OXFORD

600 Barry Street

OUR DAILY WATER

2010 Annual Water Quality Report

Quality On Tap!

Our Commitment. Our Profession.

Definitions You Need To Know

Non-Detects (ND) – Laboratory analysis indicates that the constituent is not present

Parts per million (ppm) or Milligrams per liter (mg/l) – One part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter – One part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Parts per trillion (ppt) or Nanograms per liter – One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in $10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter – One part per quadrillion corresponds to one minute in 2,000,000,000 years, or a single penny in $10,000,000,000,000.

Picocuries per liter (pCi/l) – Picocuries per liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) – Million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) – Nephelometric turbidity unit is a measure of the clarity of the water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Variances & Exemptions (V&E) – State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

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

Treatment Technique (TT) – A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level (MCL) – The "Maximum Allowed" is 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.

Maximum Contaminant Level Goal (MCLG) – The "Goal" is the level of contaminant in drinking water below which there is no known or excepted risk of health. MCLGs allow for margin of safety.

STANDARD LIST OF PRIMARY DRINKING WATER CONTAMINANTS

Contaminant	MCL	Unit	Contaminant	MCL	Unit
Bacteriological			o-Dichlorobenzene	600	ppb
Total Coliform Bacteria	<5%	present or absent	p-Dichlorobenzene	75	ppb
Fecal Coliform & E. Coli	0	present or absent	1,2-Dichloroethane	5	ppb
Turbidity	TT	NTU	Nitrite	1	ppm
Radiological			Total Nitrate and Nitrite	10	ppm
Beta/photon emitters	4	mrem/yr	Selenium	50	ppb
Alpha emitters	15	pCi/l	Thallium	2	ppb
Combined radium	5	pCi/l	**Organic Contaminants**		
Uranium	30	pCi/l	2,4-D	70	ppb
Inorganic Chemicals			2,4,5-TP (Silvex)	50	ppb
Antimony	6	ppb	Acrylamide	TT	
Arsenic	10	ppb	Alachlor	2	ppb
Asbestos	7	MFL	Benzo(a)pyrene [PAHs]	200	ppt
Barium	2	ppm	Carbofuran	40	ppb
Beryllium	4	ppb	Chlordane	2	ppb
Cadmium	5	ppb	Dalapon	200	ppb
Chromium	100	ppb	Di(2-ethylhexyl)adipate	400	ppb
Copper	AL=1.3	ppm	Di(2-ethylhexyl)phthalate	6	ppb
Cyanide	200	ppb	Dinoseb	7	ppb
Fluoride	4	ppm	Diquat	20	ppb
Lead	AL=15.0	ppb	Dioxin [2,3,7,8-TCDD]	30	Picograms/l
Mercury	2	ppb	Chloramines	4	ppm
Nitrate	10	ppm	Chlorite	1	ppm
Endothall	100	ppb	HAA5 [Total haloacetic acids]	60	ppb
Endrin	2	ppb	1,1-Dichloroethylene	7	ppb
Epichlorohydrin	TT		cis-1,2-Dichloroethylene	70	ppb
Glyphosate	700	ppb	trans-1,2-Dichloroethylene	100	ppb
Heptachlor	400	Nanograms/l	Dichloromethane	5	ppb
Heptachlor epoxide	200	Nanograms/l	1,2-Dichloropropane	5	ppb
Heptachlorobenzene	1	ppb	Ethylbenzene	700	ppb
Hexachlorocyclopentadiene	50	ppb	Ethylene dibromide	50	ppt
Lindane	200	Nanograms/l	Styrene	100	ppb
Methoxychlor	40	ppb	Tetrachloroethylene	5	ppb
Oxamyl [Vydate]	200	ppb	1,1,1-Trichloroethane	200	ppb
Oxamyl [Vydate]	200	PCBs	1,1,2-Trichloroethane	5	ppb
Pentachlorophenol	1	ppb	Trichloroethylene	5	ppb
Picloram	500	ppb	TTHM [Total trihalomethanes]	80	ppb
Simazine	4	ppb	Toluene	1	ppm
Toxaphene	3	ppb	Vinyl Chloride	2	ppb
Benzene	5	ppb	Xylenes	10	ppm
Carbon tetrachloride	5	ppb	Chlorine	4	ppm
Chlorobenzene	100	ppb	Chlorine Dioxide	800	ppb
Dibromochloropropane	200	ppt	Bromate	10	ppb

UNREGULATED CONTAMINANTS

1,1-Dichloropropene	Bromodichloromethane	Metolachlor	Dieldrin
1,1,1,2-Tetrachloroethane	Bromoform	Metribuzin	Hexachlorobutadiene
1,1,2,2-Tetrachloroethane	Bromomethane	N-Butylbenzene	Isopropylbenzene
1,1-Dichloroethane	Butachlor	Naphthalene	M-Dichlorobenzene
1,2,3-Trichlorobenzene	Carbaryl	N-Propylbenzene	Methomyl
1,2,3-Trichloropropane	Chloroethane	O-Chlorotoluene	MTBE
1,2,4-Trimethylbenzene	Chloroform	P-Chlorotoluene	Metolachlor
1,3-Dichloropropane	Chloromethane	P-Isopropyltoluene	Metribuzin
1,3-Dichloropropene	Dibromochloromethane	Propachlor	N-Butylbenzene
1,3,5-Trimethylbenzene	Dibromomethane	Sec-Butylbenzene	Naphthalene
2,2-Dichloropropane	Dicamba	Tert-Butylbenzene	N-Propylbenzene
3-Hydroxycarbofuran	Dichlorodifluoromethane	Trichlorfluoromethane	O-Chlorotoluene
Aldicarb	Dieldrin	Chloroform	P-Chlorotoluene
Aldicarb Sulfone	Hexachlorobutadiene	Chloromethane	P-Isopropyltoluene
Aldicarb Sulfoxide	Isopropylbenzene	Dibromochloromethane	Propachlor
Aldrin	M-Dichlorobenzene	Dibromomethane	Sec-Butylbenzene

OUR DAILY WATER

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.

Oxford Water Works & Sewer Board
600 Barry Street, Post Office Box 3663
Oxford, Alabama 36203
Phone: 256-831-5618
Fax: 256-831-9063

Main Office Hours: 7:00 a.m. to 4:30 p.m. Monday—Friday

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

General Manager ..... ***Wayne Livingston***
Controller ..... ***Patrick Prater***
Engineer ..... ***Meredith Holzer***

2010 Annual Water Quality Report

For the period January through December 2009

Oxford Water Works & Sewer Board

Oxford Water Works & Sewer Board is pleased to present to you this year's 2010 Annual 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!

Saves you: Time – Postage – Checks

Contact our office at 831-5618 for more information.

THE OXFORD WATER & SEWER SYSTEM INCLUDES:

Water Mains in Service.....309 miles

Sewer Mains in Service.....122 miles

Water Storage Tanks.....5

Water Storage Capacity.....5.4 Million Gallons

Water Production Capacity.....9.0 Million Gallons Per Day

Booster Pumping Stations.....5

Public Fire Hydrants.....938

Sewer Treatment Capacity.....6.4 Million Gallons Per Day

Sewer Pumping Stations.....27

Metered Connections.....9675

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 draw water from The Knox Group, Shady Dolomite Aquifer. Each well is approximately 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.

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.

The Oxford Water Works routinely monitors for constituents in your drinking water. We had tests performed for over 90 constituents and only 10 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, 2009 to December 31, 2009 for Microbiological, Radioactive, Inorganic, Lead/Copper, Nitrates, Synthetic Organics (including pesticides and herbicides), Disinfection By-Products, and Volatile Organic Contaminants. All of these were performed in accordance with the regulatory schedule.

As you can see by the table, our system had no violations. We were 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. Please call our office if you have any questions.

Safe Drinking Water Act

What does this mean for you?

The Safe Drinking Water Act (SDWA) was signed into law on December 16, 1974. The purpose of the law is to assure that the nation's water supply systems serving the public meet the minimum national standards for the protection of public health.

The SDWA covers all public water systems with piped water for human consumption with at least 15 service connections or a system that regularly serves at least 25 individuals. The SDWA directed the U.S. Environmental Protection Agency (EPA) to establish national drinking water standards. These standards limit the amount of certain contaminants provided by public water. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water. 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. Some people may be more vulnerable to contaminants in drinking water than the general population. 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 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 at 1-800-426-4791.

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

Oxford Water Works and Sewer Board is proud to report that we met or exceeded all Federal and State Standards for drinking water during the reporting period.

Lead and Copper Compliance

The most recent testing for lead and copper compliance within the distribution system was in 2007. This testing was done in accordance with applicable regulations. No lead or copper samples exceeded the action level. 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 Oxford Water Works and Sewer Board 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 other steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at *http:www/epa.gov/safewater/lead.*

Monitoring Schedule

Constituent Monitored	Date Monitored
Inorganic Contaminants	2007
Lead/Copper	2007
Microbiological Contaminants	Current
Nitrates	2009
Radioactive Contaminants	2007
Synthetic Organic Contaminants (incl. pesticides & herbicides)	2009
Volatile Organic Contaminants	2009
Disinfection By-Products	2009

Meredith Holzer

From: Vicky Rickman [VRickman@ttlusa.com]
Sent: Thursday, March 25, 2010 2:14 PM
To: Meredith Holzer; Wayne Livingston
Subject: Oxford CCR
Attachments: OXFORD 2010 CCR.pdf; ADEM CCR Cert Form 11_06.pdf

Wayne,

Your water system's Consumer Confidence Report has been prepared by TTL at your request. The report is compiled from sampling data and other information provided by you.

Please review the attached report carefully and call or email me with any changes or improvements we need to make. We are happy to help you compile your CCR report; however, please remember that your water system is solely responsible for all information contained within the CCR and for meeting the certification and distribution deadline.

Please remember that the ADEM regulations on CCR require ***certification*** by the deadline of July 1 (a copy of the ADEM Certification form is attached for your convenience). If your system is required to mail the report to each customer, we recommend that you submit a receipt from the post office (or proof of mailing) to ADEM along with a copy of the CCR and the certification form.

We strongly recommend that you read the **ADEM Drinking Water regulations, Chapter 335-7-14-.06, Report Delivery and Recordkeeping for complete instructions.**

Please mail by *certified mail, return receipt* a copy of the CCR, the signed certification form, and your proof of mailing to ADEM at the following address ***before*** July 1:

Alabama Department of Environmental Management
P. O. Box 301463
Montgomery, AL 36130-1463

ATTENTION: Ms. Laura Taylor

We appreciate your business!

Thanks,
Vicky

TTL
Vicky Rickman
3516 Greensboro Avenue
Tuscaloosa, AL 35401
Ph 205.345.0816
Fax 205-343-0635
vrickman@ttlinc.com

CALENDAR YEAR 2010
CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Water System Name: Oxford Water Works & Sewer Board

PWSID No.: 0000162

I affirm that the attached Consumer Confidence Report (CCR) for the above referenced Public Water System has been distributed to customers, and the appropriate notices of availability have been given, in accordance with ADEM Administrative Code R 335-7-14. The information contained in the CCR is correct and consistent with the compliance monitoring data previously submitted to ADEM.

Furthermore, if drinking water was supplied to other Public Water System(s) for more than 60 consecutive days during the year, a copy of the applicable compliance monitoring data was mailed or supplied to the purchasing system(s) on the following date:

April 6, 2010

Certified by: Signature: Wayne Livingston

Print Name: Wayne Livingston

Title: General Manager

Phone #: 256-831-5611

Date: 6/15/10

ADEM Form 347 11/06 m1

OXFORD WATER WORKS

2010 Annual Water Quality Report
(for period January through December 2009)

Oxford Water Works *routinely* monitors for constituents in your drinking water according to Federal and State laws. This report contains results from the most recent monitoring which was performed in accordance with the regulatory schedule.

Constituent Monitored	Date Monitored
Inorganic Contaminants	2007
Lead/Copper	2007
Microbiological Contaminants	current
Nitrates	2009
Radioactive Contaminants	2007
Synthetic Organic Contaminants (including pesticides and herbicides)	2009
Volatile Organic Contaminants	2009
Disinfection By-products	2009

As you can see by the following table, our system had no violations. 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. We are pleased to report that our drinking water is safe and meets federal and state requirements.

TABLE OF DETECTED DRINKING WATER CONTAMINANTS

Contaminants	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Copper	NO	0.165 * 0 > AL	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Nitrate (as Nitrogen)	NO	0.40-0.98	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
1,1-Dichloroethylene	NO	ND-0.63	ppb	7	7	Discharge from industrial chemical factories
Trichloroethylene	NO	ND-4.65	ppb	0	5	Discharge from metal degreasing sites and other factories
Secondary Contaminants						
Chloride	NO	2.30-4.34	ppm	n/a	250	Naturally occurring in the environment or as a result of industrial discharge or agricultural runoff
Hardness	NO	104-146	ppm	n/a		Naturally occurring in the environment or as a result of treatment with water additives
Iron	NO	ND – 0.13	ppm	n/a	0.30	Naturally occurring in the environment; erosion of natural deposits; leaching from pipes
pH	NO	7.62-8.04	S.U.	n/a	n/a	Naturally occurring in the environment or as a result of treatment with water additives
Sulfate	NO	1.48-6.26	ppm	n/a	250	Naturally occurring in the environment or as a result of industrial discharge or agricultural runoff
Total Dissolved Solids	NO	108-168	ppm	n/a	500	Naturally occurring in the environment or as a result of industrial discharge or agricultural runoff

* Figure shown is 90th percentile and # of sites above action level (1.3 ppm) = 0

* * * COMMUNICATION RESULT REPORT (APR. 6.2010 12:09PM) * * *

TTI OXFORD WATER DPT

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
131 MEMORY TX		12563584842	OK	P. 2/2

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-2) BUSY
E-3) NO ANSWER
E-4) NO FACSIMILE CONNECTION

P O BOX 3663 OXFORD AL 36203
FAX: 256-831-9063
PHONE: 256-831-5618

OXFORD WATER WORKS AND SEWER BOARD

Fax

To: Karen **From:** Meredith Holzer

Fax: 256-358-4842 **Pages:** 2

Phone: 256-358-4841 **Date:** 4/6/10

CC:

Results from Water Quality Report

Urgent ☒ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:**

Munford Water

* * * COMMUNICATION RESULT REPORT (APR. 6.2010 12:07PM) * * *

TTI OXFORD WATER DPT

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
130 MEMORY TX		8205926	OK	P. 2/2

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-2) BUSY
E-3) NO ANSWER
E-4) NO FACSIMILE CONNECTION

P O BOX 3663 OXFORD AL 36203
FAX: 256-831-9063
PHONE: 256-831-5618

OXFORD WATER WORKS AND SEWER BOARD

Fax

To: Eddie Knight **From:** Meredith Holzer

Fax: 256-820-5926 **Pages:** 2

Phone: 256-820-3940 **Date:** 4/6/10

CC:

Results from Water Quality Report

Urgent ☒ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:**

Calhoun County Water

* * * COMMUNICATION RESULT REPORT (APR. 6.2010 12:11PM) * * *

TTI OXFORD WATER DPT

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
132 MEMORY TX		12057637394	OK	P. 2/2

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-2) BUSY
E-3) NO ANSWER
E-4) NO FACSIMILE CONNECTION

P O BOX 3663 OXFORD AL 36203
FAX: 256-831-9063
PHONE: 256-831-5618

OXFORD WATER WORKS AND SEWER BOARD

Fax

To: Chip Chandler **From:** Meredith Holzer

Fax: 205-763-7394 **Pages:** 2

Phone: 205-763-7777 **Date:** 4/6/10

CC:

Results from Water Quality Report

Urgent ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:**

City of Lincoln

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☒ **P.O. Receipt for Money**	Finance Number	Unit ID	**AIC Number**
Receipt for: *(indicate purpose)* Postage			Amount $ 6.32
Received from: *(show address only when receipt is mailed)*		Permit Number or SSN ***(Employees only)***	

☐ **P.O. Box/Caller Service Fees**

Information on your PS Form 1093, *Application for Post Office Box or Caller Service*, must be updated if it is changed. For regulations pertaining to P.O. Boxes, see rules for use of Post Office Boxes and Caller Service on PS Form 1093.

Customer name:	Amount $	**AIC Number**
Box/Caller Number(s)	☐ For one semiannual payment period **(AIC 158)** ☐ For annual payment period **(AIC 115)** ☐ Reserved Number Fee **(AIC 115)** (Ending date / /) *(mm/dd/yyyy)*	Postmark
Certifying Signature		

DeARMANVILLE AL
JUN 22 2010
USPS 36257

PS Form 3544, July 2004 (PSN: 7530-03-000-3768) Distribution: Original - Customer; Duplicate - File with PS Form 1412

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JUN 22 2010
USPS - 36257

Sent To ADEM-ATTN: LAURA TAYLOR

Street, Apt. No.; or PO Box No. PO BOX 301463

City, State, ZIP+4 MONTGOMERY, AL 36130-1463

PS Form 3800, August 2006 See Reverse for Instructions