



# Monitoring/Reporting - Entry Point

Flying J Travel Plaza

EPA ID: 0925

## SAMPLING

Entry point: Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	Mar-13		
	B. Arsenic	Every nine years	Yes	Mar-13		
	C. Barium	Every nine years	Yes	Mar-13		
	D. Beryllium	Every nine years	Yes	Mar-13		
	E. Cadmium	Every nine years	Yes	Mar-13		
	F. Chromium	Every nine years	Yes	Mar-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	Mar-13		
	I. Mercury	Every nine years	Yes	Mar-13		
	J. Nickel	Every nine years	Yes	Mar-13		
	K. Selenium	Every nine years	Yes	Mar-13		
	L. Thallium	Every nine years	Yes	Mar-13		
2	Radiological Chemicals	To be determined	N/A			
3	VOC Chemicals	Quarterly	No	Apr-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Apr-16	2019	
	B. Method 524	Triennially	No	Apr-16	2019	
	C. Method 525	Triennially	No	Apr-16	2019	
	D. Method 531.1	Triennially	No	Apr-16	2019	
	E. Method 547	Triennially	No	Apr-16	2019	
	F. Method 548	Triennially	No	Apr-16	2019	
	G. Method 549	Triennially	No	Apr-16	2019	
5	Nitrate	Annually	N/A	Sep-17		
6	Nitrite	Triennially	N/A	Sep-17		

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

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### 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:	<u></u>

### Lead and Copper Monitoring

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

A	Date Last Tested:	<u>September 13, 2016</u>
B	Samples required:	<u>10</u>
C	Sampling Frequency	<u>Triennially</u>
D	Date Due Next	<u>2019</u>
E	Lead - 90% Level	<u>3</u> Action Level - 15 ug/l
F	Copper 90% Level	<u>0.32</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:	<u></u>
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

Flying J Travel Plaza

EPA ID: 0925

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

Violation Type	Parameter	Date	Status
Failure To Consult With Primacy Agency	Groundwater Rule	07/26/2013	Intentional No-Action
	Groundwater Rule		Compliance Achieved

Significant Deficiency	Date Identified	Date Corrected

**EPA ID#: 0925 System Name: Flying J Travel Plaza**

Sampler- Mr Ed Striebel Work Phone-(605)787-5653  
Title- Contract Operator  
Address- 7005 Timberline  
Black Hawk SD 57718

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

Population Served- 560 Service Connections- 9

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

**Sources for Flying J Travel Plaza**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	WELL #2	1967	2200	8		Groundwater	Non-Vulnerable	No Treatment
02	WELL #1	1996	1920	7	Permanent	Groundwater	Non-Vulnerable	No Treatment

**EPA ID#: 0925 System Name: Flying J Travel Plaza**

**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	02/25/91	0	0	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	0	0	0	0	0.00	0.4	0.00
02	Raw	09/09/03	471	741	7.38	196	0	168	0.3	0.3	0.2	0.06	0.02	3.0	167	239	0	2	-2.40	0.4	0.32
02	Raw	01/23/07	472	735	7.97	195	0	107	16.6	20.1	18.0	0.05	0.01	4.0	162	237	0	124	+0.06	0.3	0.32
02	Raw	05/01/13	446	730	7.83	196	0	111	13.5	13.8	19.6	0.03	0.03	4.0	170	239	0	115	-0.28	0.3	0.35
02	Raw	10/21/15	447	695	7.60	196	0	24	5.0	93.6	23.3	0.11	0.00	3.0	179	239	0	330	+0.36	0.4	0.32
Averages			367	580	6.16	157	0	82	7.1	25.6	12.2	0.05	0.01	2.8	136	191	0	114		0.3	0.26

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
02	Treated	08/13/97	0	680	0.00	0	0	0	0.0	0.0	0.0	0.00	0.00	0.0	168	0	0	330	0.00	0.0	0.00