

Laughing Water Restaurant at Crazy Horse Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)

This system is not a candidate for an award:

Violation

Population Served:	38	System Population:	2,055
Certified Operator:	Mr August Heyne 12151 Avenue of the Chiefs Crazy Horse, SD 57730-9506	Work Phone:	(605)673-4681
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	augie.heyne@crazyhorse.org
Financial Contact:	Ms Jadwiga Ziolkowski 12151 Ave of the Chiefs Crazy Horse, SD 57730	Work Phone:	(605)673-4681
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	
Other Contacts:	Mr Thurston Pond 12151 Avenue of the Chiefs Custer, SD 57730	Work Phone:	(605)673-4681
		Home Phone:	
		Cell Phone:	
		Fax:	
		Email:	thurston.pond@crazyhorse.org
Last Inspection:	May 2, 2017		
Type of System:	Non-Transient Non-Community	Area Served:	Custer County
Number of Service Connections:	46	Contamination Risk:	high
Water Produced And Used By The Laughing Water Restaurant at Crazy Horse Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	School
Contract Laboratory:			Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Laughing Water Restaurant at Crazy Horse

EPA ID: 0547

SAMPLING

Entry point: Treat Site - #4/hamm Well

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Feb-16		
	B. Arsenic	Every nine years	Yes	Feb-16		
	C. Barium	Every nine years	Yes	Feb-16		
	D. Beryllium	Every nine years	Yes	Feb-16		
	E. Cadmium	Every nine years	Yes	Feb-16		
	F. Chromium	Every nine years	Yes	Feb-16		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Feb-16		
	I. Mercury	Every nine years	Yes	Feb-16		
	J. Nickel	Every nine years	Yes	Feb-16		
	K. Selenium	Every nine years	Yes	Feb-16		
	L. Thallium	Every nine years	Yes	Feb-16		
2	Radiological Chemicals	To be determined	N/A			
3	VOC Chemicals	Quarterly	No	Feb-15	2015	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Feb-15	2018	
	B. Method 524	Triennially	No	Feb-15	2018	
	C. Method 525	Triennially	No	Feb-15	2018	
	D. Method 531.1	Triennially	No	Feb-15	2018	
	E. Method 547	Triennially	No	Feb-15	2018	
	F. Method 548	Triennially	No	Feb-15	2018	
	G. Method 549	Triennially	No	Feb-15	2018	
5	Nitrate	Annually	N/A	May-17		
6	Nitrite	Triennially	N/A	Feb-16		

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

Monitoring/Reporting - Entry Point

Laughing Water Restaurant at Crazy Horse

EPA ID: 0547

SAMPLING

Entry point: Treat Site - #3/duff Well

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Feb-16		
	B. Arsenic	Every nine years	Yes	Feb-16		
	C. Barium	Every nine years	Yes	Feb-16		
	D. Beryllium	Every nine years	Yes	Feb-16		
	E. Cadmium	Every nine years	Yes	Feb-16		
	F. Chromium	Every nine years	Yes	Feb-16		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	Feb-16		
	I. Mercury	Every nine years	Yes	Feb-16		
	J. Nickel	Every nine years	Yes	Feb-16		
	K. Selenium	Every nine years	Yes	Feb-16		
	L. Thallium	Every nine years	Yes	Feb-16		
2	Radiological Chemicals	To be determined	N/A			
3	VOC Chemicals	Quarterly	No	Feb-15	2018	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Feb-15	2018	
	B. Method 524	Triennially	No	Feb-15	2018	
	C. Method 525	Triennially	No	Feb-15	2018	
	D. Method 531.1	Triennially	No	Feb-15	2018	
	E. Method 547	Triennially	No	Feb-15	2018	
	F. Method 548	Triennially	No	Feb-15	2018	
	G. Method 549	Triennially	No	Feb-15	2018	
5	Nitrate	Annually	N/A	May-17		
6	Nitrite	Triennially	N/A	Feb-16		

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

Bacteriological Monitoring

Bacteriological sampling and analysis: January 1, 2017 to January 1, 2018

A	Samples submitted:	<u>24</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>24</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>July 7, 2015</u>
B	Samples required:	<u>10</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2018</u>
E	Lead - 90% Level	<u>6</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.26</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>24</u>
B	Samples required:	<u>Two Samples Each Month.</u>
C	Last Qtr Cl Residual:	<u>0.31</u> mg/l
D	Running Annual Average:	<u>0.31</u> mg/l
E	Date of last DBP test:	<u>August 8, 2017</u>
F	THM - Qtr Average:	<u>19.6</u> ug/l
G	Haa5 - Qtr Average:	<u>0</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

Laughing Water Restaurant at Crazy Horse

EPA ID: 0547

Violations From **January 1, 2013** To **January 1, 2018**

Violation Type	Parameter	Date	Status
Failure To Address Significant Deficiency On	Groundwater Rule	09/27/2017	Intentional No-Action

Significant Deficiency	Date Identified	Date Corrected