

Louisburg

Speaks ^{KS}

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June - July 2022



PHOTO BY GENE MORRIS

Louisburg celebrates Independence Day July 4 at Lewis-Young Park. Residents will be able enjoy a fireworks spectacular, music, food, games, prizes and fun. The park opens at 6 with fireworks at dark.

Celebrate 2022 Freedom Fest

Small-town fun and community will once again be a highlight of the annual Independence Day celebration in Louisburg.

The celebration begins at 6 p.m. July 4 at Lewis-Young Park when the gates open for an evening of music, food, fun, games, prizes and, of course, a fireworks show brought to you by the Louisburg Fire Department.

The Middle Creek Opry Band will provide the musical entertainment for the event singing a variety of toe-tapping music.

Three food trucks will provide tasty eats: Papa Scott's Street Eats serves regular street fare like burgers, chicken and kids' meals and the ever popular fried pickles, parm fries and mozzarella sticks; favorites at the BBQ Shack include the burnt ends, brisket and loaded fries; and the Funnel Cake Truck will be on hand serving up hot funnel cakes and cold ice cream.

Making a return after an absence of several years is the American as Apple Pie contest sponsored by the Louisburg Recreation Commission. Area bakers are encouraged to pull out the rolling pin and bake their best apple pie for judging. Pies should be registered at the LRC booth no later than 7:30 to be included in the judging. Watch the LRC and City's Facebook pages and websites for all the details, including

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Mayor

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dcook@loisburgkansas.gov

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Scott Margrave
smargrave@loisburgkansas.gov

Ward 2

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At-Large

Steve Town
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City Hall

Nathan Law
City Administrator
215 S. Broadway
Louisburg, KS 66053
913-837-5371
www.loisburgkansas.gov
Hours: 7 am - 4:30 pm
Monday-Friday

Police Department

Chief Tim Bauer
209 S. Metcalf Rd.
Louisburg, KS 66053
913-837-3191

Fire Department

Chief Gerald Rittinghouse
205 S. Metcalf Rd.
Louisburg, KS 66053
913-837-4700

Louisburg Speaks is published six times a year by the City of Louisburg for its residents. Please direct questions or comments to jcarder@loisburgkansas.gov

The City of Louisburg requires building permits. Please call the Building & Zoning Department at 913-837-5811 before beginning any construction project.

Freedom Fest

From Page 1

contest rules.

In addition, area businesses, organizations and churches will have booths with giveaways and/or activities for the kids. Faith Chapel plans to be on hand with snow cones and cotton candy. Free water will be provided by Ironhorse Dental. Other businesses and organizations are finalizing their participation.

Kids will enjoy free rides on the American Legion's kiddie train. They also will want to save their dimes and pennies and buy a ticket, or better yet an all-you-can ride wristband, to have fun on the inflatables. Tickets are \$1 each, seven for \$5 or the all-you-can-ride wristband for \$10.

Adults will want to stop by the registration table and sign up for door prizes donated by area businesses and organizations, which will be given away throughout the evening.

The Boy Scouts troop #101 color guard will present the nation's colors just before 7 p.m. with the singing of the national anthem.

The Boy Scouts will also be collecting free-will donations at the entrance



Everyone from youngsters to adults enjoy Freedom Fest, and fried pickles are pretty good too.

to the park. This offering, along with financial donations from area businesses, help offset the cost of fireworks.

Those attending the celebration are encouraged to bring lawn chairs or blankets.

MAYOR'S MINUTE

A fast and busy four months

Well, four months have passed since I became Mayor. It seems sometimes that I take one step forward and two back as the old saying goes. I will continue to strive for transparency within the city government and ways to compromise with constituents on issues that come up; so it is a win-win for everyone.

I know we are still having issues with SuddenLink. I believe it is still better than it was. A projected finish date is July; however, that is hard to predict with work issues and weather. It will be so nice to have our city back to normal.

As the 4th of July nears, may we all think of our Independence and thank our forefathers for giving that to us.

With all the turmoil that is going on in the world today, please take a step back that day and say a prayer for all the people in the world that may not have it as great as we do.

Our Freedom Fest is coming up, and I love all the fireworks. I would like to thank all the people that help make this a great event for not only kids but the adults who are still kids at heart.

Happy 4th of July, everyone.



DONNA COOK

Donna

Be safe when walking, biking at night

With the upcoming improvements of a shared use path/trail and sidewalk along Metcalf Road from Amity to S. 16th, Louisburg is becoming much more walkable. And with summertime upon us, more kids, and adults too, are out and about walking, jogging and riding bikes.

Everyone is encouraged to practice safe driving, biking, walking and jogging habits. Fortunately Louisburg has not had any serious pedestrian accidents in recent years but it can happen. According to the National Highway Traffic Safety Administration, one pedestrian was killed every 85 minutes in a traffic crash in 2019 in the United States, the latest year for statistics.

THE NHTSA PROVIDES THESE TIPS FOR DRIVERS:

- Look out for pedestrians everywhere, at all times.
- Use extra caution when driving in hard-to-see conditions, such as nighttime or bad weather.
- Slow down and be prepared to stop when turning or otherwise entering a crosswalk.
- Yield to pedestrians in crosswalks and stop well back from the crosswalk to give other vehicles an opportunity to see the crossing pedestrians so they can stop too.
- Never pass vehicles stopped at a crosswalk. There may be people crossing where you can't see.
- Never drive under the influence of alcohol and/or drugs.
- Follow the speed limit, especially around people on the street, in school zones and in neighborhoods where children are present.
- Be extra cautious when backing up and look for pedestrians.

AND THESE TIPS FOR WALKERS:

- Follow the rules of the road and obey signs and signals.
- Walk on sidewalks whenever they are available.
- If there is no sidewalk, walk facing traffic and as far from traffic as possible.
- Cross streets at crosswalks or intersections. Look for cars in all directions, including those turning left or right.
- If a crosswalk or intersection is not available, locate a well-lit area where you have the best view of traffic. Wait for a gap in traffic that allows enough time to cross safely; continue watching for traffic as you cross.
- Watch for cars entering or exiting driveways, or backing up in parking lots.
- Avoid alcohol and drugs when walking; they impair your abilities and your judgment.

TIPS FROM LOUISBURG POLICE:

Police Chief Tim Bauer reminds residents who might be walking or jogging on city streets that reflective wear is required from a half hour after sunset to a half hour before sunrise. Bauer said while City Code does allow officers to ticket someone not wearing proper reflective gear, an officer would likely only issue a warning as the department's number goal is to keep pedestrians safe. He encourages bicycle riders or parents pushing a stroller to attach a light to the bike or stroller for better visibility. Bauer said using the flashlight on your phone as you walk can be helpful.

He encourages residents to not forget about their four-legged friends. If you walk your dog in the evenings or early mornings, Bauer said adding a light-up or reflective collar, leash or harness for your pet is a good option.



Fido also needs reflective gear when going out on a night walk.

Trash pick-up moves to summer hours

Starting the week of June 12, city residents need to have their trash out by 6 a.m. as Waste Management will move to its summer heat schedule. This early pick-up will run through Labor Day week. The solid waste provider reached out to its local customers with a call/email blast to notify them of the change. If residents did not receive this notification, they may sign up for it using the link on the City's garbage collection web page: <https://bit.ly/2RYdoEn>

Louisburg geocaching

If you notice residents searching for treasure in the next few weeks, you might want to join them.

Geocache Louisburg sponsored by the Louisburg Historic Preservation Commission goes live in mid-June with "treasures" hidden throughout the community. This family-oriented activity will lead searchers to learn more about areas of historic interest in the community.

When searchers locate a cache, they are asked to open it, sign the paper located inside and return the cache to its original hiding place for the next searcher to find. Don't forget to bring a pencil with you to sign the paper.

If you are new to geocaching, more information can be found at <https://www.geocaching.com>. From there, players can also download a free app to get started on the search.

Breed ban lifted

A breed ban on specific dogs has been lifted after the City Council approved changes to the City's vicious and dangerous animal code at its June 6 meeting.

The action goes into effect after the new ordinances are printed in the official city newspaper June 15.

The ordinances outline the definition of a dangerous animal and lists requirements that either allows such an animal to be kept inside the city limits or when such an animal is ordered to be destroyed.

More information can be found on the City's website.

Metcalf 2.0 construction begins in late June

Improvements to Metcalf Road from S. Second to S. 16th should begin in late June, says Matt Oehlert, Miami County's engineering project manager. The project has been pushed back due to delays caused by Kansas Department of Transportation's staffing issues.



Oehlert said the county authorized hiring a third-party reviewer to keep the project moving forward. This firm will keep the county updated on changes to materials and be sure any proposed alternatives are appropriate to the project. He said the contractor is also having staffing issues but the project is expected to start June 20.

"The project will happen this year," Oehlert said. "KDOT has \$3.1 million they are obligated to spend on this project this year."

"There is no delay on our part. Louisburg has the funding available. The County has the funding available. We are waiting on KDOT to go through their checks."

The project will take about five to six months to complete, dependent on weather delays.

Metcalf will remain open throughout the project except when stormwater is being installed. During that work, only a few blocks of the road will be closed at a time and the road has to open before workers leave the job site each day.

The majority of the work is off the roadway focusing on curbs, gutters, the sidewalk and trail and final grading and seeding. "The actual impact to the roadway is about half of the project and the other half is off the roadway," Oehlert said.

The current plan has work starting at the north end and moving south.

Business owners along the route have already been contacted about work in front of their location. All businesses will remain open and accessible for customers.

One of the last projects to be completed will be the traffic signal at S. Fifth and Metcalf.

"We're kind of in limbo until KDOT can finish their end. The county and city are ready to go," Oehlert said.



Standing water along S. Metcalf Road will be a thing of the past after improvements are made to the route this summer.

MARK YOUR CALENDARS

Louisburg City Hall closed for Independence Day, Monday, July 4

Freedom Fest
6 pm-dark, Monday, July 4
Lewis-Young Park

Louisburg City Council
6:30 pm Tuesday, July 5
City Hall, 215 S. Broadway

Historic Preservation Commission
6:30 pm Wednesday, July 6
City Hall, 215 S. Broadway

Louisburg Park & Tree Board
6:30 pm Monday, July 11
City Hall, 215 S. Broadway

Louisburg City Council
6:30 pm Monday, July 18
City Hall, 215 S. Broadway

Louisburg Recreation Commission
6 pm Tuesday, July 19
City Hall, 215 S. Broadway

Louisburg Planning Commission
6:30 pm Wednesday, July 27
City Hall, 215 S. Broadway

Louisburg City Council
6:30 pm Monday, Aug. 1
City Hall, 215 S. Broadway

Historic Preservation Commission
6:30 pm Wednesday, Aug. 3
City Hall, 215 S. Broadway

Louisburg Park & Tree Board
6:30 pm Monday, Aug 8
City Hall, 215 S. Broadway

Louisburg Aquatic Center closes
6 pm Saturday, Aug. 13

Louisburg City Council
6:30 pm Monday, Aug. 15
City Hall, 215 S. Broadway

Louisburg Recreation Commission
6 pm Tuesday, Aug. 16
City Hall, 215 S. Broadway

Paws at the Pool
5:30-6 pm - small dogs
6:15-7:15 - large dogs
Tuesday, Aug. 16

Fox Hall/Cemetery Board
5 pm Tuesday, Aug. 29
City Hall, 215 S. Broadway

Louisburg Planning Commission
6:30 pm Wednesday, Aug. 31
City Hall, 215 S. Broadway

An updated calendar as well as agendas and minutes for city meetings can be found at www.louisburgkansas.gov under the Agendas & Minutes icon.



City of Louisburg

2022 Drinking Water Consumer Confidence Report

Note: Data contained in this report is from the 2021 calendar year.

4/15/2022

Our goal is to provide a safe and dependable supply of drinking water.

The City of Louisburg Water Department and the Marais des Cygnes Public Utility Authority (MDCPUA) are pleased to present to you this year's Consumer Confidence Report. The U.S. Environmental Protection Agency requires distribution of this report. It is designed to inform you about the quality of water and services we deliver to you everyday. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources.



WATER SYSTEM

The City of Louisburg currently purchases our drinking water from another water system through a Consecutive Connection (CC). Our water comes from surface water we purchase from MDCPUA Water Treatment Plant. The MDCPUA Water Plant is a public entity jointly owned by the cities of Paola and Louisburg, Kansas. The City of Louisburg has two elevated water storage tanks located within city limits: a 750,000 gallon tank located at Harvest Drive and Wildcat Drive and a 250,000 gallon tank located at South Third Street and Metcalf Road. The MDCPUA transmission system includes a 1,100,000 gallon ground tank and two 750,000 gallon elevated tanks.

Statement of Water Quality

The City of Louisburg and MDCPUA strive to meet all Federal and State requirements through continuous monitoring and testing for water quality.

Contacting Your Water Department

If you have any questions about this report or concerning your water utility, please contact the City Administrator, Nathan Law, at City Hall, (913) 837-5371. The City of Louisburg wants you, our valued customers, to be informed about your water utility. The City conducts regularly scheduled Council meetings on the first and third Mondays of each month at 6:30 PM. If you would like to address the City Council concerning the quality of your water, you may attend any Council meeting.

Persons with Special Needs or Immune Deficiencies - Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as those 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 microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Water Quality Monitoring

"WE ARE
COMMITTED TO
ENSURING THE
QUALITY OF
YOUR WATER"

The City of Louisburg Water Department & MDCPUA Water Plant routinely monitor for contaminants in your drinking water according to Federal and State laws. Tables No. 1 and 2 show the results of our monitoring for the period of January 1st to December 31st, 2021.

Contaminants that may be present in source water before we treat it include:

- ***Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, livestock operations and wildlife.
- ***Inorganic contaminants**, such as salts and metals, which can be naturally-occurring or result from urban storm water run-off, 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 storm water run-off, agriculture, and residential users.
- ***Radioactive contaminants**, which can be naturally occurring or the result of mining activity.
- ***Organic contaminants** including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.

In order to ensure that tap water is safe to drink, EPA prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Our water system is required to test a minimum of 6 samples per month in accordance with the Total Coliform Rule for microbiological contaminants. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public.

Summary of Table No. 1 and 2

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 EPA's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) included 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.

Terms & Abbreviations

In Tables No. 1 and 2 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:

Maximum Contaminant Level Goal (MCLG): the "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLGs allow for a margin of safety.

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.

Secondary Maximum Contaminant Level (SMCL): recommended level for a contaminant that is not regulated and has no MCL.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements.

Treatment Technique (TT): a required process intended to reduce levels of a contaminant in drinking water.

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 of microbial contaminants.

Non-Detects (ND): lab analysis indicates that the contaminant is not present.

Parts per Million (ppm) or milligrams per liter (mg/l)

Parts per Billion (ppb) or micrograms per liter (µg/l)

Picocuries per Liter (pCi/L): a measure of the radioactivity in water.

Millirems per Year (mrem/yr): measure of radiation absorbed by the body.

Monitoring Period Average (MPA): An average of sample results obtained during a defined time frame, common examples of monitoring periods are monthly, quarterly and yearly.

Nephelometric Turbidity Unit (NTU): a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. Turbidity is not regulated for groundwater systems.

Running Annual Average (RAA): an average of sample results obtained over the most current 12 months and used to determine compliance with MCLs.

Locational Running Annual Average (LRAA): Average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

The following tables list all of the drinking water contaminants which were detected during the 2021 calendar year. The presence of these contaminants does not necessarily indicate the water poses a health risk. Unless noted, the data presented in this table is from the testing done January 1- December 31, 2021. The State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. ***The bottom line is that the water that is provided to you is safe.***

TABLE 1
 Testing Results for: City of Louisburg
 Consumer Confidence Report – 2022
 Covering Calendar Year – 2021
 PWS ID: KS2012106

This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and State standards. We are committed to providing you with information because informed customers are our best allies. If you would like to observe the decision-making process that affect drinking water quality, please call **CRAIG HUFFERD** at 913-238-6324.

Our drinking water is supplied from another water system through a Consecutive Connection (CC). Your water comes from:

Buyer Name	Seller Name
CITY OF LOUISBURG	MIAMI CO RWD 2
CITY OF LOUISBURG	MARAIS DES CYGNES PUBLIC UTILITY AUTH

Testing Results for: CITY OF LOUISBURG

Disinfection Byproducts	Monitoring Period	Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2021	28	14 - 46	ppb	60	0	By-product of drinking water disinfection
TTHM	2021	44	22 - 55	ppb	80	0	By-product of drinking water chlorination

Lead and Copper	Monitoring Period	90 th Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2018 - 2020	0.075	0.012 - 0.12	ppm	1.3	0	Corrosion of household plumbing
LEAD	2018 - 2020	2.2	0 - 8	ppb	15	0	Corrosion of household plumbing

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. Your 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>.

Chlorine/Chloramines Maximum Disinfection Level	MPA	MPA Units	RAA	RAA Units
2021 - 2021	3.0000	MG/L	2.3	MG/L

During the 2021 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Comments
No Violations Occurred in the Calendar Year of 2021		

There are no additional required health effects notices.

There are no additional required health effects violation notices.

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants, which were detected during the 2021 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
ATRAZINE	6/14/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	2.6	2.6	ppb	3	3	Runoff from herbicide used on row crops
BARIUM	5/3/2021	MIAMI CO RWD 2	0.084	0.084	ppm	2	2	Discharge from metal refineries
CHROMIUM	5/4/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	1.3	1.3	ppb	100	100	Discharge from steel and pulp mills
FLUORIDE	7/11/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	0.67	0.38 - 0.67	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
NITRATE	5/17/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	0.89	0.89	ppm	10	10	Runoff from fertilizer use

Secondary Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	5/3/2021	MIAMI CO RWD 2	120	120	MG/L	300
ALUMINUM	5/3/2021	MIAMI CO RWD 2	0.065	0.065	MG/L	0.05
BROMATE	3/11/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	4.22	0 - 4.22	ppb	10
CALCIUM	5/3/2021	MIAMI CO RWD 2	44	44	MG/L	200
CHLORIDE	5/4/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	45	45	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	5/3/2021	MIAMI CO RWD 2	420	420	UMHO/CM	1500
CORROSIVITY	5/3/2021	MIAMI CO RWD 2	0.39	0.39	LANG	0
HARDNESS, TOTAL (AS CaCO3)	5/3/2021	MIAMI CO RWD 2	140	140	MG/L	400
MAGNESIUM	5/4/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	6.6	6.6	MG/L	150
METOLACHLOR	6/14/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	3.2	3.2	ppb	
NICKEL	5/3/2021	MIAMI CO RWD 2	0.0028	0.0028	MG/L	0.1
PH	5/3/2021	MIAMI CO RWD 2	8.3	8.3	PH	8.5
POTASSIUM	5/3/2021	MIAMI CO RWD 2	4	4	MG/L	100
SILICA	5/4/2021	MARAIS DES CYGNES PUBLIC UTILITY AUTH	3.2	3.2	MG/L	50
SODIUM	5/3/2021	MIAMI CO RWD 2	30	30	MG/L	100
SULFATE	5/3/2021	MIAMI CO RWD 2	26	26	MG/L	250
TDS	5/3/2021	MIAMI CO RWD 2	220	220	MG/L	500
ZINC	5/3/2021	MIAMI CO RWD 2	0.0083	0.0083	MG/L	5

Please Note: Because of sampling schedules, results may be older than 1 year.

During the 2021 calendar year, the water systems that we purchase water from had the below noted violation(s) of drinking water regulations.

Water System	Type	Category	Analyte	Compliance Period
MIAMI CO RWD 2	MONTHLY COMB FLTR EFFLUENT (IESWTR/LT1)	TT	TURBIDITY	1/1/2021 - 1/31/2021

TABLE 2
Testing Results for: MARAIS DES CYGNES PUBLIC UTILITY AUTH
Consumer Confidence Report – 2022
Covering Calendar Year – 2021
PWS ID: KS2012109

This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. If you would like to observe the decision-making process that affect drinking water quality, please call **CRAIG HUFFERD** at 913-238-6324.

Your water comes from:

Source Name	Source Water Type
INTAKE 999	Surface Water

Testing Results for: MARAIS DES CYGNES PUBLIC UTILITY AUTH

Regulated Contaminants	Collection Date	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
ATRAZINE	6/14/2021	2.6	2.6	ppb	3	3	Runoff from herbicide used on row crops
BARIIUM	5/4/2021	0.024	0.024	ppm	2	2	Discharge from metal refineries
CHROMIUM	5/4/2021	1.3	1.3	ppb	100	100	Discharge from steel and pulp mills
FLUORIDE	7/11/2021	0.67	0.38 - 0.67	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
NITRATE	5/17/2021	0.89	0.89	ppm	10	10	Runoff from fertilizer use

Disinfection Byproducts	Monitoring Period	Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2021	19	19	ppb	60	0	By-product of drinking water disinfection
TTHM	2021	25	25	ppb	80	0	By-product of drinking water chlorination

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. Your 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>.

Total Organic Carbon Lowest Month for Removal	Number of Samples	Actual Removal Ratio	Required Removal Ratio	Lowest Monthly Removal Ratio
7/1/2021 - 7/31/2021	12	2.20	1.0 RATIO	1.54

Secondary Contaminants – Non-Health Based Contaminants - No Federal Maximum Contaminant Level (MCL) Established.	Collection Date	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	5/4/2021	41	41	MG/L	300
ALUMINUM	5/4/2021	0.049	0.049	MG/L	0.05
BROMATE	3/11/2021	4.22	0 - 4.22	ppb	10
CALCIUM	5/4/2021	24	24	MG/L	200
CHLORIDE	5/4/2021	45	45	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	5/4/2021	320	320	UMHO/CM	1500
HARDNESS, TOTAL (AS CaCO3)	5/4/2021	86	86	MG/L	400
MAGNESIUM	5/4/2021	6.6	6.6	MG/L	150
METOLACHLOR	6/14/2021	3.2	3.2	ppb	
NICKEL	5/4/2021	0.002	0.002	MG/L	0.1
PH	5/4/2021	7.9	7.9	PH	8.5
POTASSIUM	5/4/2021	3.8	3.8	MG/L	100
SILICA	5/4/2021	3.2	3.2	MG/L	50
SODIUM	5/4/2021	18	18	MG/L	100
SULFATE	5/4/2021	25	25	MG/L	250
TDS	5/4/2021	150	150	MG/L	500

Please Note: Because of sampling schedules, results may be older than 1 year.

During the 2021 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Comments
No Violations Occurred in the Calendar Year of 2021		

Additional Required Health Effects Language:

Total organic carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes (THMs) and haloacetic acids (HAAs). Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.

There are no additional required health effects violation notices.