

Town of Buffalo Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served:	330	System Population:	330
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Last Inspection:	May 20, 2015		
Type of System:	Community	Area Served:	Harding County
Number of Service Connections:	240	Contamination Risk:	moderate
Water Produced And Used By The Town of Buffalo Public Water System			
PWS Owner Type:	Local Government	Service Area:	Municipality
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Town of Buffalo

EPA ID: 0078

SAMPLING

Entry point: Treat Site - Well #4

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-11		
	B. Arsenic	Every nine years	Yes	Aug-11		
	C. Barium	Every nine years	Yes	Aug-11		
	D. Beryllium	Every nine years	Yes	Aug-11		
	E. Cadmium	Every nine years	Yes	Aug-11		
	F. Chromium	Every nine years	Yes	Aug-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Aug-11		
	I. Mercury	Every nine years	Yes	Aug-11		
	J. Nickel	Every nine years	Yes	Aug-11		
	K. Selenium	Every nine years	Yes	Aug-11		
	L. Thallium	Every nine years	Yes	Aug-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Jul-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jun-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jun-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jun-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Not Required	Yes			
5	Nitrate	Annually	N/A	Aug-15		
6	Nitrite	Triennially	N/A	Aug-14		

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

Monitoring/Reporting - Entry Point

Town of Buffalo

EPA ID: 0078

SAMPLING

Entry point: Treat Site - Well #5

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-11		
	B. Arsenic	Every nine years	Yes	Aug-11		
	C. Barium	Every nine years	Yes	Aug-11		
	D. Beryllium	Every nine years	Yes	Aug-11		
	E. Cadmium	Every nine years	Yes	Aug-11		
	F. Chromium	Every nine years	Yes	Aug-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Aug-11		
	I. Mercury	Every nine years	Yes	Aug-11		
	J. Nickel	Every nine years	Yes	Aug-11		
	K. Selenium	Every nine years	Yes	Aug-11		
	L. Thallium	Every nine years	Yes	Aug-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Jul-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jun-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jun-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jun-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Not Required	Yes			
5	Nitrate	Annually	N/A	Aug-15		
6	Nitrite	Triennially	N/A	Aug-14		

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

Monitoring/Reporting - Entry Point

Town of Buffalo

EPA ID: 0078

SAMPLING

Entry point: Treat Site - Well #3

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-11		
	B. Arsenic	Every nine years	Yes	Aug-11		
	C. Barium	Every nine years	Yes	Aug-11		
	D. Beryllium	Every nine years	Yes	Aug-11		
	E. Cadmium	Every nine years	Yes	Aug-11		
	F. Chromium	Every nine years	Yes	Aug-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Aug-11		
	I. Mercury	Every nine years	Yes	Aug-11		
	J. Nickel	Every nine years	Yes	Aug-11		
	K. Selenium	Every nine years	Yes	Aug-11		
	L. Thallium	Every nine years	Yes	Aug-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	Jul-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jun-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jun-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jun-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Not Required	Yes			
5	Nitrate	Annually	N/A	Aug-15		
6	Nitrite	Triennially	N/A	Aug-14		

(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>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>July 28, 2014</u>
B Samples required:	<u>5</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2014</u>
E Lead - 90% Level	<u>1.05</u> Action Level - 15 ug/l
F Copper 90% Level	<u>0.3</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>0.8</u> mg/l
D Running Annual Average:	<u>0.59</u> mg/l
E Date of last DBP test:	<u>September 16, 2014</u>
F THM - Qtr Average:	<u>31.8</u> ug/l
G Haa5 - Qtr Average:	<u>7.02</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

Town of Buffalo

EPA ID: 0078

Violations From **October 1, 2011** To **October 1, 2016**

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected