

Brown-Day-Marshall RWS Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served:	8,350	System Population:	5,375
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Last Inspection:	August 24, 2016		
Type of System:	Community	Area Served:	Brown, Day, Marshall County
Number of Service Connections:	2,210	Contamination Risk:	low
Water Sold To:			Amherst Water Company, Britton, Claremont, Hecla, Lake City, Langford
PWS Owner Type:	Private Ownership	Service Area:	Rural Water System/Colonies
Contract Laboratory:			State Health Lab, Pierre

, New Effington, Peever, Pierpont, Veblen

Monitoring/Reporting - Entry Point

Brown-Day-Marshall RWS

EPA ID: 0882

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jul-13		
	B. Arsenic	Every nine years	Yes	Jul-13		
	C. Barium	Every nine years	Yes	Jul-13		
	D. Beryllium	Every nine years	Yes	Jul-13		
	E. Cadmium	Every nine years	Yes	Jul-13		
	F. Chromium	Every nine years	Yes	Jul-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Jul-13		
	J. Nickel	Every nine years	Yes	Jul-13		
	K. Selenium	Every nine years	Yes	Jul-13		
	L. Thallium	Every nine years	Yes	Jul-13		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals	Every six years	Yes	Nov-13		Groundwater Waiver
4	SOC Chemicals					
	A. Method 515.1	Not Required	Yes			
	B. Method 524	Not Required	Yes			
	C. Method 525	Not Required	Yes			
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Not Required	Yes			
	F. Method 548	Not Required	Yes			
	G. Method 549	Not Required	Yes			
5	Nitrate	Annually	N/A	Jun-16		
6	Nitrite	Triennially	N/A	Jun-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>72</u>
B	Samples required:	<u>Six Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>72</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 30, 2013</u>
B	Samples required:	<u>20</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2016</u>
E	Lead - 90% Level	<u>2.7</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.18</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>72</u>
B	Samples required:	<u>Six Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>3</u> mg/l
D	Running Annual Average:	<u>3.38</u> mg/l
E	Date of last DBP test:	<u>August 27, 2014</u>
F	THM - Qtr Average:	<u>1.6</u> ug/l
G	Haa5 - Qtr Average:	<u>4.71</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

Brown-Day-Marshall RWS

EPA ID: 0882

Violations From

October 1, 2011

To

October 1, 2016

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected