

How To Reach Us

The Guntersville Water Board's business office is located at 325 Gunter Avenue in the City Municipal Building. Our business hours are 8:00 a.m. to 4:30 p.m., Monday - Friday. We have monthly Board of Directors meetings that are open to the public the first Monday of each month. Our telephone numbers are listed below.

Office: (256) 582-5931

Emergency Number:

Nights - Weekends - Holidays

(256) 506-9000

Fax: (256) 582-6923

Our Staff

Board of Directors

Jerry A. Nabors
Frank J. Richter, Jr.
John Stewart, Jr.

Office

Nancy McCoy
Debra Rhymes
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Water Treatment

James Conn
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Mitchell Redington
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Wastewater Treatment

Dale Clayton
Mark Bevill
David Estes
Lawrence Havis
Mark Helton
Jim Murphree
Brian Conner

Guntersville Water Board

is a member of:

American Water Works Association

Alabama Water and Pollution

Control Association

Alabama Rural Water Association

PWS ID# AL0000943

Thank you for allowing us to continue providing your family with clean, quality water this year. This report will be coming to you annually, and we will be continually upgrading our system to provide the highest quality water and the best service available.

PRESORTED STANDARD
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35976



Guntersville Water Board

325 Gunter Ave.
Guntersville, AL 35976



Guntersville Water Board

Guntersville, Alabama



1999 Annual Drinking Water Quality Report

GUNTERSVILLE WATER QUALITY

How Good Is It?

The Guntersville Water Board (GWB) is proud to announce that your drinking water meets or exceeds all Environmental Protection Agency and State of Alabama contaminant standards. The Guntersville Water Board has never had a violation of a contaminant level or of any water quality standard.

In our report, you will find out where your water comes from and learn various facts about treatment of your drinking water, as well as where you can receive additional information.



Facts

Guntersville Water Board provides drinking water to a population of 20,800+ residents. (Includes: State Park, visitors and Asbury Water Authority).

WATER SOURCE INFORMATION

The Guntersville Water Works takes its drinking water from the surface water at Brown's Creek Embayment on Lake Guntersville. A ground water well is located at 1511 Blount Avenue (next to Guntersville Concrete). Drinking water is also purchased from MUB - Albertville thru a surface plant drawing water from Short Creek on Lake Guntersville to supply customers on Sand Mountain. Guntersville Water supplies drinking water to the customers of Asbury Water Authority in the Asbury - Martling community.

HEALTH INFORMATION YOU SHOULD KNOW

Contaminants in drinking water can cause health problems to people with low immune systems or persons undergoing certain medical treatments, such as chemotherapy, organ transplants, HIV/AIDS and other immune system disorders. Infection from diseases from Cryptosporidium, Giardia and other microbial contaminants can be contracted through water as a carrier. The Safe Drinking Water Hotline (800-426-4791) provides information and guidelines for appropriate means to lessen and guard against the risk of infection.



Facts

Guntersville Water Board has water storage capacity of 3.45 million gallons at its 7 reservoirs.

WATER MONITORING INFORMATION

The Guntersville Water Board routinely monitors for certain contaminants in your drinking water according to federal and state laws. A table is provided showing the results of our monitoring for the January 1 - December 31, 1998 period. All drinking water, including bottled water, can contain reasonably small amounts of constituents, the presence of which does not necessarily pose a health risk.

In the table you will find many terms and abbreviations you might not be familiar with. The definition of these terms are provided in the next section and on the "Key to Table."



The Water We Drink

Summary of 1998 Water Quality Results

Key To Table

MCL: Maximum Contaminant Level
MCLG: Maximum Contaminant Level Goal
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 (ug/l)
N/A: Not applicable
[: Less than

CONTAMINANT	VIOLATION N/Y	LEVEL DETECTED		UNIT MEASURE	MCLG	MCL	SOURCE OF CONTAMINANTS
		S	W				
REGULATED CONTAMINANTS							
Alpha Emitter	N	1.6	[1.6	pCi/L	0	15	Erosion of natural deposits
Fluoride	N	.83	.81	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and alumnium factories
Nitrate	N	.10	1.46	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits
TTHM's Total Trihalomethanes	N	50*	50*	ppb	0	100	By-product of drinking water chlorination
UNREGULATED CONTAMINANTS							
Bromodichloromethane	N	.009	.003	ppb	N/A	N/A	By-product of drinking water chlorination
Chloroform	N	.04	.001	ppb	N/A	1.7	By-product of drinking water chlorination
Iron	N	.13	[.05	ppb	300	85	Corrosion of household plumbing systems; erosion of natural deposits
Nickel	N	[.010	.020	ppb	100	1.7	Erosion of natural deposits
Sulfate	N	20.4	1.40	ppm	500	30	Erosion of natural deposits
Chloride	N	9.41	8.05	ppm	250	8.6	Erosion of natural deposits
Magnesium	N	4.28	4.87	ppm	N/A	N/A	Erosion of natural deposits
Sodium	N	4.47	3.40	ppm	N/A	N/A	Erosion of natural deposits
Copper	N	.020	.034	ppm	1.3	1.3	Erosion of natural deposits
HERBICIDES USED BY TVA							
Diquat	N	.0031	N/A	ppm	20	20	
Endothall	N	[.005	N/A	ppm	100	100	
2-4D	N	[.0002	N/A	ppm	N/A	.070	

*TTHM acceptance is based on an annual average of quarterly samples.

Although we ran many tests, only these **Regulated & Unregulated** substances were found to be present. They are all below the MCLs required by EPA. The active ingredients for Herbicides currently being sprayed on Guntersville Lake for control of Aquatic Weeds are shown. These are also below MCLs required. Monitoring results for all contaminants tested are available for review at our business office.

HOW TO READ THE TABLE ...

The section marked **VIOLATION** indicates whether a contaminant was found ... N - No or Y - Yes. **LEVEL DETECTED** is the results of concentration of the contaminant measured for our 2 water sources (S - surface water, W - well) during the year. **UNIT MEASUREMENT** is the measurement of a contaminant. **MCLG** is the level of contaminant in drinking water below which there is no known or expected health risk. The **MCLG** allows for a margin of safety. The column marked **MCL** is the maximum contaminant level. This is the highest level of a contaminant allowed in drinking water. **MCLs** are set as close to **MCLGs** as feasible using the best available technology for tracing these contaminants. **SOURCE OF CONTAMINANTS** provides an explanation of a typical material or man-made origin of the contaminant.

We want to let you know the various treatment techniques used by Guntersville Water to help make your drinking water as safe and healthy as possible.



Facts

Guntersville Water Board maintains over 350 miles of water and sewer pipes in your system while treating an average of 5.5 million gallons of water and wastewater per day.

TASTE AND ODOR IN YOUR WATER

Where Does It Come From?

The Guntersville Water Board's source water is from an embayment of Brown's Creek and the Tennessee River. At certain periods during the year, the lake will go through a process called "thermal stratification." This usually happens during the spring or summer months when water temperature rises and causes the dead and decaying algae, weeds and organic matter to come to the top or cause "lake turnover," as we refer to it. When this happens, you may experience a woody or fishy odor and taste that can establish itself in your drinking water.

What Are We Doing About It?

There are various techniques and chemicals to treat taste and odor in drinking water. The one we have found to be most effective is powdered activated carbon. This chemical is added to untreated lake water at about 2 parts per million. The carbon granules will absorb the organisms in the water that can cause taste and odor. The carbon particles are settled and filtered out of the water in the conventional treatment process. If you experience taste or odor in your water, please call our office and we will send a technician to test the water. The Guntersville Water Board will continually strive to make your drinking water as palatable and pristine as possible.

CORROSIVE INHIBITOR

What Does It Do?

Guntersville Water feeds a corrosive inhibitor into the water to treat the distribution system's

pipings and water reservoirs. This product coats the lining of pipes to prevent corrosion (rust) and scaling from the distribution system entering your drinking water.

Lead and Copper

We have been using a corrosive inhibitor for about 15 years. This product also helps the leaching of lead or copper from your home plumbing. The Guntersville Water Board tested for lead/copper at 20 residences during 1998 and no contamination was found in the monitoring.

If you have any questions about the treatment or chemicals used by Guntersville Water Board, please call our office or Sunset Water Treatment Plant. We will be glad to discuss them with you.

IMPROVEMENTS TO OUR WATER SYSTEM

- Contracted this year, 1999, we will rehab the Little Mountain State Park pump station to increase pumping capacity from 200 gallons per minute to 450 gallons per minute to provide additional water supply for the State Park area and Asbury Water Authority.

- Additional Subdivisions at Riverpoint and Heritage Woods.

- New network computer system at water and wastewater treatment plants.

- Earlier improvements doubled treatment capacity at Sunset Water Plant and closed antiquated Blount Plant to meet future water demand and Alabama Department of Environmental Management (ADEM) discharge requirements.