2009 Annual Drinking Water Quality Report
Gateway Village Mobile Home Park
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In compliance with Safe Drinking Water Act amendments by Congress of 1996 and subsequent Federal and State regulations, Gateway Mobile Home Park is pleased to provide this annual water quality report for calendar year 2008 Gateway Mobile Home Park routinely monitors for contaminants in your drinking water. For more information on the source of your water and the significant potential sources of contamination, contact the Maryland Source Water Assessment Program at the Maryland Department of the Environment at (410) 631-3714 or visit on the web www.mde.state.md.us/health/swap/

Is my water safe?

We are very pleased to provide you with this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to enduring the quality of your water. Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has never violated a maximum contaminant level or any other water quality standard.

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).

How do we monitor for contaminants?

Gateway MHP routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose a health risk.

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 storm water 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 storm water 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 storm water 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 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.

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. Gateway Village MHP 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 drinking 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 EPA Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.epa.gov/safewater/lead

Educational Statement for Nitrate

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.

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.

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sample Date	Violation	Typical Source	Plant ID
Inorganic Contaminants									
Barium (ppm)	2	2	.08	NA		03/07/05	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	01
Chromium (ppm)	NA	NA	.002	NA		03/07/05	No	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits	01
Chromium (ppm)	NA	NA	0.0016	NA		01/04/08	No	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	6.1	NA		10/1/07	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	7.5	NA		7/16/07	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	6.8	NA		4/2/07	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	5.8	NA		1/08/07	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	7.5	NA		10/06/08	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	7.5	NA		10/06/08	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	6.9	NA		07/01/08	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	8.3	NA		01/15/08	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Nitrate [measured as Nitrogen] (ppm)	10	10	11.3	NA		01/04/08	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	01
Sodium (ppm)	MNR	MNR	19	NA		03/07/05	No	Erosion of natural deposits; Leaching	01
Sodium (ppm)	MNR	MNR	17	NA		01/04/08	No	Erosion of natural deposits; Leaching	01
Copper (ppm)	1.3	1.3	0.53	0		12/31/06	No	Erosion of natural deposits; Leaching from wood preservatives; Corrosion from household plumbing systems	00
Copper (ppm)	1.3	1.3	0.53	0		09/20/06	No	Erosion of natural deposits; Leaching from wood preservatives; Corrosion from household plumbing systems	01
Lead (ppb)	0	15	14	0		12/31/06	No	Corrosion of household plumbing systems; Erosion of natural deposits	00
Lead (ppb)	0	15	14.4	0		09/20/06	No	Corrosion of household plumbing systems; Erosion of natural deposits	01
Radioactive Contaminants									
Alpha emitters (pCi/L)	0	15	2	NA		02/20/03	No	Erosion of natural deposits	01
Beta/photon emitters (pCi/L)	NA	NA	5	NA		02/20/03	No	Decay of natural and man-made deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles.	01
Synthetic organic contaminants including pesticides and herbicides									
Di (2-ethylhexyl) phthalate (ppb)	0	6	0.8	NA		11/30/05	No	Discharge from rubber and chemical factories	01

Unregulated Contaminants

Sulfate (ppm)	NA	NA	18.4	NA	02/27/02	No	Runoff/leaching from natural deposits	01
Methy-Tert-Butyl-Ether (ppb)	NA	NA	0.7	NA	11/30/05	No		01
Methy-Tert-Butyl-Ether (ppb)	NA	NA	2.6	NA	12/17/08	No		01

Units Description:

NA: Not applicable
ND: Not detected
NR: Not reported
MNR: Monitoring not required, but recommended.
ppm: parts per million, or milligrams per liter (mg/L)
ppb: parts per billion, or micrograms per liter (µg/L)
pCi/L: picocuries per liter (a measure of radioactivity)
# of monthly positive samples: Number of samples taken monthly that were found to be positive

Important Drinking Water Definitions:

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: 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.
MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL: Maximum residual disinfectant level. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

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