

Lantern Estates Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2017 Certificate of Achievement Award.

Population Served: 192 **System Population:** 192

Certified Operator: Mr Pat Hasson
3518 Westview Drive
Spearfish, SD 57783
Work Phone:
Home Phone:
Cell Phone:
Fax:
Email: hassonpd@gmail.com

Financial Contact: Ms Tammy Karlson
820 Sherman Street
Whitewood, SD 57793-2157
Work Phone: (605)269-2394
Home Phone: (605)269-2394
Cell Phone:
Fax:
Email:

Other Contacts: Mr Rusty Karlson
820 Sherman Street
Whitewood, SD 57793
Work Phone:
Home Phone: 269-2394
Cell Phone:
Fax:
Email:

Last Inspection: May 16, 2017

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

Number of Service Connections: 78 **Contamination Risk:** low

Water Produced And Used By The Lantern Estates Public Water System

PWS Owner Type: Private Ownership **Service Area:** TC/Mobile Home Park

Contract Laboratory: Midcontinent Laboratory

Monitoring/Reporting - Entry Point

Lantern Estates

EPA ID: 0315

SAMPLING

Entry point: Well #1

#	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jan-16		
	B. Arsenic	Every nine years	Yes	Jan-16		
	C. Barium	Every nine years	Yes	Jan-16		
	D. Beryllium	Every nine years	Yes	Jan-16		
	E. Cadmium	Every nine years	Yes	Jan-16		
	F. Chromium	Every nine years	Yes	Jan-16		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Jan-16		
	I. Mercury	Every nine years	Yes	Jan-16		
	J. Nickel	Every nine years	Yes	Jan-16		
	K. Selenium	Every nine years	Yes	Jan-16		
	L. Thallium	Every nine years	Yes	Jan-16		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Quarterly	No	Feb-15	2018	
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	N/A	Jan-18		
6	Nitrite	Triennially	N/A	Jan-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>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>June 11, 2015</u>
B	Samples required:	<u>5</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2018</u>
E	Lead - 90% Level	<u>7.5</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.295</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

Lantern Estates

EPA ID: 0315

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

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected