

City of Springfield Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



This system is not a candidate for an award:

Violation

Population Served: 1,989

System Population: 1,989

Certified Operator: Mr Joe Pruss-Shelhamer
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Other Contacts: Mayor George Heisinger
PO Box 446
Springfield, SD 57062-0446

Work Phone:
Home Phone:
Cell Phone:
Fax:
Email:

Last Inspection: June 10, 2014

Type of System: Community

Area Served: Bon Homme County

Number of Service Connections: 360

Contamination Risk: moderate

Water Produced And Used By The City of Springfield Public Water System

PWS Owner Type: Local Government

Service Area: Municipality

Contract Laboratory:

Sioux Falls Health Laboratory

Monitoring/Reporting - Entry Point

City of Springfield

EPA ID: 0317

SAMPLING

Entry point: Treatment Plant

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

(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>August 11, 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>1.4</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.04</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>2.3</u> mg/l
D	Running Annual Average:	<u>2.24</u> mg/l
E	Date of last DBP test:	<u>June 2, 2016</u>
F	THM - Qtr Average:	<u>121</u> ug/l
G	Haa5 - Qtr Average:	<u>61.3</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

City of Springfield

EPA ID: 0317

Violations From October 1, 2011 To October 1, 2016

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Trihalomethane (THM)	04/01/2016	Public Notice Requested
	Trihalomethane (THM)		Public Notice Received
Exceedance of Allowable Contaminant Level	Trihalomethane (THM)	04/01/2015	Public Notice Requested
	Trihalomethane (THM)		Public Notice Received
	Trihalomethane (THM)		Compliance Achieved
Exceedance of Allowable Contaminant Level	Trihalomethane (THM)	01/01/2015	Public Notice Requested
	Trihalomethane (THM)		Public Notice Received
	Trihalomethane (THM)		Compliance Achieved
Sanitary Survey		06/28/2014	Intentional No-Action
			Compliance Achieved
DBP Failure To Monitor	Chlorine	04/01/2013	Public Notice Requested
	Chlorine		Public Notice Received
	Chlorine		Compliance Achieved
Repeat Sample Monitoring Violation	Total Coliform Bacteria	06/01/2013	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	06/01/2013	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received
Failure to Monitor	IOCs - Asbestos	01/01/2012	Intentional No-Action
	IOCs - Asbestos		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected