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MAY 27 2011

ANNUAL DRINKING WATER QUALITY REPORT FOR 2010  
WALNUT GROVE MOBILE HOME PARK  
TUCKER HILL RD. LOCKE (T) CAYUGA COUNTY

#### INTRODUCTION:

To comply with State regulations, Walnut Grove Mobile Home Park must annually issue a report describing the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water resources.

During 2010 our tap water met all of the State drinking water standards all of the time except one month when a monthly sample was positive for marker bacteria. Subsequent check sample series were found to be satisfactory.

Monthly testing for coliform bacteria did not reveal the presence of these marker bacteria in the water the rest of the year. Random testing by the county health department produced satisfactory results as well.

If you have any questions about this report or concerning your drinking water, please contact Mr. Thaddeus M. Medrek, the state certified water system operator, at 497-3732, or Mrs. Mary Jump at the Cayuga County Health Department at 253-1405. We at park management will be happy to discuss any details of the water system with you.

#### WHERE DOES OUR WATER COME FROM?

In general, the sources of all drinking water (both tap and bottled water) includes rivers, lakes, streams, ponds, reservoirs, springs and wells. Be aware that chemically and bacterially pure water is found, or made, only in laboratory conditions. In nature, 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 activities. Contaminants that may be present in source water include: microbial contaminants; inorganic (mineral/chemical) contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants. In order to ensure that tap water is safe to drink, The State and federal EPA prescribe regulations which limit the amount of certain contaminants found in the water of community water systems like Pleasant Valley. The state health department and FDA regulations also establish limits for contaminants found in bottled water which provide the same protection for public health.

Our source of water is the deep drilled well next to the pumphouse at the upper drive. This water sources is essentially the same as the well you might obtain water from if you owned your own home with a private water supply in the country.

The water is pumped from the well and treated both by ultraviolet light irradiation and by chlorination as required by health department rulers. The well water itself has tested free of marker bacteria indicating contamination.

During 2010 our water system served some 60 people occupying 15 homes. Estimates based on pump running times indicates some 3500 gallons per day usage. This seems to be a high usage and may indicate leaks in tenants' home plumbing or the main distribution line itself. At any time, leakage in individual homes (leaky toilets, dripping taps, leaky joints, or taps kept running in cold weather) may cause great increases in daily water usage and reduction of water pressure in some homes.

#### ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

Because we do not serve you chemically pure laboratory water, there are naturally occurring contaminants in our water. As the State regulations require, we routinely test the water for numerous contaminants. These contaminants include: chlorine (added to the water to deactivate bacteria and viruses...is in itself a contaminant) is tested daily; coliform bacteria is tested for monthly by myself and annually spot checked by the health department; nitrate and nitrite is tested quarterly; lead, copper and other inorganic (metal) compounds are tested as prescribed, usually on a three year interval schedule

As mentioned earlier, chlorine is tested daily to monitor for bacteria and virus control. Monthly bacteria samples were collected and we did not detect the presence of coliform bacteria in the water, except one month mentioned earlier.

We are required to monitor the drinking water for other specific contaminants (nitrates, nitrites) on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health department and EPA standards. During 2010 the quarterly samples were within the MCL limits but at levels to require continuation or quarterly sampling.

A table showing the various chemical analysis and content of the water over the past several years is attached.

DEFINITIONS:

- 1) Maximum Contaminant Level (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL'S are kept as low as possible in the regulations and as close to the MCGL as feasible.
- 2) Maximum Contaminant Level Goal (MCGL) is the level of a contaminants below which there is no known or expected risk to health.
- 3) Milligrams per Liter ( mg/l) is the concentration of one milligram of contaminant per liter of water. Roughly equivalent to one part per million.
- 4) Microgram per Liter (mcg/l) is a concentration of one microgram of contaminant per liter of water. Roughly equivalent to parts per billion.

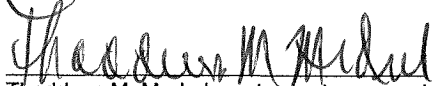
DO I NEED TO TAKE SPECIAL PRECAUTIONS?

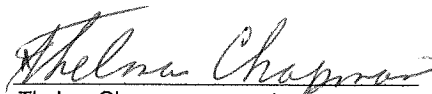
Although our drinking water met or exceeded state and federal requirements, some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have had 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 from their health care providers about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of pathogens in drinking water are available from the State Drinking Water Hotline at 1-800-426-4791.

CLOSING:

Your water supply is as safe as can be reasonably expected under State and EPA regulations. Our goal as operator of Walnut Grove Mobile Home Park is to provide you a safe and dependable water supply at all times. This report is intended to give you reasonable confidence that this goal is met.

Sincerely,

  
Thaddeus M. Medrek, water system operator

  
Thelma Chapman, property owner

# WALNUT GROVE MOBILE HOME PARK

## TABLE OF DETECTED CONTAMINANTS

<b>Table of Detected Contaminants</b>							
Contaminant	Violation Yes/No	Date of Sample	Level Detected (Avg/Max) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Total Coliform	No	6/8/10	1 positive sample	N/A	0	MCL= 2 or more positive samples	Naturally present in the environment.
Nitrate	No	3/2/10 5/6/10 8/17/10 10/4/10	3.19 3.3 3.0 2.9	mg/L	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	No	9/25/08	64	ug/L	2000	2000	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Total Trihalomethanes	No	9/29/10	2.23	ug/L	N/A	80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
Copper <sup>1</sup>	No	9/30/06	AL=16.5 11.5-17.5	ug/L	1300	AL=1300	Corrosion of household plumbing systems ; erosion of natural deposits ; leaching from wood preservatives.
Lead <sup>2</sup>	No	9/30/06	AL=1.0 ND-2.01	ug/L	0	AL=15	Corrosion of household plumbing systems; Erosion of natural deposits.
Radium-228	No	12/29/08	0.07	pCi/L	0	5	Erosion of natural deposits.

1. The level presented represents the 90<sup>th</sup> percentile of the 5 sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or greater than 90% of the copper values detected at your water system. In this case, five samples were collected at your water system and the 90<sup>th</sup> percentile value was the average of the fourth and fifth value 16.5 ug/l. The action level for the copper was not exceeded at any of the sites tested.

2. The level presented represents the 90<sup>th</sup> percentile of the 5 sites tested. The action level for lead was not exceeded at any of the sites tested.