

ANNUAL REPORT DRINKING WATER QUALITY

Information about your water services from OXFORD WATER WORKS & SEWER BOARD

We are pleased to present to you our year 2004 water quality report. This report is designed to inform you about the quality water and service we deliver to you on a daily basis, and our constant goal being to provide you with a safe and dependable supply of drinking water.

BANK DRAFT IS AVAILABLE FROM OXFORD WATER WORKS!
Saves you: Time – Postage – Checks
Contact our Office at 831-5618 for more information.

THE OXFORD WATER AND SEWER SYSTEM:

Water Mains in Service.....286 miles
Sewer Mains in Service.....78 miles
Water Storage Tanks.....5
Water Storage Capacity.....5.4 Million Gallons
Water Production Capacity.....9.0 Million Gal Per Day
Booster Pumping Stations.....4
Public Fire Hydrants.....504
Sewer Treatment Capacity.....6.4 Million Gal Per Day
Sewer Pumping Stations.....18
Metered Connections.....8722

WHERE DOES OUR WATER COME FROM?

Oxford's Water Supply is classified as Groundwater. Groundwater classification means the water is pumped from below the surface of the ground.

Drinking water is supplied to customers of Oxford Water by five production wells that draws water from The Knox Group, Shady Dolomite Aquifer. Each well is approx. 300 feet deep and the water from each well meets all regulations without any treatment required; however, we do add some chlorine to protect the water in tanks and distribution lines, and we add fluoride for the children's teeth.

Oxford Water Works & Sewer Board is a member of American Water Works Association (AWWA), Alabama Rural Water Association (ARWA), the National Rural Water Association (NRWA), Alabama's Water Environment Association (AWEA), and the Groundwater Foundation.

If you have any questions about this report or concerning your water utility, please contact our main office. We want our valued customers to be informed about their water utility.

Main Office:

Hours 7:30 a.m. to 4:30 p.m. Monday – Friday

Location:

Oxford Water and Sewer Board
600 Barry Street (P.O. Box 3663) • Oxford, AL 36203

Phone:

256-831-5618

Water Board Meets 3rd Wednesday of each month at 12:00 p.m.

General Manager.....Wayne Livingston
General Superintendent.....Bob Fulton
Office Manager.....Jane Waldrop

The Oxford Water Works routinely monitors for constituents in your drinking water. We had tests performed for 90 constituents and only 9 were at detectable levels. All monitoring and testing were performed according to Federal and State Laws. This table shows the results of our monitoring for the period of January 1, 2004 to December 31, 2004 for Microbiological, Radioactive, Inorganic, Lead/Copper, Nitrates, Synthetic Organic (including pesticides and herbicides), Disinfection By-Products, and Volatile Organic Contaminants. All of these tests were performed in accordance with the regulatory schedule.

All drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at 1-800-426-4791.

As you can see by the table, our system had no violations. We are proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water IS SAFE at these levels.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for your understanding.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemo-therapy, 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 infection. 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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

Contaminants	Violation	Level Detected	Units	MCLG	MCL	Likely Source of Contamination
Copper	NO	0.154 0 sites above action level	ppm	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	NO	1.60 Range ND - 1.60	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (as Nitrogen)	NO	0.87 Range 0.29 - 0.87	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Trichloroethylene	NO	2.08 ND - 2.08	ppb	0	5	Discharge from metal degreasing sites and other factories
TTHM (Total trihalomethane)	NO	2.88 Range ND - 14.4	ppb	0	60	By-product of drinking water chlorination
HAA5 (Total haloacetic acids)	NO	3.62 Range 2.91 - 6.40	ppb	0	60	By-product of drinking water chlorination
Secondary Contaminants						
Chloride	NO	Avg. 3.96 Range 2.46 - 4.80	ppm	N/A	250	Naturally occurring in the environment or as a result of industrial discharge or agricultural runoff
Sulfate	NO	Avg. 2.81 Range 1.08 - 5.12	ppm	N/A	250	Naturally occurring in the environment or as a result of industrial discharge or agricultural runoff
Total Dissolved Solids	NO	Avg. 109 Range 88 - 124	ppm	N/A	500	Naturally occurring in the environment or as a result of industrial discharge or agricultural runoff