

ANNUAL DRINKING WATER QUALITY REPORT FOR 2010
PLEASANT VALLEY MOBILE HOME PARK AND CAMPGROUNDS
DRESSERVILLE ROAD, MORAVIA (T) CAYUGA COUNTY
PUBLIC WATER SUPPLY ID #0506418

RECEIVED

MAY 26 2011

INTRODUCTION:

To comply with State regulations, Pleasant Valley Mobile Home Park and Campgrounds 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 in front of the building at 17 Ted's Way. 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 chlorinated before it is held in storage tanks to allow contact time for the chlorine to react with any bacteria in the water. The deep well water has some naturally occurring sulphur compound content but this is also negated by the chlorination process so that you do not normally taste or smell sulphur in your tap water.

During 2010 our water system served some 100 people occupying 33 homes. Normal daily usage has been some 140 gallons per day per home for a total daily usage of some 4200 gallons per day. 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 when that is detected in our daily meter readings, we search for the causes of excess water usage to correct the problems as soon as possible.

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, virus, and sulphur 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. One sample on April 14 gave an elevated reading but a resample on April 22 was below the MCL.

Samples tested for lead and copper coming from home plumbing and sink taps were collected from five homes during July, 2005. These samples showed the the water coming out of the plastic distribution lines were free of lead and copper but some sink taps do leach out minute quantities of lead and copper from the solder used in the plumbing but these were within normal, allowable limits.

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

DEFINITIONS:

- 1) Maximum Contaminan 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?

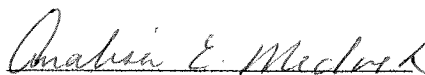
Although our drinking water met or exceeded state and federal requirements, some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have 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 Sate 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 Pleasant Valley Mobile Home Park and Campgrounds 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


Analisa E. Medrek, property owner

PLEASANT VALLEY MOBILE HOME PARK

TABLE OF DETECTED CONTAMINANTS

Table of Detected Contaminants							
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	8/17/10	1 positive sample	N/A	0	MCL= 2 or more positive samples	Naturally present in the environment.
Nitrate	No	1/4/10 5/6/10 8/17/10 10/5/10	5.6 4.72 1.39 0.47	mg/l	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	No	3/10/10	36	ug/L	2000	2000	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Total Trihalomethanes	No	8/30/10	8.45	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.
Haloacetic Acids	No	8/30/10	7.7	ug/L	N/A	60	By-product of drinking water disinfection needed to kill harmful organisms.