

# Black Hills Water Distribution, LLC Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



## Secretary Award For Drinking Water Excellence

**Population Served:** 390      **System Population:** 0

**Certified Operator:** Ms Tammie Brown  
19098 Knollwood Lane  
Belle Fourche, SD 57717

**Work Phone:**  
**Home Phone:** (605)892-6326  
**Cell Phone:**  
**Fax:** (605)892-3390  
**Email:** blackhillswater@hotmail.com

**Financial Contact:** Mr Joe Graf  
19063 Knollwood Lane  
Belle Fourche, SD 57717

**Work Phone:** (605)892-2314  
**Home Phone:**  
**Cell Phone:**  
**Fax:**  
**Email:**

**Other Contacts:**

**Last Inspection:** September 18, 2015

**Type of System:** Community      **Area Served:** Butte County

**Number of Service Connections:** 1      **Contamination Risk:** low

**Water Sold To:** Hay Creek Water Company

**PWS Owner Type:** Private Ownership      **Service Area:** Wholesaler

**Contract Laboratory:** Midcontinent Laboratory

# 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.)

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### 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

# EPA ID#: 2144 System Name: Black Hills Water Distribution, LLC

Sampler- Ms Tammie Brown Work Phone-  
Title- Water Operator  
Address- 19098 Knollwood Lane  
Belle Fourche SD 57717

Location- City: Belle Fourche County: Butte  
Service Area- Wholesale of Water  
PWS Owner Type- Private Ownership  
Water Supply Type- Groundwater Supply

Population Served- 0 Service Connections- 1

## Sources for Black Hills Water Distribution, LLC

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - GRAF WELL					Treatment Plant	Non-Vulnerable	No Treatment
04	GRAF WELL	1993	2100	7	Permanent	Groundwater	Non-Vulnerable	No Treatment
05	#2	2004	2117	7	Emergency	Groundwater	Non-Vulnerable	No Treatment

**EPA ID#: 2144 System Name: Black Hills Water Distribution, LLC**

**Common Ion Data**

*(All chemical data are reported in milligrams per liter (mg/l) except pH and Langelier Index)*

*Please refer to Private Well Data for more information about these test results.*

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langelier	NO3	F
01	Raw	10/07/94	286	520	7.84	222	0	2	2.0	79.0	28.0	0.06	0.03	1.0	78	271	0	313	+0.64	0.1	0.34
01	Raw	10/22/97	388	616	7.88	228	0	2	1.1	71.0	38.0	0.03	0.01	1.0	103	0	0	334	+0.53	0.1	0.28
01	Raw	05/02/01	407	629	7.98	230	0	3	1.6	73.0	30.0	0.07	0.05	1.5	101	280	0	306	+0.90	0.1	0.30
04	Raw	11/18/03	364	615	7.93	227	0	2	1.3	76.9	27.2	0.05	0.05	0.5	99	277	0	304	+0.67	0.1	0.28
04	Raw	11/01/06	450	704	8.04	227	0	3	1.5	84.0	28.6	0.05	0.01	0.5	149	277	0	328	+0.82	0.1	0.30
04	Raw	10/13/09	395	638	8.19	229	0	3	1.6	72.0	27.1	0.05	0.01	3.0	116	279	0	291	+0.91	0.1	0.33
04	Raw	06/25/13	405	678	7.82	227	0	3	1.8	103.0	28.7	0.06	0.01	0.7	138	277	0	374	+0.68	0.1	0.29
04	Raw	09/18/15	502	757	7.60	230	0	4	2.0	113.0	30.8	0.10	0.00	0.6	189	280	0	408	+0.51	0.1	0.30
Averages			400	645	7.91	228	0	3	1.6	84.0	29.8	0.06	0.02	1.1	122	243	0	332		0.1	0.30