Additional Health Information

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.

Contaminants that may be present in source water include:

(A) **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

(B) **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.

(C) **Pesticides and herbicides,** which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

(D) **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.

(E) **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, the EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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.**

For Customers with Special Health Concerns

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. U.S. Environmental Protection Agency(EPA)/Center for Disease Control (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).**

Source Water Assessment Plan

In 2021, the Department of Environmental Protection performed a Source Water Assessment for Lee County Utilities. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at https://fldep.dep.state.fl.us/swapp/ or they can be obtained from Lee County Utilities Customer Service at (239) 533-8845.

How to Reach Us

If you have any questions about this report or concerning your water utility, please contact Utility Group of Florida at (727) 863-5161. We encourage our valued customer to be informed about their water utility.

About 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. Tamiami Village 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.

Tamiami Village MHP

2021 Annual Drinking Water Quality Report

PWS ID # 5364151

We're pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the quality water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a 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. If you have any questions or concerns about the information provided in this report, please feel free to call any of the numbers listed.

We are pleased to report that our drinking water meets all federal and state requirements.

Where Your Water Comes From

Tamiami Village purchases its water from Lee County Utilities. The water is obtained from groundwater sources. Our water is then treated with reverse osmosis and chlorine for disinfection purposes.

How We Ensure Your Drinking Water is Safe

We routinely monitor for contaminants in your drinking water according to Federal and State laws, rules, and regulations. Except where indicated otherwise, this report is based on the results of our monitoring for the period of January 1 to December 31, 2021. Data obtained before January 1, 2021, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.

As authorized and approved by the EPA, the State has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from one year to another. As a result some of our data is more than one year old.

2021 Water Quality Table – PWS No. 5364151

How to Read the Table

In the table, you may find unfamiliar terms and abbreviations. To help you better understand these terms we've provided the following definitions.

Action Level (AL): The concentration of contaminants which, if exceeded, triggers treatment or other requirements that a water system must follow.
Maximum contaminant level or MCL: 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 or MCLG: 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 or 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.
Maximum residual disinfectant level goal or MRDLG: 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.
ND: Means not detected and indicates that the substance was not found by laboratory analysis.
ppm: parts per million or milligrams per liter is one part by weight of analyte to one million parts by weight of the water sample.
ppb: parts per billion or micrograms per liter is one part by weight of analyte to one billion parts by weight of the water sample.
pCi/l: picocuries per liter is a measure of the radioactivity in water.

Table Notes:

A. Results in the Level Detected column for radiological contaminants and inorganic contaminants are the highest detected level at any sampling point.

B. For chlorine, the level detected is the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. The range of results is the range of results of all the individual samples collected during the past year.

C. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that another potentially harmful waterborne pathogen may be present, or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

D. During the past year Lee County Utilities were required to conduct one Level 1 assessment. One Level 1 assessment was completed. In addition, they were required to take zero corrective actions and they completed zero of these actions.

E. During the past year Lee County Utilities were required to conduct two Level 2 assessments. Two Level 2 assessments were completed. In addition, they were required to take zero corrective actions and they completed zero of these actions.

NON-SECONDARY CONTAMINANTS TABLE

MICROBIOLOGICAL CONTAMINANTS– RESULTS FROM LEE COUNTY

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Total Number of Positive Samples for the Year	MCLG	MCL	Likely Source of Contamination
E.Coli	01/2021-12/2021	Y	1	0	Routine and repeat samples are total coliform positive and either is *E. coli* positive or system fails to take repeat samples following *E. coli* positive routine sample or system fails to analyze total coliform positive repeat sample for *E. coli*	Human and animal fecal waste

RADIOACTIVE CONTAMINANTS – RESULTS FROM NORTH LEE COUNTY WATER TREATMENT PLANT

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Alpha emitters (pCi/L)	02/2020	N	5.8	N/A	0	15	Erosion of natural deposits
Radium 226+228 or combined radium (pCi/L)	02/2020	N	2.2	N/A	0	5	Erosion of natural deposits

INORGANIC CONTAMINANTS – RESULTS FROM NORTH LEE COUNTY WATER TREATMENT PLANT

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Arsenic (ppb)	02/2020	N	0.617	N/A	0	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Barium (ppm)	02/2020	N	0.0027	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium (ppb)	02/2020	N	0.549	N/A	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride (ppm)	01/2021 – 12/2021	N	0.90	0.49 – 0.90	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at the optimum level of 0.7 ppm
Nitrate (as Nitrogen) (ppm)	02/2021	N	0.015	N/A	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	02/2021	N	0.009	N/A	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium (ppb)	02/2020	N	1.6	N/A	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium (ppm)	02/2020	N	66.7	N/A	N/A	160	Salt water intrusion, leaching from soil

STAGE 1 DISINFECTANTS AND STAGE 2 DISINFECTION BY-PRODUCTS – RESULTS FROM TAMIAMI VILLAGE WATER SYSTEM

Disinfectant or Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine and Chloramines (ppm)	Monthly 2021	N	3.4	0.3 – 4.5	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	08/2021	N	3.7	N/A	N/A	MCL = 60	By-product of drinking water disinfection

How to Read the Table

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Maximum residual disinfectant level goal or MRDLG: 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.
ND: Means not detected and indicates that the substance was not found by laboratory analysis.
ppm: parts per million or milligrams per liter is one part by weight of analyte to one million parts by weight of the water sample.
ppb: parts per billion or micrograms per liter is one part by weight of analyte to one billion parts by weight of the water sample.
pCi/l: picocuries per liter is a measure of the radioactivity in water.

Table Notes:

F. E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems. Lee County Utilities found E. coli bacteria, indicating the need to look for potential problems in water treatment or distribution. When this occurs, Lee County Utilities are required to conduct assessments(s) to identify problems and to correct any problems that were found during these assessments.

G. Lee County Utilities had an E. coli positive repeat sample following a total coliform positive routine sample. LCU were required to complete a Level 2 assessment because Lee County Utilities found E. coli in their water system. In addition, they were required to take zero corrective actions and completed zero of these actions

STAGE 1 DISINFECTANTS AND STAGE 2 DISINFECTION BY-PRODUCTS – RESULTS FROM NORTH LEE COUNTY WATER TREATMENT PLANT

Disinfectant or Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine and Chloramines (ppm)	Monthly 2021	N	3.37	2.9 – 3.65	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
LCU performed a free chlorine flush from May 3rd to May 24th. The results shown include both chloramine and chlorine results.							
Haloacetic Acids (HAA5) (ppb)	01/2021,04/2021,07/2021,10/2021	N	19.45	ND – 52.45	N/A	MCL = 60	By-product of drinking water disinfection
Total Trihalomethanes (TTHM) (ppb)	01/2021,04/2021,07/2021,10/2021	N	22.75	ND – 23.88	N/A	MCL = 80	By-product of drinking water disinfection

LEAD AND COPPER (TAP WATER) – RESULTS FROM TAMIAMI VILLAGE WATER SYSTEM

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	AL Exceeded Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	09/2021	N	0.0011	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

LEAD AND COPPER (TAP WATER) – RESULTS FROM NORTH LEE COUNTY WATER TREATMENT PLANT

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	AL Exceeded Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	08/2021	N	0.0444	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	08/2021	N	1.4	0	15	15	Corrosion of household plumbing systems; erosion of natural deposits