

RECEIVED-WATER SUPPLY
2017 MAY -9 PM 3: 11

CERTIFICATION

Consumer Confidence Report (CCR)

Naval Construction Battalion Center Gulfport

Public Water Supply Name

PWS ID No. 0240060

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 _____

Date(s) customers were informed: 04 / 26 / 2017 / / / /

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

Date Mailed/Distributed: / /

- CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: 04 / 26 / 2017
 - 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)* Date Posted: 05 / 02 / 2017

- CCR was posted on a publicly accessible internet site at the following address **(DIRECT URL REQUIRED)**:
https://cnic.navy.mil/content/dam/cnic/cnrse/NCBC_Gulfport/Final%20NCBCGPT%202016%20Water%20Quality%20CCR.pdf

CERTIFICATION

I hereby certify that the 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

CHRISTOPHER MATTHEW GUNDERSON
Name/Title (President, Mayor, Owner, etc.)

08 MAY 2017
Date

Submission options (Select one method ONLY)

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Fax: (601) 576 - 7800

Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!



Inside the Gate



For the following details of information and more, visit www.cnbc.navy.mil/gulfport. Want your news or event posted? Let us know by sending an email to ncbc_gpt_pao@navy.mil or call 228-871-2699. All content in this publication shall be made available for purchase, use or patronage without regard to race, color, religion, gender, national origin, age, marital status, physical handicap, political affiliation or any other non-merit factor of the purchaser, user or patron.

Naval Construction Battalion Center, Gulfport, Mississippi

April 25, 2017

www.cnbc.navy.mil/gulfport

NEW! Broad Ave. Gate Hours - Did you know Broad Ave. gate has new weekday hours? The hours are Monday through Friday, 6 to 8:30 a.m. - open for inbound and outbound traffic, 11 a.m. to 1 p.m. - open for inbound and outbound traffic and 3 to 5 p.m. - open for outbound traffic only.

2016 Water Quality Consumer Confidence Report (CCR)
The 2016 Water Quality Consumer Confidence Report is now online at https://cnbc.navy.mil/content/dam/cnbc/cnrse/NCBC_Gulfport/Final%20NCBCGPT%202016%20Water%20Quality%20CCR.pdf.

Fleet and Family Support Center

◦ **Child Abuse Prevention Month** - April is Child Abuse Prevention Month at Fleet and Family Support Center. There will be events and outreach activities throughout the month to raise awareness of child abuse. For more information call FFSC at 228-871-3000.

• **Sexual Assault Awareness & Prevention Month** - April is Sexual Assault Awareness & Prevention Month at Fleet and Family Support Center. There will be events and outreach activities throughout the month. Wear Teal on Tuesdays to help raise awareness. There will be a SAPR Lunch and a 5K SAPR run. For more information call FFSC at 228-871-3000.

Long Beach School transfer notice

As of March 27, 2017, Long Beach School District is not taking any more off base-out of district transfers for the remainder of this year.

Long Beach School tuition notice

On Feb. 15, the Long Beach School Board of Trustees voted to require all active duty military families who do not live in military housing on base or within the attendance zone of LBSD to pay tuition in the amount of \$850 per year for each child beginning 2017-2018 school year. Any military families/students (in good standing-no excessive absences, tardy, disciplinary issues) that currently attends LBSD and lives off base-out of district will be allowed to return to LBSD by paying tuition. Any military families not currently attending LBSD who live or move off base-out of LBSD will go on a waiting list. For more information please contact the school district at 228-864-1146.

Please Don't Pour - That's Our Front Door

Storm Water Pollution Prevention is Everybody's Business. Report illicit discharges to: Environmental Office at 228-871-2373.

Seabee Memorial Chapel

What's happening at the Seabee Memorial Chapel - Visit the Chapel Facebook page for updates: <https://www.facebook.com/ncbcchapel>, email: gulfportchapel.fct@navy.mil, or for more info., please contact: RP2 Shoemaker: 228-871-2454.

• **Problem Solving Training:** April 27 from noon to 4 p.m. Do you have an upcoming decision to make, or just want to get better at handling life's little stressors? Come learn how to more effectively find the best solution to your problems. Contact Gulfport CREDO at ray.doss.ctr@navy.mil or 228-871-3504 to register.

• **Myers-Briggs Type Indicator:** May 17, 9 a.m. to noon. Come learn more about yourself and your personality through the Myers-Briggs Type Indicator (MBTI) assessment. Learn what your Personality type is, what you can do, and how you work best with others. For more information, and to register, please

FREE SNEAK PREVIEW - ONE SHOWING ONLY! - Guardians of the Galaxy: Vol 2 - April 29 at 2 p.m., doors open at 12:30 p.m. Please remember no electronics (phones, tablets, laptops) are allowed inside. No advance tickets; first come, first served; no saved seats.

contact CREDO at 228-871-3504 or ray.doss.ctr@navy.mil
• **safeTALK:** Every third Thursday in the Chapel Fellowship Hall, 9 a.m. to noon. Be better prepared to recognize the signs of suicide, and to get the person to help as quickly as possible. Become a suicide alert helper! Contact CREDO Gulfport at ray.doss.ctr@navy.mil or 228-871-3504 to register.

2017 Active Duty Fund Drive Run for Relief 5K and Military Challenge

The 13th Annual Run for Relief 5k is scheduled for May 6 at 8 a.m. at Run-N-Tri at 9138 Carl Legett Rd, Gulfport. The Pre-Registration Fee is \$15. Register at www.racesonline.com. The Race Day Registration Fee is \$20 (Cotton t-shirt size guaranteed for all pre-registered runners).

NAVY EDUCATION SERVICES

The Navy College Office no longer has a Director onsite, however, information on Programs of Study, Navy TA, Colleges and Universities are still available in Building 60, Room 239. Also, on-base representatives from the following Navy Partnership Schools are available throughout the week to speak with students on a one-on-one basis.

- **Fort Hays State University**, Dr. David Drye: daviddrye@att.net, drdrye@mil.fhsu.edu or 228-223-4926, Mondays from 7 a.m. to 1 p.m.
- **Coastline Community College**, Roxanne Towles: etowles@coastline.edu or 228-871-3439, Tuesday-Thursday, 8 a.m. to 4 p.m.
- **Mississippi Gulf Coast Community College**, Alrie Poillion: alrie.poillion@mgccc.edu or 228-897-3795 Monday-Thursday, 8 a.m. to 4 p.m.
- **National Testing Center** remains open for **CLEP and DSST exams**. Testing Center hours are Monday - Thursday, 7:30 a.m. - 12:30 p.m. Information may be obtained from Foster Flint at fflint@coastline.edu or 228-327-4817. Note: All CLEP and DSST exams are free for service members taking exams for the first time.

Fitness Center

- **Pool Hours:** Monday, Wednesday, Friday 6 a.m. - 1:30 p.m.; Tuesday, Thursday 6 a.m. - 5:30 p.m.; Saturday 10 a.m. - 4 p.m.
- All Month - Cycling, Yoga, Functional Fitness (NOFFS), Water Aerobics and Zumba workouts available.
- Become your best self with help from the **Personal Trainers** at the NCBC Fitness Center. Free for active duty and reservist, All other eligible patrons \$45 for 5 sessions. Sign up today at the front desk 228-871-2668.
- **Stand Up Paddle Boarding In The Pool** - Beginners Class First Two Weeks In May: Tues 8-10 a.m. and Thurs 3-5 p.m. Free - Register at Aquatics.
- Do you need **Swim Lessons**? Sign-ups begin May 1 228-871-2668.

Check out our website for details - www.navywmwrgulfport.com, call the Fitness Center at 228-871-2668 or email us at NavyFitness_GULFPORT_fct@navy.mil for more info.

Auto Skills Center

Did you know that you could sell your vehicle, boat, or trailer at the MWR Resale Lot – great rates/high exposure For details 228-871-2804.

Anchors and Eagles

Building 303, is the perfect place for you to come and unwind. Open Tuesday - Thursday, 2-6 p.m. (E7 and above.) Monthly social is the fourth Thursday of the month with FREE food! The fun begins at 3:30 p.m.

Learning Resource Lab

Do you know about the Navy MWR Digital Library? Check it out here: www.NavyMWRDigitalLibrary.org. Questions? Call 228-871-2231

The Grill

For the month of April start your morning off right with the Egg in a Basket (your choice of ham or sausage) with hash brown cakes & coffee for ONLY \$4.50! Building 418, Open Monday – Friday 7 a.m. – 1:30 p.m. for breakfast and lunch. FREE lunch delivery available 11 a.m. – 1 p.m.; call 228-871-2494.

Navy Community Recreation Information Tickets & Travel

Stop in and pick up discounted tickets to local events! Your Tickets & Travel office now has tickets available for: **Infinity Science Center, and Honey Island Swamp Tours AND BILOXI SHUCKERS BASEBALL TICKETS for just \$10!**

- Did you know we sell discounted tickets and vacation packages to resorts and amusement parks nationwide? Start making your holiday plans now! New Disney Salute prices and Disney Cruise specials are available NOW! **New Universal Studios 2017 Military Promotion Tickets Are Available!**

Sign up today for Crafts & Cocktails: Flower Pots on May 5 for just \$35!

- SUMMER IS ALMOST HERE!!! Let us help you plan your vacation today. Call Tickets and Travel now! Come in and see us or call 228-871-2231 for info.

Seabee Cinema

Bldg 446 Marvin Shields Blvd. – Regular movie showings Friday- Sunday of every week! **Beauty & The Beast (PG); CHIPs (R); Power Rangers (PG-13); Logan (R); Life (R)** Get the schedule at www.navymwrgulfport.com or call the 24-hour Movie Hotline at 228-871-3299.

Liberty Center

Check out what's happening this week at Liberty! For more information, call the Liberty Center at 228-871-4684. This week's YAC activities:

- April 24 – 5:30 p.m., **Movie Monday: Summer Blockbusters – Finding Dory, Free Popcorn**
- April 25 – 6 p.m., **Tournament Tuesday: Ping Pong, 1st Place Prize**
- April 26 – 6 p.m., **DIY Wednesday: Mother's Day Watercolor Cards, You make 'em, We'll mail 'em!**
- April 27 – 6 p.m., **Liberty on Wheels @ ANG Base, Games & Prize!**
- April 28 – 6 p.m., **Crawfish Festival Shuttle, FREE**
- April 29 – 8 a.m. – 5 p.m., **Dauphin Island & Estuarium Day Trip, ONLY \$10!**

The Hive

All Hands Club at Building 352 – Open Wednesday and Thursday, 6 – 10:30 p.m., Friday and Saturday, 6 – 11:30 p.m. Enjoy seven TVs for sports action, unwind with darts, pool or video games, and enjoy choice music! Bring your own video games and enjoy relaxed gaming!

MWR Extreme Teen Center

Open Monday-Friday, 3:30 to 8:30 p.m. and Friday 3:30 to 9 p.m. NCBC Gulfport Teen Center is open to 13 - 18 year olds currently enrolled in middle and high school and who have access to NCBC Gulfport. Register at the Youth Activities Center (YAC), Building 335, Bainbridge Road. Call 228-871-2251.

Youth Activities Center (YAC)

Bldg. 335- FREE Tuesday- Thursday 5:30-8:30 p.m.; Friday 6-9 p.m.

Open Youth/Teens: Tuesday-Thursday 5:30 - 8:30 p.m.; **Movie Night/Dances/Pool/Teens:** Friday 6 - 9 p.m.; **Open Recreation/Field Trips:** Saturday; Register at the YAC, Building 335, Bainbridge Avenue.

- April 25 – 5:30-8:30 p.m., **Drama Matters: Toilet Paper Icebreaker, Free**
- April 26 – 5:30-8:30 p.m., **Capture the Flag!, Free**
- April 27 – 5:30-8:30 p.m., **End Result of Rubber Egg Experiment, Free**
- April 28 – 6 p.m.-9 p.m., **Movie Night w/ Nachos & Drink, \$2**
- April 29 – 9 a.m. - 4 p.m., **Hattiesburg Zoo, \$5**

Navy Community Recreation Outdoor Rental Center

Your one stop shop for all outdoor fun equipment! Make the most of the cool weather and rent an A-liner-two new now in stock! Call today for details, 228-871-2127!

Let us know how we're doing!

We want to know how to better serve YOU! There are several ways to leave feedback for MWR.

- Step into any of our facilities and fill out a comment card.
- Discuss the concern with any facility manager.
- Send us a message/comment on our Facebook page, Twitter or Instagram.
- Submit an ICE comment card at http://ice.disa.mil/index.cfm?fa=site&site_id=456

Volunteer your time

Volunteer opportunities on base or in the community are available and will provide an opportunity to make a difference. Anyone can volunteer, just contact the POC and let them know you are interested. Go to https://www.cnrc.navy.mil/regions/cnrse/installations/ncbc_gulfport/news/volunteer-opportunities.html

Outside the Fence Line

For a listing of more events in and around South Mississippi, go to <http://www.gulfcoast.org/events/> Disclaimer: These events are not base events and are subject to change/cancellation without notice.

Gulfport Harbor Farmers Market

The Gulfport Harbor Farmers Market is open Wednesdays from 9 a.m. to 1 p.m. in the Barksdale Pavilion in Jones Park in Gulfport.

Cinema by the Sea

Movies at Cinema by the Sea at Jones Park. Movies will start at dusk on the 3rd Friday of every month. The free movies will be shown at the Jones Park Center Canopy. Gulfport Police will be present at all events. No alcohol, tobacco use, soliciting or vagrancy is allowed. Children under 18 must be accompanied by an adult.

Long Beach Farmers Market

A STATE CERTIFIED FARMERS MARKET, is open Saturdays, 8 a.m. to noon on Jeff Davis & 4th St. Please follow us on Facebook - The Farmers Market at Long Beach.

Public Water System (PWS) – ID No. 0240060

NCBC Gulfport - 2016 Water Quality Consumer Confidence Report

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?

Naval Construction Battalion Center (NCBC) Gulfport receives water from the Graham Ferry aquifer. The Graham Ferry aquifer is part of the Miocene aquifer system that consists of multiple layers of sand separated by beds of clay. A U.S. Geological Survey study of groundwater in Harrison County found that aquifers deeper than 500 feet were artesian. The groundwater from NCBC Gulfport water supply is pumped from three wells that are well in excess of 700 feet.

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 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 best mechanism to get involved consists of participating in Housing Residence meetings. The most current information about the meetings may be obtained by contacting the Housing Office at (228) 871-2586 or Belfour Beatty Community at (228) 863-0424.

The Consumer Confidence Report (CCR) will not be mailed to customers, but is posted on the NCBC Gulfport Environmental webpage. A hard copy of the CCR can be obtained from the Center's Environmental Office located in Building 322, Room 103 or by emailing a request for a copy to kenton.lottinger@navy.mil. The PWD Environmental Division encourages all consumers that have concerns or questions to contact them directly at (228) 871-2373.

Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank

and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.

- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

Cross Connection Control Survey

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/Radiant heater (water heaters not included)
- Underground lawn sprinkler system
- Pool or hot tub (whirlpool tubs not included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

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. Naval Construction Battalion Center 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>. NCBC Gulfport periodically tests for lead in your water in accordance with EPA and Mississippi State Department of Health (MSDH) regulatory requirements. Your water's lead level is well below the Action Level (AL) as indicated in the Water Quality Data Table.

Other Reporting:

To comply with a Department of Defense initiative to increase military personnel dental readiness, in late 2014 fluoride was added in accordance with EPA and MSDH standards. Although, there is some naturally occurring fluoride in the water, to achieve dental readiness the level must be maintained within the range of 0.7-1.3 ppm with 0.8 ppm being the optimal level.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", MS0240060 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 100%.

Additional Information for Arsenic

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

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 or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection 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	.9	.5	1.99	2016	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	3	1	3	2014	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	7	NA	NA	2014	No	By-product of drinking water disinfection
Inorganic Contaminants								
Antimony (ppb)	6	6	.5	.5	.5	2015	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	.5	.5	.5	2015	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	.0054	.0054	.0079	2015	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	.5	.5	.5	2015	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	.5	.5	.5	2015	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	1	1	1.1	2015	No	Discharge from steel and

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
								pulp mills; Erosion of natural deposits
Cyanide (ppb)	200	200	15	15	15	2014	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Fluoride (ppm)	4	4	.129	.129	.233	2015	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Mercury [Inorganic] (ppb)	2	2	.5	.5	.5	2015	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Nitrate [measured as Nitrogen] (ppm)	10	10	.08	.08	.08	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	.02	.02	.02	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium (ppb)	50	50	2.5	2.5	2.5	2015	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	.5	2	.5	.5	.5	2015	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
Radioactive Contaminants								
Radium (combined 226/228) (pCi/L)	0	5	.3	.29	.31	2012	No	Erosion of natural deposits
Uranium (ug/L)	0	30	.5	.5	.5	2012	No	Erosion of natural deposits
Volatile Organic Contaminants								
1,1,1-Trichloroethane (ppb)	200	200	.5	.5	.5	2016	No	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethane (ppb)	3	5	.5	.5	.5	2016	No	Discharge from industrial chemical factories
1,1-Dichloroethylene (ppb)	7	7	.5	.5	.5	2016	No	Discharge from industrial chemical factories
1,2,4-Trichlorobenzene	70	70	.5	.5	.5	2016	No	Discharge from textile-

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
(ppb)								finishing factories
1,2-Dichloroethane (ppb)	0	5	.5	.5	.5	2016	No	Discharge from industrial chemical factories
1,2-Dichloropropane (ppb)	0	5	.5	.5	.5	2016	No	Discharge from industrial chemical factories
Benzene (ppb)	0	5	.5	.5	.5	2016	No	Discharge from factories; Leaching from gas storage tanks and landfills
Carbon Tetrachloride (ppb)	0	5	.5	.5	.5	2016	No	Discharge from chemical plants and other industrial activities
Chlorobenzene (monochlorobenzene) (ppb)	100	100	.5	.5	.5	2016	No	Discharge from chemical and agricultural chemical factories
Dichloromethane (ppb)	0	5	.5	.5	.5	2016	No	Discharge from pharmaceutical and chemical factories
Ethylbenzene (ppb)	700	700	.5	.5	.5	2016	No	Discharge from petroleum refineries
Styrene (ppb)	100	100	.5	.5	.5	2016	No	Discharge from rubber and plastic factories; Leaching from landfills
Tetrachloroethylene (ppb)	0	5	.5	.5	.5	2016	No	Discharge from factories and dry cleaners
Toluene (ppm)	1	1	.0005	.0005	.0005	2016	No	Discharge from petroleum factories
Trichloroethylene (ppb)	0	5	.5	NA	NA	2016	No	Discharge from metal degreasing sites and other factories
Vinyl Chloride (ppb)	0	2	.5	.5	.5	2016	No	Leaching from PVC piping; Discharge from plastics factories
Xylenes (ppm)	10	10	.0005	.0005	.0005	2016	No	Discharge from petroleum factories; Discharge from chemical factories
cis-1,2-Dichloroethylene (ppb)	70	70	.5	.5	.5	2016	No	Discharge from industrial chemical factories
o-Dichlorobenzene (ppb)	600	600	.5	.5	.5	2016	No	Discharge from industrial chemical factories
p-Dichlorobenzene (ppb)	75	75	.5	.5	.5	2016	No	Discharge from industrial chemical factories
trans-1,2-Dichloroethylene (ppb)	100	100	.5	.5	.5	2016	No	Discharge from industrial chemical 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	0.1	2015	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	3	2015	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Additional Contaminants

In an effort to insure the safest water possible the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants only the ones listed below were found in your water.

Contaminants	State MCL	Your Water	Violation	Explanation and Comment
Nitrate-Nitrite	10 ppm	.1 ppm	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Unit Descriptions	
Term	Definition
ug/L	ug/L : Number of micrograms of substance in one liter of water
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)
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.

Important Drinking Water Definitions	
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

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