

# Happy Holiday RV Resort Drinking Water Information

(System Information, Sampling Requirements, and Compliance Report)



## 2017 Certificate of Achievement Award.

<b>Population Served:</b>	70	<b>System Population:</b>	264
<b>Certified Operator:</b>	Mr Fritz Weiss 8990 S Hiway 16 Rapid City, SD 57702	<b>Work Phone:</b>	(605)342-7365
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	(605)342-1177
		<b>Email:</b>	camp@happyholidayrvresort.com
<b>Financial Contact:</b>	Ms Janine Kunz PO Box 747 Mercer Island, WA 98040	<b>Work Phone:</b>	(206)232-5808
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	jnaye@trekworks.com
<b>Other Contacts:</b>	Mr John Naye PO Box 747 Mercer Island, WA 98040	<b>Work Phone:</b>	(206)232-5808
		<b>Home Phone:</b>	
		<b>Cell Phone:</b>	
		<b>Fax:</b>	
		<b>Email:</b>	
<b>Last Inspection:</b>	November 17, 2015		
<b>Type of System:</b>	Community	<b>Area Served:</b>	Pennington County
<b>Number of Service Connections:</b>	199	<b>Contamination Risk:</b>	moderate
<b>Water Produced And Used By The Happy Holiday RV Resort Public Water System</b>			
<b>PWS Owner Type:</b>	Private Ownership	<b>Service Area:</b>	TC/Mobile Home Park
<b>Contract Laboratory:</b>			Midcontinent Laboratory

# Monitoring/Reporting - Entry Point

Happy Holiday RV Resort

EPA ID: 0669

## SAMPLING

Entry point: Well #1

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Every nine years	Yes	May-13		
	B. Arsenic	Every nine years	Yes	May-13		
	C. Barium	Every nine years	Yes	May-13		
	D. Beryllium	Every nine years	Yes	May-13		
	E. Cadmium	Every nine years	Yes	May-13		
	F. Chromium	Every nine years	Yes	May-13		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Every nine years	Yes	May-13		
	I. Mercury	Every nine years	Yes	May-13		
	J. Nickel	Every nine years	Yes	May-13		
	K. Selenium	Every nine years	Yes	May-13		
	L. Thallium	Every nine years	Yes	May-13		
2	Radiological Chemicals	Every six years	N/A			
3	VOC Chemicals	Quarterly	No	Sep-16	2019	
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Jul-16	2019	
	B. Method 524	Triennially	No	Jul-16	2019	
	C. Method 525	Triennially	No	Jul-16	2019	
	D. Method 531.1	Triennially	No	Jul-16	2019	
	E. Method 547	Triennially	No	Jul-16	2019	
	F. Method 548	Triennially	No	Jul-16	2019	
	G. Method 549	Triennially	No	Jul-16	2019	
5	Nitrate	Annually	N/A	Jan-18		
6	Nitrite	Triennially	N/A	Sep-16		

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



# Violations and Significant Deficiencies

Happy Holiday RV Resort

EPA ID: 0669

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

Violation Type	Parameter	Date	Status
No Violations			

Significant Deficiency	Date Identified	Date Corrected

**EPA ID#: 0669 System Name: Happy Holiday RV Resort**

Sampler- Mr Fritz Weiss Work Phone-(605)342-7365  
Title- Manager  
Address- 8990 S Hiway 16  
Rapid City SD 57702

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

Population Served- 264 Service Connections- 199

**Sources for Happy Holiday RV Resort**

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Emergency	Treatment Plant	Non-Vulnerable	Filtration - Zeolite
05	#1	1965	750	5	Permanent	Groundwater	Vulnerable	No Treatment

**EPA ID#: 0669 System Name: Happy Holiday RV Resort**

**Common Ion Data**

*(All chemical data are reported in milligrams per liter (mg/l) except pH and Langelier 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	Langelier	NO3	F
01	Raw	09/19/95	174	365	7.88	172	0	7	2.0	42.0	11.0	0.05	0.03	2.0	18	210	0	150	+0.33	0.4	0.28
01	Raw	03/05/98	196	341	7.92	166	0	6	2.0	43.4	13.6	0.08	0.02	4.0	14	203	0	164	*0.31	0.1	0.34
01	Raw	10/04/00	232	370	7.80	164	0	94	8.0	12.0	1.0	0.03	0.01	4.0	16	200	1	30	-0.44	0.3	0.20
05	Raw	03/10/04	197	364	7.75	175	0	6	1.9	33.9	13.5	0.05	0.01	6.3	10	213	0	140	+0.02	0.6	0.28
05	Raw	06/26/07	239	375	7.88	175	0	8	2.0	45.0	14.2	0.05	0.01	4.0	10	214	0	171	+0.27	0.5	0.30
05	Raw	10/10/12	190	352	7.71	172	0	7	2.0	49.0	14.0	0.00	0.00	6.0	16	210	0	180	+0.25	0.6	0.40
05	Raw	11/17/15	176	363	8.07	168	0	8	2.2	49.4	14.5	0.00	0.00	3.5	16	205	0	183	+0.49	0.7	0.29
Averages			201	361	7.86	170	0	20	2.9	39.2	11.7	0.04	0.01	4.2	14	208	0	145		0.5	0.30

You can contact us by calling  
(206)232-5808 or write us at  
PO Box 747  
Mercer Island WA 98040

## Happy Holiday RV Resort

# 2017 Drinking Water Report

*It's your tap water!*



EPA ID: 0669



# Water Quality

*Last year, the Happy Holiday RV Resort monitored your drinking water for possible contaminants. This brochure is a snapshot of the quality of the water that we provided last year. Included are details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies.*

## Water Source

We serve more than 264 customers an average of 19,800 gallons of water per day. Our water is groundwater that we produce from local wells. The state has performed an assessment of our source water and they have determined that the relative susceptibility rating for the Happy Holiday RV Resort public water supply system is medium.

For more information about your water and information on opportunities to participate in public meetings, call (206)232-5808 and ask for Janine Kunz.

## Additional Information

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- *Radioactive contaminants*, which can be naturally-occurring or be the result of oil and gas production and mining activities.



In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants can be obtained by calling the Environment Protection Agency's Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Happy Holiday RV Resort public water supply system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

## Detected Contaminants

The attached table lists all the drinking water contaminants that we detected during the 2017 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1 – December 31, 2017. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

## 2017 Table of Detected Contaminants For Happy Holiday RV Resort (EPA ID 0669)

### Terms and abbreviations used in this table:

- \* Maximum Contaminant Level Goal(MCLG): the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- \* Maximum Contaminant Level(MCL): the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- \* Action Level(AL): the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow. For Lead and Copper, 90% of the samples must be below the AL.
- \* Treatment Technique(TT): A required process intended to reduce the level of a contaminant in drinking water. For turbidity, 95% of samples must be less than 0.3 NTU
- \* Running Annual Average(RAA): Compliance is calculated using the running annual average of samples from designated monitoring locations.

### Units:

- \*MFL: million fibers per liter
- \*pCi/l: picocuries per liter(a measure of radioactivity)
- \*ppt: parts per trillion, or nanograms per liter
- \*mrem/year: millirems per year(a measure of radiation absorbed by the body)
- \*ppm: parts per million, or milligrams per liter(mg/l)
- \*ppq: parts per quadrillion, or picograms per liter
- \*NTU: Nephelometric Turbidity Units
- \*ppb: parts per billion, or micrograms per liter(ug/l)
- \*pspm: positive samples per month

Substance	90% Level	Test Sites > Action Level	Date Tested	Highest Level Allowed (AL)	Ideal Goal	Units	Major Source of Contaminant
Copper	0.0	0	07/19/16	AL=1.3	0	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	1	0	07/19/16	AL=15	0	ppb	Corrosion of household plumbing systems; erosion of natural deposits.

Substance	Highest Level Detected	Range	Date Tested	Highest Level Allowed (MCL)	Ideal Goal (MCLG)	Units	Major Source of Contaminant
Alpha emitters	2	ND - 2	07/19/16	15	0	pCi/l	Erosion of natural deposits.
Barium	0.142		05/13/13	2	2	ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Combined Radium	2	ND - 2	07/19/16	5	0	pCi/l	Erosion of natural deposits.
Fluoride	0.3		05/13/13	4	4	ppm	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.

Please direct questions regarding this information to Mr Fritz Weiss with the Happy Holiday RV Resort public water system at (206)232-5808.