



CONSUMER CONFIDENCE REPORT

OUR WATER

A WATER QUALITY REPORT FOR THE WATER USERS OF *VALLEY GROVE SUBDIVISION*.

DATE REPORT WAS COMPLETED: JUNE 19, 2005

In compliance with the 1996 Safe Drinking Water Act Amendments *Valley Grove Subdivision* is providing our water users with this report on the quality of our drinking water. This report presents data compiled during the past twelve months from ***January 2004 to December 2004***

TERMS

AL	= Action Level, the concentration of a contaminant which triggers treatment or other requirement which a water system must follow
MCL	= Maximum Contaminant Level, the highest allowable amount of a contaminant that is allowed in drinking water
MCLG	= Maximum Contaminant Level Goal, the level of a contaminant in drinking water below which there is no known or expected risk to health
MFL	= million fibers per liter
mrem/year	= millirems per year (a measure of radiation absorbed by the body)
NTU	= Nephelometric Turbidity Units
pCi/l	= picocuries per liter (a measure of radioactivity)
ppm	= parts per million, or milligrams per liter (mg/l)
ppb	= parts per billion, or micrograms per liter ($\mu\text{g/l}$)
ppt	= parts per trillion, or nanograms per liter
ppq	= parts per quadrillion, or picograms per liter
TT	= Treatment Technique
Variances and Exemptions	= Permission granted by the State not to meet an MCL or treatment technique under certain conditions
Treatment Technique	= A required process intended to reduce the level of a contaminant in drinking water



You SHOULD KNOW...

Some persons 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 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 risk of infection by *Cryptosporidium* are available from the Safe Drinking Water Hotline (1-800-426-4791).

DID YOU KNOW?

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

Contaminants that may be present in source water include:

- A. Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- B. 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.
- C. Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- D. 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.
- E. 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).

OUR WATER SOURCE

Our water comes from 4 wells located in the subdivision. Well #1 is located next to the main pump house, #2 is at the west side of the park in phase 2. Well #3 is located in phase 4 of the subdivision, and #4 is now available on the east side of the park in phase 2.



TREATMENT

Our system is not presently required to treat its water. We are doing all that we can do to keep from having to treat the water. If treatment becomes necessary, we will be forced to start chlorinating the water we drink.

SOURCE WATER ASSESSMENT

A Source Water Assessment has now been completed by an engineer through grants from the government. It is now available if you contact your association.

BACTERIOLOGICAL MONITORING

Bacteriological monitoring is performed monthly to test for the presence of coliform bacteria, fecal coliform and E. coli. Our system is required to collect 1 sample per month.

Our sample results found NO bacteriological contamination throughout the year.

LEAD AND COPPER MONITORING

Date Last Sampled for Lead: September 30, 2003
90th Percentile for Lead: .003 mg/l
Number of Sites Exceeding Lead Action Level: 0

Date Last Sampled for Copper: September 30, 2003
90th Percentile for Copper: .245 mg/l
Number of Sites Exceeding Copper Action Level: 0

CHEMICAL MONITORING

Note to our water users: The state requires us to monitor for certain contaminants less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of our data (such as for organic contaminants), though representative, is more than one year old.



VOCS (VOLATILE ORGANIC CHEMICALS) – 19 REGULATED, 7 UNREGULATED
Our sampling detected the presence of **NO VOC's**
Required Sampling Frequency: **Every Three Years**
Date Last Sampled: **December 8, 2004**

SOCS (SYNTHETIC ORGANIC CHEMICALS) – 27 REGULATED, 10 UNREGULATED
Our sampling detected the presence of **NO SOC's**
Required Sampling Frequency: **Every Three Years**
Date Last Sampled: **December 8, 2004**

IOCs (INORGANIC CHEMICALS)
Our sampling detected the presence of **NO IOC's**
Required Sampling Frequency: **Every Three Years**
Date Last Sampled: **December 8, 2004**

RADIONUCLIDES
Our sampling detected the presence of **NO Radionuclides**
Required Sampling Frequency: **Every Four Years**
Date Last Sampled: **December 8, 2004**

ADDITIONAL INFORMATION

If you would like additional information regarding our water system, feel free to contact:
Rob Shackelford
P.O. Box 1082
Manhattan, MT 59741

If you would like to have any involvement with your water system, feel free to attend any board meetings. Contact a board member for locations and times of meetings.

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