



2011 Water Quality Report

City of Dawsonville

City of Dawsonville

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Dawsonville, GA 30534

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www.dawsonville-ga.gov

Office Hours

Monday - Friday 8:00 - 4:30

Mayor and City Council

James Grogan, Appointed Mayor
Chris Gaines, Council Member
Jason Power, Council Member
Angie Smith, Appointed Council Mbr.
Caleb Phillips, Appointed Council Mbr.

Voting Meetings at 5:00 p.m.

First Monday/month (unless a holiday)

Work Sessions at 5:00 p.m.

Third Thursday/month (as needed)

NOTE: All meetings are held at the Dawsonville Municipal Complex (City Hall) upstairs in the G.L. "Pete" Gilleland Council Chambers.

The public is invited to attend.



For more information or concerns please contact:

Gary Barr (left)

Public Works Director

706-265-3256

or

Russ Chambers (right)

Public Works Associate

706-974-7688

maintenance@dawsonville-ga.gov



Spring House
(Mayor Grogan, Public Works Director Gary Barr and Staff)

The Spring seen in this picture was constructed in 1952. It was the only source of water for Dawsonville for many years. As you can see on the back of this letter, we now have 4 production wells with 2 pre-production wells that are water source approved. Our total approximate gallons per day is 835,000 with our future wells netting approximately 300,000 additional gallons. We have two elevated storage tanks that provide 1 million gallons storage. Our average usage is around 225,000 gallons per day. We have water for today and into the future. We have not received any violations in our water system in over 5 years. We are presently replacing meters that have reached their life span. We install our own water meters and visually inspect every meter for leaks as we hand read the meters each month. We will work with you to resolve any issue you might have. Each of you are important to us. We may serve you with water, but your also our friend and neighbor, so call on us for anything you might need.

James Grogan, Mayor

The City of Dawsonville is pleased to announce that for the year 2011 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 tests and state required tests performed every day by our employees who are committed to providing you with safe drinking water.



**Production Well 106
Treatment house**



**Production Well 108 & 109
Treatment house**



**Production Well 110
Treatment house**



Pre-Production Well 111



Pre-Production Well 112



**Mayor
James Grogan**

706-265-3256



**Public Works
Director**

Gary Barr
706-429-6211



**Public Works
Associate**

Russ Chambers
706-974-7688



**Public Works
Associate**

Trampas Hansard
706-531-6454



**Part Time Public
Works Associate**

Jacob Barr
706-265-3256

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

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	1.06MG/L	YES	Required by state
Fluoride	4.0 MG/L	.70- 1.30 MG/L	1.0 MG/L	YES	Required by state for strong teeth
PH	NA	NA	8.04 PH	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 byproduct
HAA5's	60 PPB	NA	9.34 PPB	YES	Chlorination byproduct
Radiological Monitoring	NA	0	No BETA Particles Detected	YES	Radioactivity
Lead	15 PPB	NA	90 th percentile 2.5 PPB	YES	Home Plumbing
Copper	1,300 PPB	NA	90 th percentile 1300 PPB	YES	Home Plumbing
Dichlorobenzene	3.5-6.5 PPB	NA	Low-High 4.7-5.3 PPB	YES	Chlorination byproduct
Bromofluorobenzene	3.5-6.5 PPB	NA	Low-High 4.4-4.8 PPB	YES	Chlorination byproduct

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

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

MCL (Maximum Contaminant Level) - 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.

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.

MG/L: Milligrams per liter

MRDL (Maximum Residual Disinfectant Level) - 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/ , www.dnr.state.ga.us/epd or www.awwa.org ¹⁾ "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: ²⁾ "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> .