

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION  
CALENDAR YEAR 2015

City of Meridian

Public Water Supply Name

ID # 0380005

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.

Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill) the month of June and July
- Email message (MUST Email the message to the address below)
- Other \_\_\_\_\_

Date(s) customers were informed: \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: 6 / 2 / 2016 see attached list under "mailed"

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: \_\_\_\_/\_\_\_\_/\_\_\_\_

- As a URL (Provide URL \_\_\_\_\_)
- As an attachment
- As text within the body of the email message

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) see attached list Date Posted: 5 / 11 / 2016

CCR was posted on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):  
posted 5/16/16 see attached

**CERTIFICATION** letter to PWS dated June 6, 2016, see attached  
I hereby certify that the 2015 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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.

Rich Quisenberry Public Works Director  
Name/Title (President, Mayor, Owner, etc.)

8-25-16  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:

[water\\_reports@msdh.ms.gov](mailto:water_reports@msdh.ms.gov)

**CCR Due to MSDH & Customers by July 1, 2016!**

| Contaminants   |        | MCLG  | MCL, T1, or MRDL | Your Water | Range   | Sample Date | Violation | Typical Source  |
|--|--------|-------|------------------|------------|---------|-------------|-----------|---|
| Disinfectants & Disinfectant By-Products   |        |       |                  |            | Low     | High        |           |   |
| (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)  |        |       |                  |            |         |             |           |   |
| THMs (Total Trihalomethanes) (ppb)   | N/A    | 80    | 10.3             | 5.97       | 13.75   | 2014        | No        | By-product of drinking water disinfection   |
| Halocetic Acids (HAA5) (ppb)   | N/A    | 50    | 2.3              | 1          | 3       | 2014        | No        | By-product of drinking water disinfection   |
| Chlorine (as Cl <sub>2</sub> ) (ppm)   | 4      | 4     | 1.90             | 0.70       | 3.40    | 2015        | No        | Water additive used to control microbes   |
| <b>Inorganic Contaminants</b>  |        |       |                  |            |         |             |           |   |
| Nitrate (measured as Nitrogen) (ppm)   | 10     | 10    | <0.08            | <0.08      | <0.08   | 2015        | 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   | 2015        | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.  |
| Nitrate-Nitrite (as Nitrogen) (ppm)  | 10     | 10    | <0.1             | <0.1       | <0.1    | 2015        | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.  |
| Cyanide (as Free Cl) (ppm)   | 0.2    | 0.2   | <0.015           | <0.015     | <0.015  | 2015        | No        | Discharge from plastic and fertilizer factories; discharge from steel/metal factories   |
| Fluoride (ppm)   | 4      | 4     | 0.67             | 0.0        | 1.3     | 2015        | No        | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.          |
| Arsimony, Total (ppm)  | 0.006  | 0.006 | <0.0005          | <0.0005    | <0.0005 | 2015        | No        | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder   |
| Arsenic (ppm)  | 0      | 0.010 | <0.0005          | <0.0005    | <0.0005 | 2015        | No        | Erosion of natural deposits; runoff from orchards, runoff from glass and electronics production wastes                              |
| Barium (ppm)   | 2      | 2     | 0.0334           | 0.0288     | 0.0379  | 2015        | No        | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits  |
| Beryllium, Total (ppm)   | 0.004  | 0.004 | <0.0005          | <0.0005    | <0.0005 | 2015        | No        | Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries            |
| Calcium (ppm)  | 0.005  | 0.005 | <0.0005          | <0.0005    | <0.0005 | 2015        | No        | Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints |
| Chromium (ppm)   | 0.1    | 0.1   | 0.001            | 0.0008     | 0.0012  | 2015        | No        | Discharge from steel and pulp mills; erosion of natural deposits  |
| Mercury (ppm)  | 0.002  | 0.002 | <0.0005          | <0.0005    | <0.0005 | 2015        | No        | Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and croplands                           |
| Selenium (ppm)   | 0.05   | 0.05  | <0.0025          | <0.0025    | <0.0025 | 2015        | No        | Discharge from petroleum refineries; erosion of natural deposits; discharge from mines  |
| Thallium, Total (ppm)  | 0.0005 | 0.002 | <0.0005          | <0.0005    | <0.0005 | 2015        | No        | Leaching from ore-processing sites; discharge from electronics, glass, and drug factories   |
| <b>Microbiological Contaminants</b>  |        |       |                  |            |         |             |           |   |
| Total Coliform (positive samples/month)  | 0      | 5     | 0                | N/A        | N/A     | 2015        | No        | Naturally present in the environment  |
| Fecal Coliform/E. coli - in the distribution system (positive samples)   | 0      | 0     | 0                | N/A        | N/A     | 2015        | No        | Human and animal fecal waste  |
| A violation occurs when a routine sample and a repeat sample, in any given month, are total coliform positive, and one is also fecal coliform or E. coli positive. |        |       |                  |            |         |             |           |   |
| <b>Radionuclide Contaminants</b>   |        |       |                  |            |         |             |           |   |
| Uranium (ug/L)   | 0      | 30    | <0.5             | N/A        | N/A     | 2012        | No        | Erosion of natural deposits   |
| <b>Volatile Organic Compounds</b>  |        |       |                  |            |         |             |           |   |
| 1,2,3-Trichlorobenzene (ppb)   | 70     | 70    | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from textile-finishing factories  |
| o-1,2-Dichloroethylene (ppb)   | 70     | 70    | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| Xylenes (ppm)  | 10     | 10    | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from petroleum factories; discharge from chemical factories   |
| Dichloromethane (ppb)  | 0      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from pharmaceutical and chemical factories  |
| p-Dichlorobenzene (ppb)  | 600    | 600   | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| Vinyl Chloride (ppb)   | 75     | 75    | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| 1,1-Dichloroethylene (ppb)   | 7      | 7     | <0.5             | <0.5       | <0.5    | 2014        | No        | Leaching from PVC piping; Discharge from plastics factories   |
| trans-1,2-Dichloroethylene (ppb)   | 100    | 100   | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| 1,1,1-Trichloroethane (ppb)  | 0      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| Carbon Tetrachloride (ppb)   | 200    | 200   | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from metal degreasing sites and other factories   |
| 1,2-Dichloropropane (ppb)  | 0      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from chemical plants and other industrial activities  |
| Trichloroethylene (ppb)  | 0      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| 1,1,2-Trichloroethane (ppb)  | 3      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from metal degreasing sites and other factories   |
| Tetrachloroethylene (ppb)  | 0      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from industrial chemical factories  |
| Chlorobenzene (monochlorobenzene) (ppb)  | 100    | 100   | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from factories and dry cleaners   |
| Benzene (ppb)  | 0      | 5     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from chemical and agricultural chemical factories   |
| Toluene (ppm)  | 1      | 1     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from factories, leaching from gas storage tanks and landfills   |
| Ethylbenzene (ppb)   | 1      | 1     | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from petroleum refineries   |
| Styrene (ppb)  | 100    | 100   | <0.5             | <0.5       | <0.5    | 2014        | No        | Discharge from rubber and plastic factories; Leaching from landfills  |
| <b>Inorganic Contaminants</b>  |        |       |                  |            |         |             |           |   |
| Lead - Action level at consumer taps (ppb)   | 0      | 15    | 2                | 2014       | 2014    | 0           | No        | Corrosion of household plumbing systems; Erosion of natural deposits  |
| Copper - action level at consumer taps (ppm)   | 1.3    | 1.3   | 0                | 2014       | 2014    | 0           | No        | Corrosion of household plumbing systems; Erosion of natural deposits  |

| Contaminants                                 |     | MCLG | AL | Your Water | Sample Date | # Samples Exceeding AL | Exceeds AL | Typical Source   |
|--|-----|------|----|------------|-------------|------------------------|------------|--|
| <b>Inorganic Contaminants</b>                |     |      |    |            |             |                        |            |  |
| Lead - Action level at consumer taps (ppb)   | 0   | 15   | 2  | 2014       | 2014        | 0                      | No         | Corrosion of household plumbing systems; Erosion of natural deposits |
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3  | 0  | 2014       | 2014        | 0                      | No         | Corrosion of household plumbing systems; Erosion of natural deposits |

RECEIVED - WATER SUPPLY

ME 2016 JUN 23 10 13 32

City of Meridian

A better longitude on life.

**2015 Annual Drinking Water  
Quality Report**

**May 6, 2016**

**PWS ID # 0380005**

The City of Meridian is pleased to present to you this year's Annual Water Quality report. This report is designed to inform you about the quality of the water we produce and services we deliver to you everyday. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and to protect our water resources. We are committed to insuring the quality of your drinking water.

Our water source consists of eight wells pumping from the LOWER WILCOX AQUIFER. The depth of these wells range from 747' to 948'. A source water assessment has been completed by the Mississippi State Department of Health and can be reviewed in the utility billing office at 311 27th Ave.

**THE CITY IS PLEASED TO REPORT THAT OUR DRINKING WATER MEETS OR EXCEEDS ALL FEDERAL AND STATE REQUIREMENTS.**

The City of Meridian routinely monitors for 154 constituents or potential contaminants in your drinking water according to Federal and State Laws. Of these 154 constituents, we had **0 detects in 2015**. The table on the back shows the results of our monitoring for the period of **January 1st to December 31st, 2015**.

**Fluoride.** To comply with the "Regulation Governing Fluoridation of Community Water Supplies", MS0380005 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that the average fluoride sample results were within the optimal range of 0.7—1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7—1.3 ppm was 72%.

**Important Information Regarding Your Drinking Water**

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All 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 Safe Drinking Water Hotline at 1-800-426-4791.

**VULNERABILITY:**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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/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 ( 1-800-426-4791).

**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. The City of Meridian 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>

**QUESTIONS:**

We at the City of Meridian work around the clock to provide top quality water to every tap. If you have any questions about this report or concerning your water utility, please contact Jimmy Eckman, Chief Utility Plant Operator, at 1598 B-Street or call 601-485-1975. We want our valued customers to be informed about their water utility.

**If you want to learn more please attend our scheduled meeting on Tuesday, July 19, 2016 at 4:00 PM, in the Auditorium on the 3rd floor of City Hall at 601 23rd Avenue.**

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Sincerely,

Hugh Smith, Public Works Director

**DID YOU KNOW? The City of Meridian:** Was incorporated on February 10, 1860. Has a population of 41,148. Covers 54.3 square miles. Has 330 miles of paved streets with 6,637 street lights. Has approximately 16,321 water services in place with an average of 13,198 active accounts. Maintains approximately 430 miles of water lines, 445 miles of sewer lines and maintains approximately 65 lift stations. Has two freshwater treatment plants that produced 2.1 billion gallons of water in 2015. Has 5 above ground storage tanks that have the total capacity of storing 12 million gallons of water. Has two wastewater treatment plants that treated approximately 2.6 billion gallons of raw sewage last year. Employs 425 full time workers and approximately 80—85 part time workers during the summer. Bad Debt was less than .0085 of 1% of total services billed. For every \$100 billed all but \$ 0.85 cents was collected.

In the data table on the reverse of this page 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.

| Unit descriptions        |  |
|--------------------------|--|
| Term                     | Definition   |
| µg/L                     | Number of micrograms of substance in on liter of water |
| ppm                      | parts per million or milligrams per liter (mg/L)       |
| ppb                      | parts per billion, or micrograms per liter (µg/L)      |
| positive samples/yr      | the number of positive samples taken that year         |
| % positive samples/month | Percent of samples taken monthly that were positive    |
| NA                       | not applicable   |
| ND                       | not detected   |
| NR                       | Monitoring not required, but recommended               |

| Important Drinking water Definitions |   |
|--------------------------------------|---|
| Term                                 | Definition  |
| MCLG                                 | Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no know 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   |
| TT                                   | Treatment Technique: a required process intended to reduce the level of a contaminant in drinking water.  |
| AL                                   | Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.   |
| Variances and Exemptions             | State or EPA permission not to meet an MCL or a treatment technique under certain conditions  |
| MRDLG                                | Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no know 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                             |
| MNR                                  | Monitored Not Regulated   |
| MPL                                  | State Assigned Maximum Permissible Level  |





A better longitude on life.

City of Meridian
Water and Sewerage
P.O. Box 231
Meridian, MS 39302-0231
www.meridianms.org

PHONE (601)485-1950
EMERGENCY (601)485-1975

OFFICE HOURS:
8:15AM - 5:00PM
OPEN: MON - FRI
CLOSED: Weekends
& Holidays

Table with columns: Account Number, Service Address, Service Period, Due Date, Bill Date, Service, Meter #, Read Type, Curr Read, Prev Read, Amt Used (CU.FT., GAL), Amount. Includes rows for Previous Balance, Payment, Water, Sewerage, Tax, and a summary row for CUT OFF DATE 05/21/2015 and TOTAL DUE 748.37.

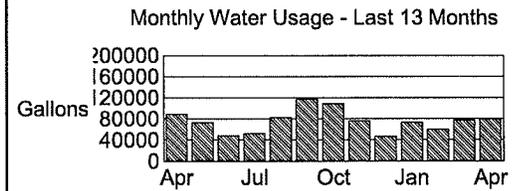
Should your bill reflect a previous balance, payment of the previous balance is due immediately. Failure to pay the previous balance may result in an interruption of service. Due date and Cut off dates apply only to current charges.

PAYMENT OPTIONS

- Payments can be made:
- By Bank draft. Please call and a customer representative will help you.
- By mail. Make checks payable to: City of Meridian. Use the envelope provided for your mail-in. Do not send Cash
- At Citizens National Bank Drive-Thru, 1015 23rd Ave. (All payments received here will be posted the following business day).
- At Night Drop. Located on the sidewalk at the 6th Street entrance of City Hall.
- In Person at City Hall, 601 23rd. Ave. or on the Web, at <https://utility.meridianms.org/>

All charges are due by the due date.

Any Previous Balance is subject to disconnection.



Important information, about your drinking water, is available in the "2015 Consumer Confidence Report", and can be seen at the following link : www.meridianms.org/ccr2015/ccr\_report\_fy\_2015.pdf
You may request a hard copy by calling our office Monday-Friday 7am-3pm at 601-484-6836 or 601-485-1975

NO OTHER NOTICE WILL BE SENT.

PLEASE BRING ENTIRE BILL IF PAYING IN PERSON



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City of Meridian
P.O. Pox 231
Meridian, MS 39302-0231
Return Service Requested

Check here to receive a hard copy of CCR

PLEASE DETACH AND RETURN BOTTOM PORTION IF PAYING BY MAIL

Table with 2 columns: Field Name, Value. Fields include Statement Number (612876), Due Date (05/20/2015), Cut Off Date (05/21/2015), Amount Due On/Before (\$ 748.37), Amount Due after 05/20/2015 (\$ 753.37), Please Enter Amount Paid (\$).

CAROUSEL PLACE APTS % IRM
PO BOX 994
MARLTON, NJ 80530-0994

\*612876\*
City of Meridian
P.O. Pox 231
Meridian, MS 39302-0231

Customer Number: 101953 Location Number: 515294

