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BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

City of Olive Branch
 Public Water Supply Name

00170015
 List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*
- Advertisement in local paper
 On water bills
 Other u.s. mail

Date customers were informed: 7/23/12

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: 7/23/12

- CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: _____

Date Published: / /

- CCR was posted in public places. *(Attach list of locations)*

Date Posted: / /

- CCR was posted on a publicly accessible internet site at the address: www.obms.us

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

[Signature]
 Name/Title (President, Mayor, Owner, etc.)

8-14-12
 Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
 Phone: 601-576-7518

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City of Olive Branch 2011 0170015

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

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 infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water source is from five(5) wells pumping from the Sparta, Tallahatta and Winona-Tallahatta Aquifers and two connections with Memphis Light gas and Water.

Source water assessment and its availability

Our final susceptibility ranking is moderate. You can view a copy of our Source Water Assessment at the City of Olive Branch Department of Public Works located at 10175 Hwy 178 Olive Branch, Ms.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (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, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater

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runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

The Mayor and Board of Alderman hold regular meetings on the first and third Tuesday of each month at 6:30 PM in the Olive Branch Municipal Court Room located at 6900 Highland St. For more information about these meetings contact the City Clerks Office at 662-892-9213.

Special monitoring requirements violations

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was in the optimal range of 0.7-1.3 ppm and was 92%.

Additional Information for Lead

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. Olive Branch 0170015 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>.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless

otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	4	4	0.95	0.95	1.22	2011	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	6	NA		2011	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	4	NA		2011	No	By-product of drinking water disinfection
Inorganic Contaminants								
Nitrate [measured as Nitrogen] (ppm)	10	10	0.08	0.08	0.52	2011	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.02	0.02	0.02	2011	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Antimony (ppb)	6	6	0.5	0.5	0.5	2011	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.5	0.5	0.5	2011	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.0161	0.0161	0.0252	2011	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.5	0.5	0.5	2011	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	0.5	0.5	0.5	2011	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints

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Chromium (ppb)	100	100	0.5	0.5	0.5	2011	No	Discharge from steel and pulp mills; Erosion of natural deposits
Mercury [Inorganic] (ppb)	2	2	0.5	0.5	0.5	2011	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Selenium (ppb)	50	50	2.5	2.5	2.5	2011	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0.5	0.5	0.5	2011	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
Cyanide [as Free Cn] (ppb)	200	200	15	15	15	2011	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Fluoride (ppm)	4	4	0.7	0.7	0.9	2011	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2	2010	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	2	2010	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
MCLG	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	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.

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TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variations and Exemptions	Variations and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection 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	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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Lynn Cannon

Address:

10175 Hwy 178

Byhalia, MS 38611

Phone: 662-893-5209

Fax: 662-893-5254

E-Mail: rcannon@obms.us

PS Form 3602-R - Standard Mail - Permit Imprint

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Final

Postage Summary

Account Holder:	TOTAL GRAPHICS 3075 GOODMAN RD E, STE 20 SOUTHAVEN, MS 38672 Contact: GERALD DRUMWRIGHT (662) 253-0038	Mailing Agent:		Org. For Mailing Is Prepared:	OLIVE BRANCH PUBLIC WORKS 10175 HIGHWAY 178 OLIVE BRANCH, MS 38654 -3301		
Account Number:	1412029						
Permit:	Permit Imprint 1 Price Eligibility: Regular CRID: 3609272			Processing Category:	Letters		
Post Office Of Mailing:	MEMPHIS TN 38101-9651	Mailers Mailing Date:	07/23/2012	CRID: 8564434	CRID: 8564434		
Post Office of Permit:	MEMPHIS TN 38101-9651			Weight of Single Piece:	0.0105 lbs.		
Total Pieces:	16,991 pcs.	Total Weight:	178.4055 lbs.	Total Postage:	\$ 3,557.17		
Sequencing Date:		Address Matching Date - Automation:	07/16/2012	Address Matching Date - Carrier Route:			
No of Containers:	1' MM Trays 32	2' MM Trays 1	2' EMM Trays	Flat Trays	Sacks	Pallets	Other
Statement Sequence No	0001 to 0002						
Move Update Method:	NCOALink	NSA:	NO				
Mail-piece is a Product Sample: NO				Mailpieces contain a DVD/CD or other Disk: NO			
Incentive/Discount Claimed: N/A				Type of Fee: N/A			
Mail Arrival Date and Time: 07/23/2012 17:25				Payment Date and Time: 07/23/2012 18:45			
Comments:							

Part A: Automation Letters

Line Number	Entry Discount	Title	Description	Price	Quantity	Subtotal Postage	Discount Total	Fee Total	Postage
A3	NONE	AADC	Letters 3.3 oz (0.2063 lbs) or less	0.262	159pcs.	41.6580	0	0	\$ 41.6580
A4	NONE	Mixed AADC	Letters 3.3 oz (0.2063 lbs) or less	0.278	1528pcs.	424.7840	0	0	\$ 424.7840
A9	DSCF	5-Digit	Letters 3.3 oz (0.2063 lbs) or less	0.199	13115pcs.	2,609.8850	0	0	\$ 2,609.8850
A10	DSCF	3-Digit	Letters 3.3 oz (0.2063 lbs) or less	0.217	1759pcs.	381.7030	0	0	\$ 381.7030
A11	DSCF	AADC	Letters 3.3 oz (0.2063 lbs) or less	0.219	32pcs.	7.0080	0	0	\$ 7.0080
A23									
						Standard Mail Automation Letters Subtotal (Lines A1-A22)			\$ 3,465.0380
						Part A Total (Line A23 minus A24)			\$ 3,465.0380

Part B: Nonautomation Letters

Line Number	Entry Discount	Title	Description	Price	Quantity	Subtotal Postage	Discount Total	Fee Total	Postage
B2	NONE	Mixed AADC	Machinable Letters 3.3 oz (0.2063 lbs) or less	0.281	64pcs.	17.9840	0	0	\$ 17.9840
B5	DSCF	AADC	Machinable Letters 3.3 oz (0.2063 lbs) or less	0.222	334pcs.	74.1480	0	0	\$ 74.1480
						Part B Total (Add lines B1-B27)			\$ 92.1320
						Total Postage From All Parts			\$ 3,557.17

Certification

The mailer's signature certifies acceptance of liability for and agreement to pay any revenue deficiencies assessed on this mailing, subject to appeal. If an agent signs this form, the agent certifies that he or she is authorized to sign on behalf of the mailer, and that the mailer is bound by the certification and agrees to pay any deficiencies. In addition, agents may be liable for any deficiencies resulting from matters within their responsibility, knowledge, or control. I hereby certify that all information furnished on this form is accurate, truthful, and complete; that the mail and the supporting documentation comply with all postal standards and that the mailing qualifies for the prices and fees claimed; and that the mailing does not contain any matter prohibited by law or postal regulation. I understand that anyone who furnishes false or misleading information on this form or who omits information requested on the form may be subject to criminal and/or civil penalties, including fines and imprisonment.

Signature

Signature of Mailer or Agent	Name of Mailer or Agent	Telephone
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Facsimile Form 3602-R

USPS Use Only

Weight of a Single Piece	Are figures at left adjusted from mailer's entries? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Give Reason
Total Pieces 16,991 pcs.	Date Mailer Notified
Total Weight 849.6500 lbs.	Contact
Total Postage \$3,557.17	By (Initials)
Presort Verification: Check One (If Applicable) <input type="checkbox"/> Not Scheduled <input checked="" type="checkbox"/> Performed	
I CERTIFY that this mailing has been inspected concerning: (1) eligibility for postage price claimed; (2) proper preparation (and presort where required); and (3) proper completion of postage statement, and (4) payment of annual fee (if required).	
Verifying Employee's Signature	Verifying Employee's Name
	Round Stamp Required
Optional Procedure No	Location Code 0948N
	Mailing Date

Facsimile Form 3602-R

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Verification	Request Source	Performance Status	Disposition	Performance Type	Performance Percentage	Additional Postage	Cost Avoidance
eMIR Cursory review		Not Performed	N/A		N/A		
Weigh Entire Mailing	Mailer declared information is in error or incomplete	Performed	N/A	Weigh Verification Error	100%	N/A	N/A
MERLIN	Verification not requested by system	Not Performed	N/A		N/A		
Content Eligibility	Verification not requested by system	Not Performed	N/A		N/A		
Total:						\$0.00	\$0.00

This mailing has been inspected concerning:
 (1) eligibility for postage prices claimed;
 (2) proper preparation (and presort where required);
 (3) proper completion of postage statement; and
 (4) payment of annual fee (if required).