

Monitoring/Reporting - Entry Point

Black Hills Water Distribution, LLC

EPA ID: 2144

SAMPLING

Entry point: Graf Well

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Nov-13		
	B. Arsenic	Every nine years	Yes	Nov-13		
	C. Barium	Every nine years	Yes	Nov-13		
	D. Beryllium	Every nine years	Yes	Nov-13		
	E. Cadmium	Every nine years	Yes	Nov-13		
	F. Chromium	Every nine years	Yes	Nov-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Nov-13		
	I. Mercury	Every nine years	Yes	Nov-13		
	J. Nickel	Every nine years	Yes	Nov-13		
	K. Selenium	Every nine years	Yes	Nov-13		
	L. Thallium	Every nine years	Yes	Nov-13		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Quarterly	No	Oct-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Oct-16	2019	
	B. Method 524	Triennially	No	Oct-16	2019	
	C. Method 525	Triennially	No	Oct-16	2019	
	D. Method 531.1	Triennially	No	Oct-16	2019	
	E. Method 547	Triennially	No	Oct-16	2019	
	F. Method 548	Triennially	No	Oct-16	2019	
	G. Method 549	Triennially	No	Oct-16	2019	
5	Nitrate	Annually	N/A	Dec-17		
6	Nitrite	Triennially	N/A	Nov-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>0</u>
B	Samples required:	<u></u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>0</u>
E	Unsafe samples:	<u>0</u>
F	Repeat samples:	<u>0</u>
H	Groundwater Samples:	<u></u>

Lead and Copper Monitoring

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

A	Date Last Tested:	<u>*bad date*</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Combined with another system</u>
D	Date Due Next	<u></u>
E	Lead - 90% Level	<u></u> Action Level - 15 ug/l
F	Copper 90% Level	<u></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>0</u>
B	Samples required:	<u></u>
C	Last Qtr Cl Residual:	<u>0.77</u> mg/l
D	Running Annual Average:	<u>0.85</u> mg/l
E	Date of last DBP test:	<u>August 30, 2004</u>
F	THM - Qtr Average:	<u>1.4</u> ug/l
G	Haa5 - Qtr Average:	<u>0.9</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

Black Hills Water Distribution, LLC

EPA ID: 2144

Violations From **January 1, 2013** To **January 1, 2018**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected