

Shamrock Colony Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



2015 Certificate of Achievement Award.

Population Served:	75	System Population:	75
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Last Inspection:	June 11, 2014		
Type of System:	Community	Area Served:	Clark County
Number of Service Connections:	17	Contamination Risk:	moderate
Water Produced And Used By The Shamrock Colony Public Water System			
PWS Owner Type:	Private Ownership	Service Area:	Housing Development
Contract Laboratory:			State Health Lab, Pierre

Monitoring/Reporting - Entry Point

Shamrock Colony

EPA ID: 2267

SAMPLING

Entry point: Treatment Plant

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	Jul-14		
	B. Arsenic	Triennially	No	Jul-14		
	C. Barium	Triennially	No	Jul-14		
	D. Beryllium	Triennially	No	Jul-14		
	E. Cadmium	Triennially	No	Jul-14		
	F. Chromium	Triennially	No	Jul-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Annually	No	Jul-15		
	I. Mercury	Triennially	No	Jul-14		
	J. Nickel	Triennially	No	Jul-14		
	K. Selenium	Triennially	No	Jul-14		
	L. Thallium	Triennially	No	Jul-14		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-16		
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	Aug-16		
6	Nitrite	Triennially	N/A	Jul-14		

(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>14</u>
B	Samples required:	<u>One Sample Each Month.</u>
C	Survey samples:	<u>0</u>
D	Safe samples:	<u>14</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 6, 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>0.1</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.02</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 CI 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

Shamrock Colony

EPA ID: 2267

Violations From October 1, 2011 To October 1, 2016

Violation Type	Parameter	Date	Status
Failure to Monitor	SOCs - Diquat	01/01/2014	Public Notice Requested
	SOCs - Diquat		Compliance Achieved
Failure to Monitor	SOCs - Glyphosate	01/01/2014	Public Notice Requested
	SOCs - Glyphosate		Compliance Achieved
Failure to Monitor	SOCs - Endothall	01/01/2014	Public Notice Requested
	SOCs - Endothall		Compliance Achieved
Failure to Monitor	SOCs - Ethylene dibromide	01/01/2014	Public Notice Requested
	SOCs - Ethylene dibromide		Compliance Achieved
Failure to Monitor	SOCs - Dibromochloropropane	01/01/2014	Public Notice Requested
	SOCs - Dibromochloropropane		Compliance Achieved
Failure to Monitor	SOCs - 2,4-D	01/01/2014	Public Notice Requested
	SOCs - 2,4-D		Compliance Achieved
Failure to Monitor	SOCs - Pichloram	01/01/2014	Public Notice Requested
	SOCs - Pichloram		Compliance Achieved
Failure to Monitor	SOCs - Pentachlorophenol	01/01/2014	Public Notice Requested
	SOCs - Pentachlorophenol		Compliance Achieved
Failure to Monitor	SOCs - 2,4,5-TP (Silvex)	01/01/2014	Public Notice Requested
	SOCs - 2,4,5-TP (Silvex)		Compliance Achieved
Failure to Monitor	SOCs - Dinoseb	01/01/2014	Public Notice Requested
	SOCs - Dinoseb		Compliance Achieved
Failure to Monitor	SOCs - Dalapon	01/01/2014	Public Notice Requested
	SOCs - Dalapon		Compliance Achieved
Failure to Monitor	SOCs - Oxamyl	01/01/2014	Public Notice Requested
	SOCs - Oxamyl		Compliance Achieved
Failure to Monitor	SOCs - Carbofuran	01/01/2014	Public Notice Requested
	SOCs - Carbofuran		Compliance Achieved
Failure to Monitor	SOCs - Simazine	01/01/2014	Public Notice Requested
	SOCs - Simazine		Compliance Achieved
Failure to Monitor	SOCs - Toxaphene	01/01/2014	Public Notice Requested
	SOCs - Toxaphene		Compliance Achieved
Failure to Monitor	SOCs - Chlordane	01/01/2014	Public Notice Requested
	SOCs - Chlordane		Compliance Achieved
Failure to Monitor	SOCs - Lindane	01/01/2014	Public Notice Requested
	SOCs - Lindane		Compliance Achieved
Failure to Monitor	SOCs - Hexachlorobenzene	01/01/2014	Public Notice Requested
	SOCs - Hexachlorobenzene		Compliance Achieved
Failure to Monitor	SOCs - Endrin	01/01/2014	Public Notice Requested
	SOCs - Endrin		Compliance Achieved
Failure to Monitor	SOCs - Hexachlorocyclopentadiene	01/01/2014	Public Notice Requested
	SOCs - Hexachlorocyclopentadiene		Compliance Achieved
Failure to Monitor	SOCs - Di(2-ethylhexyl)phthalate	01/01/2014	Public Notice Requested
	SOCs - Di(2-ethylhexyl)phthalate		Compliance Achieved
Failure to Monitor	SOCs - Di(2-ethylhexyl)adipate	01/01/2014	Public Notice Requested
	SOCs - Di(2-ethylhexyl)adipate		Compliance Achieved
Failure to Monitor	SOCs - PCBs	01/01/2014	Public Notice Requested
	SOCs - PCBs		Compliance Achieved
Failure to Monitor	SOCs - Methoxychlor	01/01/2014	Public Notice Requested
	SOCs - Methoxychlor		Compliance Achieved
Failure to Monitor	SOCs - Benzo(a)pyrene (PAH)	01/01/2014	Public Notice Requested

	SOCs - Benzo(a)pyrene (PAH)		Compliance Achieved
Failure to Monitor	SOCs - Atrazine	01/01/2014	Public Notice Requested
	SOCs - Atrazine		Compliance Achieved
Failure to Monitor	SOCs - Heptachlor Epoxide	01/01/2014	Public Notice Requested
	SOCs - Heptachlor Epoxide		Compliance Achieved
Failure to Monitor	SOCs - Heptachlor	01/01/2014	Public Notice Requested
	SOCs - Heptachlor		Compliance Achieved
Failure to Monitor	SOCs - Alachlor	01/01/2014	Public Notice Requested
	SOCs - Alachlor		Compliance Achieved
Routine Sample Monitoring Violation	Total Coliform Bacteria	08/01/2012	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received

Significant Deficiency	Date Identified	Date Corrected