



# Monitoring/Reporting - Entry Point

Enning Elementary School

EPA ID: 0640

## SAMPLING

Entry point: Treat Site For Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Nov-14		
	B. Arsenic	Every nine years	Yes	Nov-14		
	C. Barium	Every nine years	Yes	Nov-14		
	D. Beryllium	Every nine years	Yes	Nov-14		
	E. Cadmium	Every nine years	Yes	Nov-14		
	F. Chromium	Every nine years	Yes	Nov-14		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Nov-14		
	I. Mercury	Every nine years	Yes	Nov-14		
	J. Nickel	Every nine years	Yes	Nov-14		
	K. Selenium	Every nine years	Yes	Nov-14		
	L. Thallium	Every nine years	Yes	Nov-14		
2	Radiological Chemicals	To be determined	N/A			
3	VOC Chemicals	Quarterly	No	Oct-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jun-16	2019	
	B. Method 524	Triennially	No	Jun-16	2019	
	C. Method 525	Triennially	No	Jun-16	2019	
	D. Method 531.1	Triennially	No	Jun-16	2019	
	E. Method 547	Triennially	No	Jun-16	2019	
	F. Method 548	Triennially	No	Jun-16	2019	
	G. Method 549	Triennially	No	Jun-16	2019	
5	Nitrate	Annually	N/A	Oct-17		
6	Nitrite	Triennially	N/A	Oct-17		

(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 Quarter.</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>September 6, 2016</u>
B Samples required:	<u>5</u>
C Sampling Frequency	<u>Triennially</u>
D Date Due Next	<u>2019</u>
E Lead - 90% Level	<u>0.89</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: January 1, 2017 to January 1, 2018

A Samples submitted:	<u>12</u>
B Samples required:	<u>One Sample Each Quarter.</u>
C Last Qtr Cl Residual:	<u>0.58</u> mg/l
D Running Annual Average:	<u>0.52</u> mg/l
E Date of last DBP test:	<u>August 29, 2016</u>
F THM - Qtr Average:	<u>0.58</u> ug/l
G Haa5 - Qtr Average:	<u>6.25</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

Enning Elementary School

EPA ID: 0640

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

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected

# EPA ID#: 0640 System Name: Enning Elementary School

Sampler- Mr Doug Draine Work Phone-(605)347-2649  
Title- Maintenance Super.  
Address- 12940 East Highway 34  
Sturgis SD 57785

Location- City: Enning County: Meade  
Service Area- School  
PWS Owner Type- State Government  
Water Supply Type- Groundwater Supply

Population Served- 30 Service Connections- 2

Months that System is Open to Public-Season Opening Date- August 30th Season Closing Date- May 31st

## Sources for Enning Elementary School

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE FOR #1				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites Filtration - Cartridge Corrosion Control - Phosphates Taste and Order Control
03	#1	1969	250	6	Permanent	Groundwater	Vulnerable	Treatment At Plant

# EPA ID#: 0640 System Name: Enning Elementary School

## Common Ion Data

(All chemical data are reported in milligrams per liter (mg/l) except pH and Langlier Index)

Please refer to Private Well Data for more information about these test results.

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
01	Raw	05/06/96	400	700	8.82	290	0	169	3.0	2.0	1.0	0.05	0.03	10.0	54	305	0	5	+0.12	0.2	0.60

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
01	Treated	01/13/99	392	827	8.85	322	12	229	3.0	2.0	1.0	0.05	0.01	14.0	75	392	16	8	+0.10	0.1	0.00
03	Treated	03/27/02	394	677	8.75	292	0	145	2.3	1.9	0.5	0.05	0.05	10.0	49	325	0	5	-0.02	0.1	0.72
01	Treated	11/16/04	391	664	8.85	283	13	163	2.6	1.6	0.3	0.12	0.02	11.0	41	314	16	5	-0.02	0.1	0.69
01	Treated	10/09/07	427	721	8.82	299	16	170	2.8	1.5	2.2	0.05	0.02	3.0	61	326	19	13	-0.06	0.2	0.70
01	Treated	10/05/10	412	711	8.80	306	0	218	2.6	2.2	0.5	0.05	0.01	17.3	43	341	0	7	+0.12	0.3	0.76
01	Treated	11/07/13	416	704	8.87	296	15	158	2.1	1.7	0.4	0.04	0.04	10.0	55	324	18	6	+0.04	0.0	0.76
01	Treated	06/06/17	426	784	8.88	317	0	179	2.1	1.9	0.6	0.09	0.00	9.4	75	340	23	7	+0.17	0.0	0.83
Averages			408	727	8.83	302	8	180	2.5	1.8	0.8	0.06	0.02	10.7	57	337	13	7		0.1	0.64