2024
WATER
QUALITY
REPORT

DADE COUNTY
WATER & SEWER
AUTHORITY

Dade County Water & Sewer Authority
2024 Consumer Confidence Report

The Consumer Confidence Report (CCR) is a document that provides consumers information about the quality of drinking water in an easy to read format. The CCR summarizes information that your water system already collects to comply with Federal and State regulations. It includes information about the source(s) of water used, contaminants, compliance with drinking water rules, educational health information and water system contact information.

Smart Water Tips for Outside Your Home:

- Repair leaks in faucets and hoses.
- Use water-saving nozzles.
- Use mulch around plants and shrubs.

Water is life...

Dade County Water & Sewer Authority
PWS#: GA0830000

P.O. Box 1047
250 Bond Street

Phone: 706-657-4341
Fax: 706-657-6778
E-mail:
customerservice@mydadewater.com

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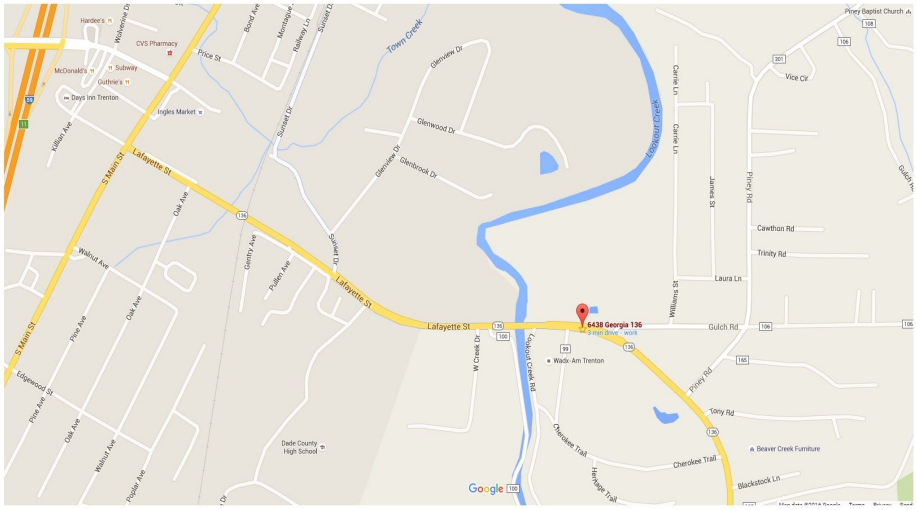
Dade County Water and Sewer Authority Information

Source of Dade County's Water

The water provided to Dade County Water and Sewer Authority's customers is surface fresh water drawn from Lookout Creek and supplemented with ground water from a well located at the water treatment plant. The map below shows the location of the two water sources.



Once the water is withdrawn from the creek or well, it is sent to the water treatment plant at Highway 136. The water then has poly-aluminum chloride added to it to cause the fine mud particles and other solids to come together and sink to the bottom of the settling basins.

The clear water is then filtered and disinfected with chlorine which makes the water safe for consumption. Fluoride is then added to the treated water to promote strong teeth and prevent dental cavities. The water is then distributed to the consumer.

The operation of the Dade County Water and Sewer Authority is conducted under the direction of the Water Authority's Board of Directors who are appointed by the Dade County Commission. The Board holds regularly scheduled meetings at 6:30 p.m. on the fourth Tuesday of each month. The meetings are open to the public and are held at the Dade County Administrative Building, located at 71 Case Ave, Trenton, GA 30752. The Dade County Water Authority business office is open daily except for holidays. Lobby hours are from 8 a.m. to 5 p.m. The customer service telephone number is 706-657-4341. For emergencies call 706-657-6097.

From the Manager's Desk

I am happy to report that there were no MCL violations again this year and that The Dade County Water and Sewer Authority met or exceeded all standards as set by the EPA.

Elizabeth V. Zeller,
General Manager

How to Read This Table

Starting with a **Substance**, read across. **MCLG** is the goal level for that substance (this may be lower than what is allowed). **MCL** shows the highest level of substance (contaminant) allowed. **Amount Detected** represents the measured amount (less is better). **Range** tells the highest and lowest amounts measured. A **Yes** under **Is It Safe?** means that the government requirement was met. **Typical Source** tells where the substance usually originates.

System Information for 2024

- Gallons of water produced each day: 2.00 Million
- Population served: 17,000*
- Square miles in service area: 174*
- 14 Water Storage Tanks
- Miles of water main: 344*

* Approximations

Smart Water Tips for Outside Your Home:

- Repair leaks in faucets and hoses.
- Use water-saving nozzles.
- Use mulch around plants and shrubs.

Smart Water Tips for Inside Your Home:

- Take shorter showers.
- Do not let the water run when shaving or brushing teeth.
- Wash only full loads of laundry.
- Run the dishwasher only when full.
- Do not use the toilet for a trash can.
- Fix leaking faucets, pipes, toilets, etc.
- Replace old fixtures; install water-saving faucets, toilets and appliances.

Additional Water Quality Parameters of Interest

This table shows average levels of additional water quality parameters which are often of interest to consumers. Values shown here are averages of operation data for 2024. Values may vary from day to day. There no health-based limits for these substances in drinking water.

Additional Water Quality Parameters of Interest		
Substance	Amount	Range
Alkalinity (ppm)	123	57-154
Hardness (ppm)	119	80-150
Iron (ppm)	0	0-0.01
Manganese (ppm)	0.02	0-0.03
Sodium (ppm)	2	0-2.0
Temperature (ºCelsius)	18	4.0 - 27.0
pH (units)	7.3	6.7-7.9

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Dade County Water and Sewer Authority accepts payments via your credit or debit card. You can go to our website, www.mydadewater.com, or call and pay over the phone! We gladly accept Visa, MasterCard and Discover! We also offer automatic payments via your checking account. Just call 706-657-4341 and speak with a customer service representative.

Water Quality Statement

We are pleased to report that during the past year, the water delivered to your home or business complied with, or was better than, all state and federal drinking water requirements. For your information, we have compiled a list in the table, showing what substances were detected in your drinking water during 2024. Although all of the substances listed below surpasses or meets all federal and state water quality regulations, we feel it is important that you know exactly what was detected and how much of the substance was present in the water.

How to Read This Table

Starting with a Substance, read across. MCLG is the goal level for that substance (this may be lower than what is allowed). MCL shows the highest level of substance (contaminant) allowed. Amount Detected represents the measured amount (less is better). Range tells the highest and lowest amounts measured. A Yes under Is It Safe? means that the government requirement was met. Typical Source tells where the substance usually originates.

Regulated Substances

Substance	MCLG	MCL	Average	Range	Is it Safe?	Typical Source
Total Coliform	0%	5%	0%	0-0%	Yes	Naturally present in the environment
Total Organic Carbon (ppm)	NA	TT	1.08	0.64-1.60	Yes	Naturally present in the environment
Turbidity (NTU)	NA	1.0	0.04	0.02-0.17	Yes	Soil runoff
Chlorine	4	4	2.3	2.09-2.37	Yes	Water additive used to control microbes
Fluoride (ppm)	4	4	0.86	0.70-1.05	Yes	Erosion of natural deposits; Water additive which promotes strong teeth.
Nitrate (ppm)	10	10	0.39	0-0.39	Yes	Runoff from fertilizer use; leaching from septic tanks; Sewage; Erosion of natural deposits.
Sodium (ppm)	NA	NA	2	0-2.2	Yes	Erosion of natural deposits; Used in water treatment.
Thallium (ppb)	0.5	2	1.2	1.2-1.2	Yes	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories.

DISINFECTION BY-PRODUCTS

Substance (units)	MCLG	MCL	Average	Range	Is it Safe?	Typical Source
Haloacetic Acids (HAA5) (ppb)	NA	60	36	21.9-52.0	Yes	By-product of drinking water disinfection
Total Trihalomethanes (TTHMs) (ppb)	NA	80	39	19.9-63.1	Yes	By-product of drinking water chlorination

Tap water samples were collected for lead and copper analyses from 30 homes in the service area.

Substance (units)	MCLG	AL	Average	Range	Is it Safe?	Typical Source
Copper (ppb)	1300	1300	53	0-120	Yes	Corrosion of household plumbing systems; Erosion of natural deposits.
Lead (ppb)	0	15	3.6	0-5.6	Yes	Corrosion of household plumbing systems; Erosion of natural deposits.

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. The Dade County Water Authority 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 or at www.epa.gov/safewater/lead.
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/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 (800-426-4791).

Table Definitions:
AL: (Action Level): The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.
MCL (Maximum Contaminant Level): The highest level 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.
NA: Not applicable.
NTU (Nephelometric Turbidity Unit): Measurement of the clarity or turbidity of water.
ppm (parts per million): One part substance per million parts water.
ppb (parts per billion): One part substance per billion parts water
TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.
* Indicates 90th percentile

This water quality report covers data collected between January 1, 2024 and December 31, 2024.

LEAD AND COPPER INFORMATION

2024 CCR Supplemental Lead and Copper CCR Information
GA-0830000 Water System

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing.

Dade County Water & Sewer Authority is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk.

- **Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly.**
- **Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water.**
- **Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes.**
- **If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact us at 706-657-4341.**
- **Licensed childcare facilities have the opportunity to request lead sampling. If you would like to request lead sampling, please contact us at 706-657-4341.**
- **If you are concerned about lead in your water and wish to have your water tested, contact Customer Service at 706-657-4341.Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at https://www.epa.gov/safewater/lead.**

Lead and Copper Range Data

Analyte	Date Sampled	MCLG	Action Level (AL)	Range		Units	Violation
				Low	High		
Lead	June 01 to Sept. 30, 2024	0	15	0.0	5.6	ppb	No
Copper	June 01 to Sept. 30, 2024	1.3	1.3	0.0	0.120	ppm	No

To access all individual Lead Tap Sample results for Dade County Water & Sewer Authority, please visit https://mydadewater.com/lead-and-drinking-water.

The Service Line Inventory (SLI) is a requirement under the Lead and Copper Rule Revisions (LCRR) to help water systems identify and replace lead service lines. It mandates that all public water systems develop and maintain an inventory of service line materials to assess the presence of lead and protect public health. The inventory will support proactive lead reduction efforts and ensure compliance with regulatory requirements to minimize lead exposure in drinking water. **To access the SLI for** Dade County Water & Sewer Authority, please visit https://gaepd.120water-ptd.com/.