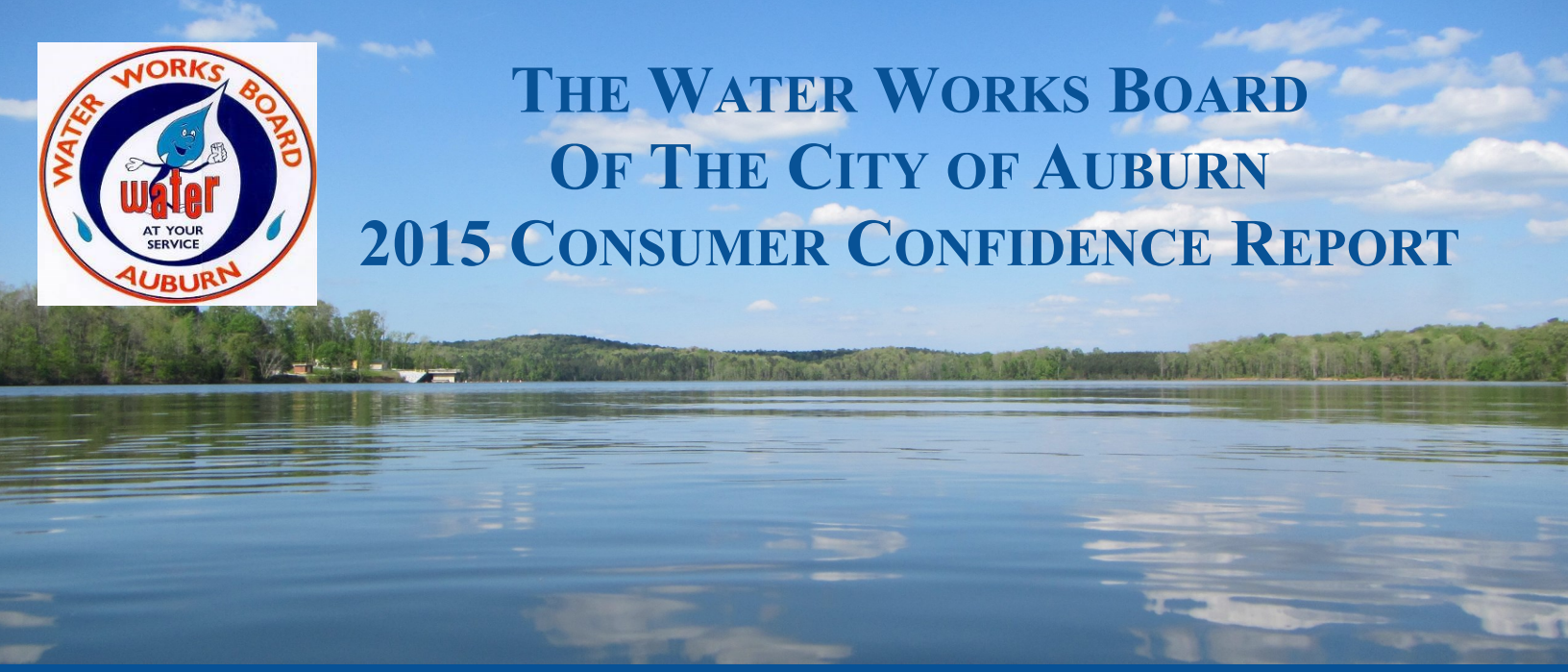
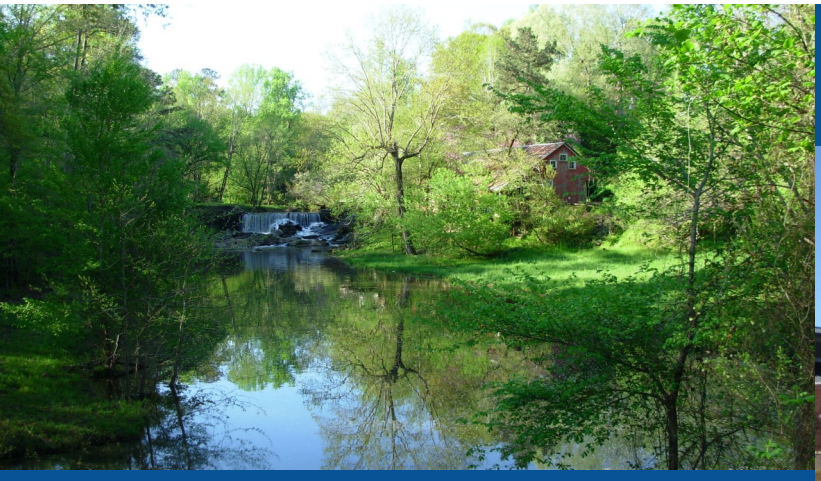


The Water Works Board Of The City of Auburn 2015 Consumer Confidence Report

OUR WATER RESOURCES

The Water Works Board of the City of Auburn (AWWB) is proud to present its 2015 Consumer Confidence Report (CCR). In compliance with Federal and State laws, the AWWB routinely monitors for numerous constituents in the drinking water. We are pleased to report that our drinking water is safe and meets all Federal and State requirements. The tables in this report illustrate the results of water quality monitoring for the calendar year 2015. This is the nineteenth issue of a series of water quality reports made available to you annually, as required by the United States Environmental Protection Agency (EPA). Reports are published mid-year for the previous year's monitoring results.

AWWB's main water supply comes from Lake Ogletree, which is located southeast of Auburn. Lake Ogletree (pictured above) is approximately 300 acres and is fed primarily by Chewacla Creek and Nash Creek. The total watershed contributing to the lake is approximately 33 square miles. In 2015, water from Lake Ogletree was utilized to produce approximately 57% of AWWB's drinking water. In an effort to meet increasing demands and to improve resiliency in its source waters, the AWWB constructed a groundwater well south of Interstate 85 in 2012. A Source Water Assessment was conducted for the well's source water protection area, and concluded that the well has a low susceptibility to contamination. This well contributed approximately 16% of AWWB's drinking water during 2015. In addition to these sources, the AWWB purchases drinking water from Opelika Utilities, which receives its raw water from Saugahatchee Lake and the Halawakee Creek Embayment on Lake Harding. Drinking water is purchased from Opelika Utilities primarily to supplement growing-season peak demands. Water purchased from Opelika Utilities accounted for approximately 27% of AWWB's drinking water in 2015. Most contaminants originate from surface runoff associated with natural deposits, automobiles, industry, construction, and animals. Therefore, in addition to mandatory monitoring of its treatment and distribution system, the AWWB voluntarily performs year-round source water monitoring within the Lake Ogletree watershed for nutrients, bacteria, trace minerals, and taste & odor causing compounds. The City of Auburn also helps protect and manage the Lake Ogletree watershed by regulating development density within its jurisdiction and working with property owners to encourage good on-site methods to manage pollutant runoff. Information on AWWB's various monitoring programs and reports is available for review at the Bailey-Alexander Water and Sewer Complex, located at 1501 W. Samford Avenue, or online at: www.auburnalabama.org/wrm-water. Please call (334) 501-3060 for more information.



Above: Chewacla Creek at the forebay of Lake Ogletree.

Below: The Bailey-Alexander Water and Sewer Complex houses field operations, administration, and billing services.

TABLE OF PRIMARY CONTAMINANTS

At high levels some primary contaminants are known to pose health risks to humans. The table below provides a quick glance of any primary contaminants detected in 2015.

Bacteriological	MCL	Highest Detected Level
Total Coliform Bacteria	< 5%	ND
Radiological	**MCL**	**Highest Detected Level**
Gross Alpha	15 pCi/L	ND
Radium 228	5 pCi/L	ND
Turbidity	**MCL**	**Highest Detected Level**
Turbidity	TT (NTU)	0.29
Inorganic Chemicals	**MCL**	**Highest Detected Level**
Antimony	6 ppb	ND
Arsenic	10 ppb	ND
Barium	2 ppm	0.02
Beryllium	4 ppb	ND
Cadmium	5 ppb	ND
Chlorine	4 ppm MRDL	1.45****
Chromium	100 ppb	ND
Copper	AL = 1.3 ppm	0.096***
Cyanide	200 ppb	ND
Fluoride	4 ppm	1.10
Lead	AL = 15 ppb	ND***
Mercury	2 ppb	ND
Nitrate	10 ppm	0.54
Nitrite	1 ppm	ND
Selenium	50 ppb	ND
Thallium	2 ppb	ND
Disinfection By-products	**MCL**	**Highest Detected Level**
Total Trihalomethanes	80 ppb	70.3**
Haloacetic acids (HAA5)	60 ppb	49.7**
Organic Chemicals	**MCL**	**Highest Detected Level**
Total Organic Carbon	TT (ppm)	1.97*****

Synthetic Organic Chemicals	MCL	Highest Detected Level
2,4,5-TP (Silvex)	50 ppb	ND
2,4-D	70 ppb	ND
Alachlor (Lasso)	2 ppb	ND
Atrazine	3 ppb	ND
Benzo(A)Pyrene	200 ppt	ND
Carbofuran	40 ppb	ND
Chlordane	2 ppb	ND
Dalapon	200 ppb	ND
DBCP (1,2 Dibromo-3-Chloropropane)	200 ppt	ND
Di(2-Ethylhexl)Adipate	400 ppb	ND
Di(2-Ethylhexl)Phthalate	6 ppb	ND
Dinoseb	7 ppb	ND
Diquat	20 ppb	ND
Endothall	100 ppb	ND
Endrin	2 ppb	ND
Glyphosate	700 ppb	ND
Heptachlor	400 ppt	ND
Heptachlor Epoxide	200 ppt	ND
Hexachlorobenzene (HCB)	1 ppb	ND
Hexachlorocyclopentadiene	50 ppb	ND
Lindane	200 ppt	ND
Methoxychlor	40 ppb	ND
Oxamyl (Vydate)	200 ppb	ND
PCB (Polychlorinated Biphenyls)	500 ppt	ND
Pentachlorphenol	1 ppb	ND
Picloram	500 ppb	ND
Simazine	4 ppb	ND
Toxaphene	3 ppb	ND

Legend for Tables

AL: **Action Level** - The concentration of a contaminant that triggers treatment or other requirement a water system shall follow.

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.

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

MRDLG: **Maximum Residual Disinfectant Level Goal** - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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 contaminants.

TT: **Treatment Technique** - A required process intended to reduce the level of a contaminant in drinking water.

ND: Not detected

N/A: Not applicable

NTU: Nephelometric Turbidity Unit

pCi/L: picocuries per liter

ppt: parts per trillion

ppb: parts per billion

ppm: parts per million

µS/cm: microsiemens per centimeter

* Annual average

** Local running annual average of quarterly samples

*** 90th percentile of samples collected

**** Compliance is based on a running annual average, computed quarterly from monthly samples

***** Running annual average of monthly samples

Volatile Organic Chemicals	MCL	Highest Detected Level
1,1,1-trichloroethane	200 ppb	ND
1,1,2-trichloroethane	5 ppb	ND
1,2-dichloroethane	5 ppb	ND
1,1-dichloroethylene	7 ppb	ND
1,2,4-trichlorobenzene	70 ppb	ND
1,2-dichloropropane	5 ppb	ND
O-Dichlorobenzene	600 ppb	ND
P-Dichlorobenzene	75 ppb	ND
Benzene	5 ppb	ND
Carbon Tetrachloride	5 ppb	ND
Chlorobenzene	100 ppb	ND
Cis-1,2-dichloroethene	70 ppb	ND
Ethylbenzene	700 ppb	ND
Styrene	100 ppb	ND
Tetrachloroethylene	5 ppb	ND
Toluene	1 ppm	ND
Trans-1,2 Dichloroethylene	100 ppb	ND
Vinyl chloride	2 ppb	ND
Xylenes	10 ppm	ND
Dichloromethane	5 ppb	ND

- **Dioxin and Asbestos Monitoring Statement:** Based on a study conducted by ADEM with the approval of the EPA, a statewide waiver for the monitoring of asbestos and dioxin was issued. Thus, monitoring for these contaminants was not required.
- **Copper and Lead** results are from the most recent testing done in 2013 in accordance with applicable regulations.

TABLE OF DETECTED CONTAMINANTS

PRIMARY STANDARDS - Mandatory standards set by the Safe Drinking Water Act used to protect public health. These apply to all public water systems.							
Turbidity	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Turbidity	NTU	TT	N/A	0.29	0.00 - 0.29	Daily	Soil runoff
Inorganic Chemicals	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Barium	ppm	2	2	0.02	Single Sample	4/15/2015	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chlorine	ppm	MRDL = 4	MRDLG = 4	1.45****	0.86 - 2.49	Daily	Water additive used to control microbes
Copper	ppm	AL = 1.3	1.3	0.096***	Zero sites above action level	Jul.-Aug. 2013	Corrosion of household plumbing systems; Erosion of natural deposits
Fluoride	ppm	4	4	1.1	0.04 - 1.10	Daily	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate	ppm	10	10	0.54	Single Sample	10/15/2015	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Disinfection By-products	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Total Trihalomethanes (TTHMs)	ppb	80	N/A	70.3**	13.1 - 70.3	Quarterly	By-product of drinking water disinfection
Haloacetic acids (HAA5)	ppb	60	N/A	49.7**	12.0 - 49.7	Quarterly	By-product of drinking water disinfection

IMPORTANT HEALTH INFORMATION FROM EPA

All drinking water, including bottled water, may be reasonably expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the United States Environmental Protection Agency (EPA) Safe Drinking Water Hotline at 1-800-426-4791.

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 land or through the ground, it dissolves naturally occurring minerals and radioactive material, and can pick up substances resulting from the presence of animals or human activity.

Some people may be more vulnerable to contaminants in drinking water than the general population. Individuals with compromised immune systems such as cancer patients undergoing chemotherapy, organ transplant recipients, individuals who have AIDS or who are HIV-positive, individuals with immune system disorders, elderly persons and infants can be particularly at risk from infections. People at risk should seek advice about drinking water from their health care providers. EPA and the Centers for Disease Control (CDC) guidelines for the appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

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 AWWB 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 *http://www.epa.gov/safewater/lead*.

INFORMATION ABOUT LEAD IN DRINKING WATER

In light of the recent national news headlines concerning lead in drinking water in other systems within the United States, the AWWB would like to share a few things with our customers concerning this topic. First and foremost, lead contamination in the drinking water is NOT AN ISSUE in our system. It should be noted that lead in drinking water does not come from water treatment plants or water mains, but in the event it is present, it is typically caused by lead service lines and household plumbing on the customer's side of the water meter.

The AWWB tests for lead and copper in our system every three years with the last samples taken in 2013. In accordance with our routine sampling plan, the AWWB will be collecting water samples for this year's lead and copper analysis between July and September 2016. The EPA first published regulations to control lead and copper levels in drinking water in 1991. The Board is not only content to comply with regulations, but to exceed these standards and fully embrace the spirit of the laws behind such regulations, namely to protect the customers and families we serve.

There are several factors protecting our drinking water from lead contamination. First, the AWWB has excellent drinking water sources that have very low corrosivity unlike systems where lead contamination has been an issue. In addition, prior to being distributed to our customer, the pH of the drinking water is adjusted at the water treatment plant so that it is balanced before it enters the system. To further safeguard against corrosion and lead/copper issues, the AWWB utilizes a corrosion inhibitor at its treatment plant that covers the interior of the pipes with a protective coating.

If you are unsure if your home contains lead pipes, a certified plumber should be able to help you determine whether or not they are present in your home. If you are concerned about lead in your water, we can help you locate a certified laboratory so that you can have it tested.

In summary, an incident such as the recent one in Michigan is highly unlikely in our system due to the quality of our exceptional water sources and our corrosion control practices. If you are interested in learning more about this topic, the EPA has several internet resources available online about this subject at: *http://www.epa.gov/dwreginfo/lead-and-copper-rule*. Should you have any questions on this topic, feel free to contact us.

TABLE OF DETECTED CONTAMINANTS

SECONDARY STANDARDS - Non-mandatory standards established as guidelines to assure good aesthetic qualities such as taste, color, and odor.							
Inorganic Chemicals	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Chloride	ppm	250	N/A	5.5	Single Sample	4/15/2015	By-product of drinking water disinfection
Color	units	15	N/A	10	ND - 10	Daily	Erosion of natural deposits
Iron	ppb	300	N/A	170	10 - 170	Daily	Erosion of natural deposits
Manganese	ppb	50	N/A	20	ND - 20	Daily	Erosion of natural deposits; Runoff from landfills
Total Dissolved Solids (TDS)	ppm	500	N/A	98	Single Sample	4/15/2015	Erosion of natural deposits
Zinc	ppm	5	N/A	0.13	Single Sample	4/15/2015	Corrosion inhibitor
pH	standard units	6.5-8.5	N/A	7.36*	6.9 - 7.7	Daily	Natural deposits
Unregulated Inorganic Chemicals	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Calcium	ppm	N/A	N/A	12.6	Single Sample	4/15/2015	Natural deposits; treatment at water plant
Specific Conductance	µS/cm	N/A	N/A	128	Single Sample	4/15/2015	Natural deposits
Carbon Dioxide	ppm	N/A	N/A	18.9*	2 - 116	Daily	Natural deposits
Magnesium	ppm	N/A	N/A	3.37	Single Sample	4/15/2015	Natural deposits
Sodium	ppm	N/A	N/A	6.11	Single Sample	4/15/2015	Natural deposits
Alkalinity	ppm	N/A	N/A	36*	25 - 53	Daily	Natural deposits
Total Hardness	ppm	N/A	N/A	38	Single Sample	4/15/2015	Natural deposits
Unregulated Organic Chemicals	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Total Organic Carbon	ppm	TT	N/A	1.97*****	1.51 - 1.97	Monthly	Naturally present in the environment
Unregulated Contaminant Monitoring Rule-3	**Units**	**MCL**	**MCLG**	**Highest Detected Level**	**Range of Detected Levels**	**Test Date**	**Likely Sources**
Chlorate	ppb	N/A	N/A	100	Single Sample	1/7/2014	Agricultural defoliant or desiccant; By-product of drinking water disinfection
Hexavalent Chromium	ppb	N/A	N/A	0.075	Single Sample	1/7/2014	Naturally-occurring element; used in making steel and other alloys
Strontium	ppb	N/A	N/A	21	Single Sample	1/7/2014	Naturally-occurring element
Vanadium	ppb	N/A	N/A	0.26	Single Sample	1/7/2014	Naturally-occurring elemental metal

AWWB NEWS AND PUBLIC INFORMATION

The AWWB continuously strives to provide the highest quality water services for the City's ever-increasing population of 60,258 (2014 U.S. Census Estimate). As part of a multi-year capital improvement and modernization effort, the AWWB has engaged in several major improvement projects over the past few years. Well No. 3 was completed in 2012 and provides another high quality drinking water source for the City. The new raw water pump station at Lake Ogletree was completed in 2014, and increases our pumping capacity at Lake Ogletree to 9.5 million gallons per day (MGD). Construction of a new spillway at Lake Ogletree began in 2015, and will improve upon the existing spillway that was constructed in the 1940's. These enhancements allow the AWWB to sustain a high level of quality and service to its customers for years to come. The AWWB encourages all customers to use our water resources wisely, and take measures to conserve water when possible. The Water Resource Management Department provides helpful information about water conservation and tips on how to conserve water resources through its website at *http://www.auburnalabama.org/waterconservation*.

The AWWB has taken proactive steps to ensure that the quality and quantity of water delivered to its customers is reliable and will be for many years to come. For more than 25 years, the AWWB has funded numerous research studies on Lake Ogletree and its surrounding watershed. One of the most important of these projects is the Source Water Monitoring Program. This includes water quality monitoring within Lake Ogletree and its contributing watershed for numerous physical, chemical, and bacteriological parameters. These data provide advanced knowledge of potential changes within the watershed, and allow for dynamic management decisions should an issue arise. Programs like this are an integral part of the ongoing effort and responsibility of the AWWB to ensure the delivery of safe and clean water.

The AWWB encourages the public to participate in the monthly Board meetings. Board meetings are typically held monthly at 4:00 P.M. on the Thursday following the third Tuesday of each month in the AWWB Conference Room of the Bailey-Alexander Complex located at 1501 W. Samford Avenue. The Water Board members are Jeff Clary, Ed.D. (Chairman), Butch Brock (Vice Chairman), Jennifer Chambliss, Esq. (Secretary), David Mines (Member), and Brad Wilson (Member). If you have any questions concerning public participation or water quality, please call the Water Resource Management Office at (334) 501-3060. If you have questions about setting up an account, water service changes or billing inquiries, please contact the Utility Billing Office at (334) 501-3050. For additional information, please visit us online at *www.auburnalabama.org/wrm*.

Monitoring Non-Compliance Notice: The Water Works Board of the City of Auburn (AWWB) is required to monitor your drinking water for specific contaminants on a regular basis. The AWWB routinely samples raw, un-treated water to monitor for the presence of cryptosporidium (crypto) and Escherichia coli (E. coli) in accordance with the Long Term 2 Enhanced Surface Water Treatment Rule (LT2). In accordance with the LT2 water sampling plan, a water sample to monitor for the presence of E. coli must be collected on the same day as the crypto sample. In April 2015 the E-coli sample was taken, however it was not taken on the same day resulting in a monitoring non-compliance violation. This non-compliance violation does not impact the quality of water delivered to our customers or our public health. If you have any questions, please feel free to contact us.

LAKE OGLETREE SPILLWAY IMPROVEMENTS

Lake Ogletree is the City of Auburn's primary drinking water source and was formed in the early 1940's when the original dam and spillway were constructed. The original spillway is over 75 years old and is in need of replacement. In late 2015 construction of a new spillway began. The new spillway will be a 5.5 cycle, 4-stage labyrinth weir, with a total weir length along the labyrinth walls of approximately 1,580 feet. The new spillway will add about 50 million gallons of storage capacity. Construction is expected to be complete in early 2017, and is another example of the AWWB's commitment to ensure the City of Auburn is supplied with safe, reliable drinking water.

WATER TREATMENT PROCESS

Water is pumped from Lake Ogletree to the James Estes Water Treatment Plant. At the plant, a staff of highly trained employees are responsible for the proper maintenance and operation of the various equipment and treatment infrastructure to ensure that your water is consistently treated to levels that meet or exceed Federal and State water quality standards. Below is a diagram outlining this process.