



# 2009 Water Quality Report

## City of Dawsonville

### City Council Meetings:

Council meetings are typically held the first Monday of every month starting at 5:00 p.m. unless advertised differently.

NOTE: All meetings are held at City Hall in the G.L. "Pete" Gilleland Council Chambers

The public is invited to attend

P.O. Box 6  
415 Highway 53 East, Suite 100  
Dawsonville, GA 30534

### Office Hours:

Monday - Friday  
8:00 a.m. - 4:30 p.m.

Phone: (706) 265-3256  
Fax: (706) 265-4214  
www.dawsonville-ga.gov



**For more information  
or concerns  
please contact:**

Gary Barr, (pictured left)  
Public Works Director  
706-265-3256

or

Russ Chambers (pictured right)  
Public Works Assoc.  
706-974-7688

Maintenance@  
dawsonville-ga.gov



(Pictured above: Mayor, Public Works Staff & City Council with the GAWP Award)

***We are pleased to announce that the city's groundwater system was awarded the best operating system for its size by the Georgia Association of Water Professionals. We would like to assure you that every drop of water is guaranteed to be the best possible. A source water assessment was performed and the results were very pleasing. The city council is implementing rules to protect our drinking water for the future citizens.***

**The City of Dawsonville is pleased to announce that for the year 2009 the city has met and exceeded all requirements set forth by the EPA and EPD of Georgia. This report is compiled from 12 months of daily testing as well as state required tests which are performed everyday by our employees who are committed to providing you with safe drinking water.**

**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 can acquire naturally occurring minerals, in some cases, radioactive material, and substances resulting from the presence of animals or human activity. Substances that may be present in source water include:

**Microbial Contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, or wildlife;

**Inorganic Contaminants**, such as salts and metals, which can be naturally occurring or may 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 which may also come from gas stations, urban storm water runoff and septic systems; or

**Radioactive Contaminants**, which can be naturally occurring or may be the results of oil and gas production and mining activities. For more information about contaminants and potential health effects, call the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.

Substance	MCL	MCL Goal	Amount in city's System	In Compliance	Source of Substance
Chlorine	4.0 MG/L	4.0 MG/L	1.08 MG/L	YES	Required by state
Fluoride	4.0 MG/L	.70- 1.30 MG/L	1.03 MG/L	YES	Required by state for strong teeth
PH	NA	NA	7.30	yes	Minerals in water
Total Coliform Bacteria	1	0	0 (24 Test Per Year)	YES	Naturally present in surface water
TTHM's	80 PPB	NA	25.2 PPB	YES	Chlorination by-product
HAA5's	60 PPB	NA	9.34 PPB	YES	Chlorination by-product
Radiological Monitoring	NA	0	No BETA Particles Detected	YES	Radioactivity
Lead	15 PPB	NA	90th percentile 2.5 PPB	YES	Home Plumbing
Copper	1,300 PPB	NA	90th percentile 290 PPB	YES	Home Plumbing
Dichlorobenzene	3.5-6.5 PPB	NA	Low-high 4.7-5.3 PPB	YES	Chlorination by-product
Bromofluorobenzene	3.5-6.5 PPB	NA	Low-High 4.4-4.8 PPB	YES	Chlorination by-product

**Terminology:** \*Detected through testing but not required to be listed in the table.

**Action Level (AL)** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level (MCL):** The highest Level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Containment Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health.

MCLG's allow for a margin of safety.

**Milligrams Per Liter (MG/L):**

**Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contamination.

**NA:** Not applicable

**ND:** Not detected

**PPB:** Parts per billion

**Additional Health Information:** The presence of contaminants (substances) 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 at 1-800-426-4791. Additional water quality information can be found on these websites: [www.epa.gov/safewater/](http://www.epa.gov/safewater/), [www.dnr.state.ga.us/epd](http://www.dnr.state.ga.us/epd) or [www.awwa.org](http://www.awwa.org).

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 EPA's Safe Drinking Water Hotline (1-800-426-4791).

**Notice to immune-compromised people:** Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

**LEAD Specific Information:** 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. City of Dawsonville 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 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 (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.