City of Pierre Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)

2015 Certificate of Achievement Award.

Population Served: 13,646

System Population: 13,646

Certified Operator: Mr Dane Brewer
PO Box 1253
Pierre, SD 57501-1253

Work Phone: (605)773-7448
Home Phone:
Cell Phone:
Fax: (605)773-7406
Email: Dane.Brewer@ci.pierre.sd.us

Financial Contact: Mr Lynn Patton
PO Box 1253
Pierre, SD 57501-1253

Work Phone: (605)773-3067
Home Phone:
Cell Phone:
Fax: (605)773-7406
Email: lynn.patton@ci.pierre.sd.us

Other Contacts: Mayor Laurie Gill
PO Box 1253
Pierre, SD 57501-1253

Work Phone:
Home Phone:
Cell Phone:
Fax:
Email:

Last Inspection: October 17, 2013

Type of System: Community

Area Served: Hughes County

Number of Service Connections: 5,141

Contamination Risk: moderate

Water Produced And Used By The City of Pierre Public Water System

PWS Owner Type: Local Government

Service Area: Municipality

Contract Laboratory: State Health Lab, Pierre

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #13

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #12

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #11

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #9

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #10

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Aug-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Aug-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Aug-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Aug-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #8

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-16		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #7

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #6

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Jun-11		
	B. Arsenic	Every nine years	Yes	Jun-11		
	C. Barium	Every nine years	Yes	Jun-11		
	D. Beryllium	Every nine years	Yes	Jun-11		
	E. Cadmium	Every nine years	Yes	Jun-11		
	F. Chromium	Every nine years	Yes	Jun-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Jun-11		
	J. Nickel	Every nine years	Yes	Jun-11		
	K. Selenium	Every nine years	Yes	Jun-11		
	L. Thallium	Every nine years	Yes	Jun-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #5

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #3

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #2

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

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

Monitoring/Reporting - Entry Point

City of Pierre **EPA ID: 0242**

SAMPLING

Entry point: Treat Site - Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Apr-11		
	B. Arsenic	Every nine years	Yes	Apr-11		
	C. Barium	Every nine years	Yes	Apr-11		
	D. Beryllium	Every nine years	Yes	Apr-11		
	E. Cadmium	Every nine years	Yes	Apr-11		
	F. Chromium	Every nine years	Yes	Apr-11		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride		No			This system fluoridates
	I. Mercury	Every nine years	Yes	Apr-11		
	J. Nickel	Every nine years	Yes	Apr-11		
	K. Selenium	Every nine years	Yes	Apr-11		
	L. Thallium	Every nine years	Yes	Apr-11		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals		No	May-14		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-14	2017	
	B. Method 524	Not Required	Yes			
	C. Method 525	Triennially	No	Jul-14	2017	
	D. Method 531.1	Not Required	Yes			
	E. Method 547	Triennially	No	Jul-14	2017	
	F. Method 548	Not Required	Yes			
	G. Method 549	Triennially	No	Jul-14	2017	
5	Nitrate	Annually	N/A	May-16		
6	Nitrite	Triennially	N/A	May-15		

(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:	181
B	Samples required:	Fifteen Samples Each Month.
C	Survey samples:	0
D	Safe samples:	181
E	Unsafe samples:	0
F	Repeat samples:	0
H	Groundwater Samples:	

Lead and Copper Monitoring

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

A	Date Last Tested:	July 2, 2014	
B	Samples required:	30	
C	Sampling Frequency	Triennially	
D	Date Due Next	2014	
E	Lead - 90% Level	2	Action Level - 15 ug/l
F	Copper 90% Level	0.78	Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: October 1, 2015 to October 1, 2016

A	Samples submitted:	181	
B	Samples required:	Fifteen Samples Each Month.	
C	Last Qtr Cl Residual:	1.45	mg/l
D	Running Annual Average:	1.22	mg/l
E	Date of last DBP test:	August 4, 2015	
F	THM - Qtr Average:	5.44	ug/l
G	Haa5 - Qtr Average:	5.03	ug/l

Asbestos

A	Date of last test:	Waiver - Testing Not Required	
B	Asbestos Result:		million fibers per liter

Comments

Violations and Significant Deficiencies

City of Pierre **EPA ID: 0242**

Violations From October 1, 2011 To October 1, 2016

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected