

# GCC Dacotah - East/West Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



## 2017 Certificate of Achievement Award.

<b>Population Served:</b>	100	<b>System Population:</b>	100
<b>Certified Operator:</b>	Mr Jim Anderson PO Box 360 Rapid City, SD 57709-0360	<b>Work Phone:</b>	(605)721-7033
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<b>Other Contacts:</b>	Mr. Steve Post 501 N St Onge Street/PO Box 360 Rapid City, SD 57709-0360	<b>Work Phone:</b>	
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	
<b>Last Inspection:</b>	February 28, 2017		
<b>Type of System:</b>	Non-Transient Non-Community	<b>Area Served:</b>	Pennington County
<b>Number of Service Connections:</b>	12	<b>Contamination Risk:</b>	moderate
<b>Water Produced And Used By The GCC Dacotah - East/West Public Water System</b>			
<b>PWS Owner Type:</b>	Private Ownership	<b>Service Area:</b>	Industrial/Agricultural
<b>Contract Laboratory:</b>			Midcontinent Laboratory

# Monitoring/Reporting - Entry Point

GCC Dacotah - East/West

EPA ID: 0643

## SAMPLING

Entry point: Entry Pt - E/w/n Wells

Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals				
	A. Antimony	Every nine years	Yes	Nov-11	
	B. Arsenic	Every nine years	Yes	Nov-11	
	C. Barium	Every nine years	Yes	Nov-11	
	D. Beryllium	Every nine years	Yes	Nov-11	
	E. Cadmium	Every nine years	Yes	Nov-11	
	F. Chromium	Every nine years	Yes	Nov-11	
	G. Cyanide		Yes		State-wide waiver
	H. Fluoride	Every nine years	Yes	Nov-11	
	I. Mercury	Every nine years	Yes	Nov-11	
	J. Nickel	Every nine years	Yes	Nov-11	
	K. Selenium	Every nine years	Yes	Nov-11	
	L. Thallium	Every nine years	Yes	Nov-11	
2	Radiological Chemicals	To be determined	N/A		
3	VOC Chemicals	Quarterly	No	Nov-16	2019
4	SOC Chemicals				
	A. Method 515.1	Triennially	No	Oct-16	2019
	B. Method 524	Triennially	No	Oct-16	2019
	C. Method 525	Triennially	No	Oct-16	2019
	D. Method 531.1	Triennially	No	Oct-16	2019
	E. Method 547	Triennially	No	Oct-16	2019
	F. Method 548	Triennially	No	Oct-16	2019
	G. Method 549	Triennially	No	Oct-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.)



# Violations and Significant Deficiencies

**GCC Dacotah - East/West**

**EPA ID: 0643**

Violations From January 1, 2013 To January 1, 2018

Violation Type	Parameter	Date	Status
Exceedance of Allowable Contaminant Level	Total Coliform Bacteria	07/01/2015	Public Notice Requested
	Bacteriological		Compliance Achieved
	Bacteriological		Public Notice Received

Significant Deficiency	Date Identified	Date Corrected

# EPA ID#: 0643 System Name: GCC Dacotah - East/West

Sampler- Mr Jim Anderson Work Phone-(605)721-7033  
Title- Environmental Mgr  
Address- PO Box 360  
Rapid City SD 57709-0360

Location- City: Rapid City County: Pennington  
Service Area- Industrial/Agricultural  
PWS Owner Type- Private Ownership  
Water Supply Type- Groundwater Supply

Population Served- 100 Service Connections- 12

Months that System is Open to Public-Season Opening Date- January 1st Season Closing Date- December 31st

## Sources for GCC Dacotah - East/West/North

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	EAST WELL	1924	208	8	Permanent	Groundwater	Vulnerable	No Treatment
02	WEST WELL	1923	200	8	Permanent	Groundwater	Vulnerable	No Treatment
04	NORTH WELL	1934	214	8	Permanent	Groundwater	Non-Vulnerable	No Treatment
05	ENTRY PT - E/W/N WELLS				Permanent		Non-Vulnerable	No Treatment

**EPA ID#: 0643 System Name: GCC Dacotah - East/West**

**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	03/25/93	248	350	7.71	164	0	3	2.0	39.0	18.0	0.05	0.03	1.0	15	200	0	172	-0.28	0.4	0.23
01	Raw	06/19/96	203	318	7.89	165	0	3	1.7	39.7	19.2	0.06	0.02	4.0	15	201	0	178	+0.24	0.5	0.23
01	Raw	01/11/99	160	350	7.85	160	0	2	2.0	44.0	19.0	0.05	3.00	2.0	12	200	0	160	+0.29	0.3	0.28
05	Raw	11/29/01	150	345	7.74	166	0	3	1.4	32.0	19.6	0.05	0.05	2.5	14	203	0	9	+0.14	0.3	0.00
05	Raw	04/11/05	187	356	7.89	167	0	3	1.4	36.0	18.8	0.05	0.01	3.0	17	204	0	167	+0.17	0.2	0.22
05	Raw	01/08/08	194	360	7.91	170	0	3	1.5	37.1	19.2	0.05	0.01	3.8	14	207	0	172	+0.21	0.4	0.23
05	Raw	03/23/11	186	356	7.83	165	0	4	1.9	37.4	18.5	0.05	0.01	4.0	16	201	0	170	+0.12	0.3	0.22
05	Raw	02/28/17	144	349	8.06	166	0	3	1.6	35.2	26.1	0.00	0.00	3.0	15	203	0	195	+0.32	0.3	0.23
Averages			184	348	7.86	165	0	3	1.7	37.6	19.8	0.05	0.39	2.9	15	202	0	153		0.3	0.20