	K. Selenium	Every nine years	Yes	Nov-12		
	L. Thallium	Every nine years	Yes	Nov-12		
2	Radiological Chemicals	Triennially	N/A			
3	VOC Chemicals		No	Oct-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	Sep-16		
6	Nitrite	Triennially	N/A	Sep-16		

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

Monitoring/Reporting - Entry Point

Colonial Pine Hills

EPA ID: 0263

SAMPLING

Entry point: Treat Site - Nonanna

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Aug-10		
	B. Arsenic	Every nine years	Yes	Aug-10		
	C. Barium	Every nine years	Yes	Aug-10		
	D. Beryllium	Every nine years	Yes	Aug-10		
	E. Cadmium	Every nine years	Yes	Aug-10		
	F. Chromium	Every nine years	Yes	Aug-10		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Aug-10		
	J. Nickel	Every nine years	Yes	Aug-10		
	K. Selenium	Every nine years	Yes	Aug-10		
	L. Thallium	Every nine years	Yes	Aug-10		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Oct-09		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Apr-09	2012	
	B. Method 524	Triennially	No	Apr-09	2012	
	C. Method 525	Triennially	No	Apr-09	2012	
	D. Method 531.1	Triennially	No	Apr-09	2012	
	E. Method 547	Triennially	No	Apr-09	2012	
	F. Method 548	Triennially	No	Apr-09	2012	
	G. Method 549	Triennially	No	Apr-09	2012	
5	Nitrate	Annually	N/A	Sep-16		
6	Nitrite	Triennially	N/A	Sep-16		

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

Bacteriological Monitoring

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

A	Samples submitted:	<u>22</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>22</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 16, 2015</u>
B	Samples required:	<u>10</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2015</u>
E	Lead - 90% Level	<u>4</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.36</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>22</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>1.02</u> mg/l
D	Running Annual Average:	<u>1.05</u> mg/l
E	Date of last DBP test:	<u>June 28, 2016</u>
F	THM - Qtr Average:	<u>8.4</u> ug/l
G	Haa5 - Qtr Average:	<u>2.26</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

Colonial Pine Hills

EPA ID: 0263

Violations From

October 1, 2011

To

October 1, 2016

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected