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

CITY OF BILOXI  
Public Water Supply Name

240001, 240036, 240084

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)
- Email message (MUST Email the message to the address below)
- Other US Postal Service

Date(s) customers were informed: 6/23/16, 6/21/16, 6/21/16

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used TO All water customers US Postal Services

Date Mailed/Distributed: 6/27/16

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: 6/27/16

- As a URL (Provide URL WWW.MS.US/RESIDENTS/WATER-QUALITY/)
- 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: The Biloxi-D'Iberville Press

Date Published: 6/23/16

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

Date Posted: 6/27/16

CCR was posted on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):

WWW.BILOXI.MS.US/RESIDENTS/WATER-QUALITY/

**CERTIFICATION**

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.

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

6/27/16  
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

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

2016 MAY 18 PM 4: 08

2015 Annual Drinking Water Quality Report  
City of Biloxi  
PWS#: 0240001,0240036 & 0240084  
May 2016

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. 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 protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Pascagoula Formation, Graham Ferry Formation and the Miocene Series Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Biloxi PWS have received lower to higher susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Tracey Forehand at 228-435-6271. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first, third, and last Tuesdays of each month at 1:30 PM at the Biloxi City Hall located at 140 Lameuse Street.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2015. In cases where monitoring wasn't required in 2015, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants 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 storm-water 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 storm-water 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 and septic systems; 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. All drinking water, including bottled drinking 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 indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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

*Maximum Contaminant Level (MCL)* - The "Maximum Allowed" (MCL) 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"(MCLG) is 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.

*Maximum Residual Disinfectant Level (MRDL)* - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

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

*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.

**PWS ID#: 0240001****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2014*	.7	.5 - .7	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2014*	.0312	.0022 - .0312	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2014*	7.4	2 - 7.4	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2014*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2014*	.429	.203 - .429	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2014*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2014*	2.7	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfection By-Products</b>								
81. HAA5	N	2015	23	7- 20	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2015	48	7 - 49	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2015	1	.2 - 4	mg/l	0	MDRL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Chloromethane	N	2013*	0.394	No Range	UG/L	0	MRL 0.2	Halogenated alkane; used as foaming agent, in production of other substances, and by-product that can form when chlorine used to disinfect drinking water
Chromium-6	N	2013*	0.045	0.039 - 0.045	UG/L	0	MRL 3.03	Naturally- occurring element; used in making steel and other alloys. Forms are used for chrome plating, dyes and pigments, leather tanning and wood preservation
Strontium	N	2013*	37.346	7.479 - 37.346	UG/L	0.3	MRL 0.3	Naturally-occurring element found in the earth's crust and at low concentrations in seawater, and in some surface and ground water; cobaltous chloride was formerly used in medicines and as a germicide
Vanadium	N	2013*	.258	.21 - .258	UG/L		MRL 0.2	Naturally-occurring elemental metal; used as vanadium pent oxide which is a chemical intermediate and a catalyst

**PWS ID#: 0240036****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2015	.0039	.0014 - .0039	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2015	1.7	1.3 – 1.7	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2012/14*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2014*	15	No Range	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
16. Fluoride	N	2015	.402	.271 - .402	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2012/14*	3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2014*	26	21 - 26	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2014*	36.7	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2015	1.30	.3 – 2.3	mg/l	0	MDRL = 4	Water additive used to control microbes

**PWS ID#: 0240084****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2015	.0068	.0031 - .0068	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2015	3.2	1.6 – 3.2	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2011/13*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2014*	30	No Range	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
16. Fluoride	N	2015	.369	.175 - .369	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2011/13*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2014*	22	10 - 22	ppb	0	60	By-Product of drinking water disinfection.

82. TTHM [Total trihalomethanes]	N	2014*	26.92	13.1 – 26.92	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2015	1.6	.30 – 3.9	mg/l	0	MDRL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Chromium-Total	N	2013*	1.975	No Range	UG/L	0	MRL 3.03	Naturally- occurring element; used in making steel and other alloys. Forms are used for chrome plating, dyes and pigments, leather tanning and wood preservation
Strontium	N	2014*	36.187	8.539 - 36.187	UG/L	0.3	MRL 0.3	Naturally-occurring element found in the earth's crust and at low concentrations in seawater, and in some surface and ground water; cobaltous chloride was formerly used in medicines and as a germicide
Vanadium	N	2013*	2.15	.209 – 2.15	UG/L		MRL 0.2	Naturally-occurring elemental metal; used as vanadium pent oxide which is a chemical intermediate and a catalyst

\* Most recent sample. No sample required for 2015.

As you can see by the table, our system had no violations. We're 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 however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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. Our water system 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>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. 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 the 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.

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/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.

The City of Biloxi works around the clock to provide top quality water to every tap. 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.

# PROOF OF PUBLICATION

P.O. BOX 1209  
BILOXI, MS 39533

STATE OF MISSISSIPPI  
COUNTY OF HARRISON

Before me, the undersigned Notary Public of Harrison County, Mississippi, personally appeared **VICKI L. FOX** who, being by me first duly sworn, did depose and say that she is a clerk of **THE BILOXI-D'IBERVILLE PRESS** newspaper published in Harrison County, Mississippi, and that publication of the notice, a copy of which is hereto attached, has been made in said paper 1 times in the following numbers and on the following dates of such paper, viz:

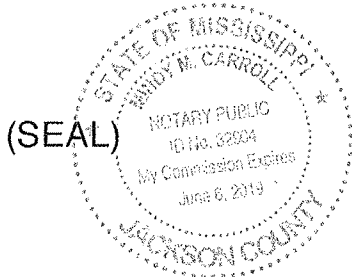
**Vol. 44 No. 03 dated the 23 day of June 2016**

Affiant further states on oath that said newspaper has been established and published continuously in said county for a period of more than twelve months next prior to the first publication of said notice.

Vicki L. Fox  
Clerk

Sworn to and subscribed before me this the 23rd day  
of June, 2016.

M. M. Carroll  
NOTARY PUBLIC



Printer's Fee: \$ 1,134.00

Furnishing proof of Publication: \$ \_\_\_\_\_

Total Cost: \$ 1,134.00

P.O. 20164733



DEPARTMENT OF THE AIR FORCE  
AIR EDUCATION AND TRAINING COMMAND (AETC)

20 June 2016

MEMORANDUM FOR TEAM KEESLER

FROM: 81 AMDS/CC

SUBJECT: Annual Water Quality Report For 2015

1. The Bioenvironmental Engineering (BE) Flight is pleased to present this year's Annual Water Quality Report (aka Consumer Confidence Report [CCR]) as required by the Safe Drinking Water Act (SDWA). The 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. The US Environmental Protection Agency (EPA) requires a drinking water quality summary report be published within six months of the year's end and made available to all drinking water system customers.


2. You can view and download the report at the following web address:

<http://www.keesler.af.mil/Portals/14/160620-F-XX123-001.pdf>

3. The Bottom Line: Our water is considered safe to drink in accordance with all SDWA standards. No contaminants exceeded USEPA standards in 2015, and no action is required for Keesler AFB consumers. In addition to water quality data, the report also contains useful information such as how to conserve water and additional resources available from the EPA.

4. A physical copy of the report will be provided by the BE Flight on request. To request a physical copy of the report in person, the BE office is located in building 420 on Fisher Street, next to the Fisher House and across the street from the Sablich Center. Office hours are typically 0730-1630 M-F.

5. Please contact the BE Flight Commander, Major Dan Schneider, by e-mail at [SNIDC1B@us.af.mil](mailto:SNIDC1B@us.af.mil) or at (228) 376-0590 if you have any questions regarding the contents of this letter or the Consumer Confidence Report.

  
FREEMAN HOLFELD, JR., Lt Col, USAF, BSC  
Commander, 81<sup>st</sup> Aerospace Medicine Squadron



**DEPARTMENT OF THE AIR FORCE**  
AIR EDUCATION AND TRAINING COMMAND (AETC)  
KEESLER AIR FORCE BASE, MISSISSIPPI

28 June 2016

MEMORANDUM FOR RECORD

FROM: 81 AMDS/SGPB

SUBJECT: Public Location Notification of 2015 Annual Water Quality Report (Consumer Confidence Report) for Keesler AFB

On 27 June 2016, TSgt Jeffrey Sison and SrA Randi Miller from Bioenvironmental Engineering (BE) flight provided a physical copy of the 2015 Annual Water Quality Report Notice in the following locations:

- Base Housing Office
- Base Gym
  - Blake Fitness Center Bldg. 1201
  - Dragon Fitness Center Bldg. 4106
  - Triangle Fitness Center Bldg. 7504
- Base Dining Facilities
  - Live Oak Dining Facility Bldg. 2001
  - Azalea Dining Facility Bldg. 6960
  - Magnolia Dining Facility Bldg. 7409
  - Hungry Dragon Bldg. 468
- Base Dormitory Manager's Office
  - Biloxi Hall Bldg. 6223
  - Gulfport Hall Bldg. 4908
  - Ocean Springs Hall Bldg. 4904

A handwritten signature in black ink, appearing to read "D. Schneider".

DANIEL J. SCHNEIDER, Maj, USAF, BSC  
Bioenvironmental Engineering Flight Commander