

Butte-Meade SWD-Vale Well Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served:	445	System Population:	325
Certified Operator:	Mr Mike Wolff PO Box 5 Newell, SD 57760	Work Phone:	(605)456-2288
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Financial Contact:	Mr Mike Wolff PO Box 5 Newell, SD 57760	Work Phone:	
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		Email:	
Other Contacts:	Mr Charles Yuill 18296 Winkler Newell, SD 57760	Work Phone:	
		Home Phone:	
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		Fax:	
		Email:	
Last Inspection:	May 27, 2015		
Type of System:	Community	Area Served:	Butte, Meade County
Number of Service Connections:	130	Contamination Risk:	low
Water Sold To:			Vale Sanitary District
PWS Owner Type:	Private Ownership	Service Area:	Rural Water System/Colonies
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Butte-Meade SWD-Vale Well

EPA ID: 2314

SAMPLING

Entry point: Treat Site - Vale Well

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Aug-13		
	B. Arsenic	Every nine years	Yes	Aug-13		
	C. Barium	Every nine years	Yes	Aug-13		
	D. Beryllium	Every nine years	Yes	Aug-13		
	E. Cadmium	Every nine years	Yes	Aug-13		
	F. Chromium	Every nine years	Yes	Aug-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Oct-13		
	I. Mercury	Every nine years	Yes	Aug-13		
	J. Nickel	Every nine years	Yes	Aug-13		
	K. Selenium	Every nine years	Yes	Aug-13		
	L. Thallium	Every nine years	Yes	Aug-13		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Every six years	Yes	Aug-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	Sep-16		
6	Nitrite	Triennially	N/A	Sep-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>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>September 13, 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>1.3</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.21</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>0.67</u> mg/l
D	Running Annual Average:	<u>0.57</u> mg/l
E	Date of last DBP test:	<u>August 20, 2013</u>
F	THM - Qtr Average:	<u>6.34</u> ug/l
G	Haa5 - Qtr Average:	<u>0</u> ug/l

Asbestos

A	Date of last test:	<u>November 14, 2011</u>
B	Asbestos Result:	<u>ND</u> million fibers per liter

Comments

Violations and Significant Deficiencies

Butte-Meade SWD-Vale Well

EPA ID: 2314

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

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected