

# Annual Drinking Water Report Pooles Mobile Home Park 2016 PWSID 3181650

## **Is my water safe?**

Last year, 2016, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. There were no violations or positive bacteriological sample results.

## **Do I need to take special precautions?**

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## **Where does my water come from?**

Pooles Mobile Home Park is served by four wells located within the park. Wells have been recently connected to provide redundancy in the event of a failure of one of the wells. The wellhouses have been renovated and new pressure tanks have been installed to improve water pressure. Total coliform contamination potential has been greatly reduced with the protection of the wellheads and disinfection of the wells.

## **Source water assessment and its availability**

A source water assessment has been in process to identify potential sources of contamination.

### **Why are there contaminants in my drinking water?**

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 (EPA) Safe Drinking Water Hotline (800-426-4791).

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, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that 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; and 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 that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

### **How can I get involved?**

Contact Mr. John Franklin At Franklin Management at 757-875-2392

### **Additional Information for Lead**

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. Pooles Mobile Home Park 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-2 minutes or 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 (800-426-4791) or at <http://www.epa.gov/safewater/lead>.

# Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of 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 in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. In samples for pesticides and herbicides no contaminants were detected.

- *\*\*"We are pleased to report to you that there were no detections of total coliforms or fecal coliforms in the monthly samples collected during calendar year 2016."*

<u>Contaminants</u>	<u>MCLG</u>	<u>MCL,</u>	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	<u>or</u>	<u>TT, or</u>		<u>Low</u>	<u>High</u>			
	<u>MRDLG</u>	<u>MRDL</u>	<u>Water</u>					
<b>Inorganic Contaminants</b>								
Fluoride (ppm)	4	4	2.58	2.54	2.58	Apr 2014	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead (ppb)	0	AL=15	<2ppb	ND	<2	July 2014	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper	0	AL=120	<20ppb	ND	<20			
<b>Microbiological Contaminants</b>								
Total Coliform (positive samples/month)	0	0	0	N/A	N/A	2016	No	Naturally present in the environment
<b>Radioactive Contaminants</b>								
Beta/photon emitters (pCi/L)	0	50*	3.7	2.3	3.7	2011	No	Decay of natural and man-made deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles. *MCL=4 mrem/yr
Alpha emitters (pCi/L)	0	15	0.6	ND	0.6	2011	No	Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	0	5	1.4	0.8	1.4	2011	No	Erosion of natural deposits

\*For your info, sodium = 103 mg/l (Flowerdew EP) – 104 mg/l (Artis EP)

## **\*SODIUM INFORMATION**

*There is presently no established standard for sodium in drinking water. Water containing more than 270 mg/L of sodium should not be used as drinking water by those persons whose physician has placed them on moderately restricted sodium diets. Water containing more than 20 mg/L should not be used as drinking water by those persons whose physician has placed them on severely restricted sodium diets. For informational purposes only, we wish to point out that the most recent samples (collected 4/09/2014) indicate that your water system has a sodium content of 111 mg/L.*

**The table lists only those contaminants that had some level of detection. Many other contaminants have been analyzed but were not present or were below the detection limits of the lab equipment.**

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)
positive samples/month	positive samples/month: Number of samples taken monthly that were found to be positive
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
Level 1 Assessment	A Level 1 assessment is a study of the waterworks to identify potential problems and determine, if possible, why total coliform bacteria have been found in our waterworks.
Level 2 Assessment	A Level 2 assessment is a very detailed study of the waterworks to identify potential problems and determine, if possible, why an E. coli PMCL violation has occurred and why total coliform bacteria have been found in our waterworks on multiple occasions.
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
AL	AL: Action Level; the concentration of a contaminant that triggers a treatment or other requirement from a water system.

**For more information please contact:**

Contact Name: John Franklin  
Address:  
PO Box 339  
Yorktown, VA 23690  
Phone: 757.875.2392

**FLUORIDE:** The Poole's Mobile Home Park water system has a natural fluoride level of 2.54 -2.58 ppm. Optimal fluoride levels recommended by the U.S. Public Health Service and CDC for drinking water range from 0.7 parts per million (ppm) for warmer climates to 1.2 ppm for cooler climates to account for the tendency for people to drink more water in warmer climates. Many communities add fluoride to their drinking water to promote dental health. Each community makes its own decision about whether or not to add fluoride.

EPA has set an enforceable drinking water standard for fluoride of 4 mg/L (some people who drink water containing fluoride in excess of this level over many years could get bone disease, including pain and tenderness of the bones). EPA has also set a secondary fluoride standard of 2 mg/L to protect against dental fluorosis. Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should not drink water that has more than 2 mg/L of fluoride. Parents of young children may want to contact their dentist about proper use of fluoride-containing products.

**\*\*See additional information pages provided.**

**VIOLATION INFORMATION**

**Did any Maximum Contaminant Level (MCL), Treatment Technique (TT), or Level 1 or 2 violations occur during the year?**

**NO**

**Did any monitoring, reporting, or other violations occur during the year?**

**NO**

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

### Elevated Fluoride Levels Detected

This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/l) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system, Poole's Mobile Home Park, has a fluoride concentration of 2.54 – 2.58 mg/l.

Dental fluorosis, in its moderate or severe forms, may result in a brown staining and or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4 mg/l of fluoride (the U.S. Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4 mg/l of fluoride, but we're required to notify you when we discover that the fluoride levels in your drinking water exceed 2 mg/l because of this cosmetic dental problem.

For more information, please call Franklin Management Company at (757) 875-2392. Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you by Poole's Mobile Home Park.

State Water System ID#: 3181650.

Date distributed: 6/9/2017