

# Deerfield Colony Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



**This system is not a candidate for an award:**

Violation

<b>Population Served:</b>	120	<b>System Population:</b>	120
<b>Certified Operator:</b>	Mr Solomon Stahl 12434 364th Avenue Ipswich, SD 57451	<b>Work Phone:</b>	
		<b>Home Phone:</b>	(605)439-3455
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		<b>Email:</b>	bennyst3@gmail.com
<b>Financial Contact:</b>	Mr Solomon Stahl 12434 364th Avenue Ipswich, SD 57451	<b>Work Phone:</b>	(605)439-3455
		<b>Home Phone:</b>	
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<b>Other Contacts:</b>	Mr Jeff Sveen PO Box 490 Aberdeen, SD 57402-0490	<b>Work Phone:</b>	
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	
<b>Last Inspection:</b>	June 27, 2014		
<b>Type of System:</b>	Community	<b>Area Served:</b>	Edmunds County
<b>Number of Service Connections:</b>	25	<b>Contamination Risk:</b>	low
<b>Water Produced And Used By The Deerfield Colony Public Water System</b>			
<b>PWS Owner Type:</b>	Private Ownership	<b>Service Area:</b>	Housing Development
<b>Contract Laboratory:</b>			State Health Lab, Pierre

# Monitoring/Reporting - Entry Point

Deerfield Colony

EPA ID: 2056

## SAMPLING

Entry point: New Well

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	May-12		
	B. Arsenic	Every nine years	Yes	May-12		
	C. Barium	Every nine years	Yes	May-12		
	D. Beryllium	Every nine years	Yes	May-12		
	E. Cadmium	Every nine years	Yes	May-12		
	F. Chromium	Every nine years	Yes	May-12		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	May-12		
	I. Mercury	Every nine years	Yes	May-12		
	J. Nickel	Every nine years	Yes	May-12		
	K. Selenium	Every nine years	Yes	May-12		
	L. Thallium	Every nine years	Yes	May-12		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Every six years	Yes	Oct-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	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

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### Bacteriological Monitoring

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

A Samples submitted:	<u>12</u>
B Samples required:	<u>One Sample Each Month.</u>
C Survey samples:	<u>0</u>
D Safe samples:	<u>12</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 9, 2016</u>
B Samples required:	<u>5</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2016</u>
E Lead - 90% Level	<u>0.21</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:  to

A Samples submitted:	<u>No Tests</u>
B Samples required:	
C Last Qtr Cl Residual:	<u></u> mg/l
D Running Annual Average:	<u></u> mg/l
E Date of last DBP test:	<u>No Tests</u>
F THM - Qtr Average:	<u></u> ug/l
G Haa5 - Qtr Average:	<u></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

Deerfield Colony

EPA ID: 2056

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

Violation Type	Parameter	Date	Status
Lack of Certified Operator	Certified Operator	02/01/2015	Reminder Notice
	DBP		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected