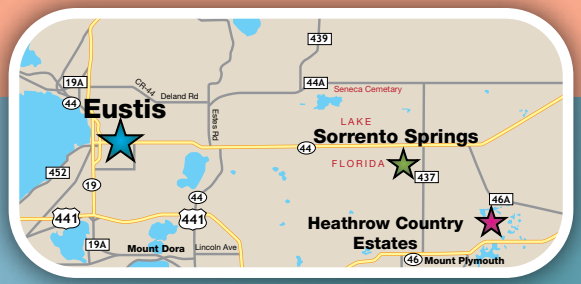
For More Information About Your Water

Please remember that we are always available to assist you, should you ever have any questions or concerns about your water. We encourage your feedback regarding any information in this report. After all, well–informed customers are our best allies. You may contact Jeff Brinson, Eustis Water Department Supervisor, at (352) 357–5618 or brinsonj@ci.eustis.fl.us. We will be happy to assist you.

The Eustis City Commission meets regularly and their agendas may contain items pertaining to water treatment, water quality and other water related issues. We encourage you to be an active and involved partner in our decision–making process. Meeting dates and agendas can be obtained from the City Clerk's office Monday – Friday 8 a.m. to 5 p.m., the City's website (www.eustis.org) or by calling (352) 483–5430.



En Español

Este informe contiene informacion muy importante. Traduscalo o prequntele a alguien que lo entienda bien.

City of Eustis

PWSID#: 3350346; 3354953; 3354954

City of Eustis
P.O. Drawer 68
Eustis, FL 32727

2021 *Annual Drinking Water Quality Report*

Test Results

PWSID#: 3350346; 3354953; 3354954

During the past year we have taken hundreds of water samples in order to determine the presence of any radioactive, biological, inorganic, volatile organic or synthetic organic contaminants. The table shows only those contaminants that were detected in the water. The state requires us to monitor for certain substances less often than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data is included, along with the year in which the sample was taken. The test results table shows the results if our monitoring period of January 1st to December 31st, 2021.

Primary Regulated Contaminants		City of Eustis			Eustis Eastern (Sorrento Springs)			Heathrow Country Estates (Redtail)					
Radioactive Contaminants													
Contaminant and unit of measurement	MCL Violation (Yes/No)	Date of Sampling	Level Detected	Range of Results	Date of Sampling	Level Detected	Range of Results	Date of Sampling	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Alpha Emitters (pCi/L)	*No*	*1/2017*	*5.7*	*ND–5.7*	*3/2018*	*1.7*	*NA*	*1/2018*	*1.8*	*NA*	*0*	*15*	*Erosion of natural deposits*
Radium 226 + 228 (pCi/L)	*No*	*3/2017*	*1.5*	*0.6–1.5*	*3/2018*	*1.5*	*NA*	*1/2018*	*1.5*	*NA*	*0*	*5*	*Erosion of natural deposits*
Inorganic Contaminants													
Contaminant and unit of measurement	MCL Violation (Yes/No)	Date of Sampling	Level Detected	Range of Results	Date of Sampling	Level Detected	Range of Results	Date of Sampling	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Arsenic (ppb)	*No*	*10/2020*	*1.7*	*ND–1.7*	*10/2021*	*ND*	*NA*	*10/2021*	*ND*	*NA*	*NA*	*10*	*Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes*
Barium (ppm)	*No*	*10,11/2020*	*0.017*	*0.0045–0.017*	*10/2021*	*0.0082*	*NA*	*10/2021*	*0.0096*	*NA*	*2*	*2*	*Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits*
Cadmium (ppb)	*No*	*10/2020*	*ND*	*NA*	*10/2021*	*1.3*	*NA*	*10/2021*	*ND*	*NA*	*100*	*100*	*Corrosin of galvanized pipes;erosion of natural deposits;discharge from metal refineries;runoff from waste batteries and paints.*
Fluoride (ppm)	*No*	*1–12/2021*	*0.79*	*0.27–0.79*	*10/2021*	*ND*	*NA*	*10/2021*	*ND*	*NA*	*4*	*4*	*Erosion of natural deposits; discharge from fertilizer and aluminum factories; water additive that promotes strong teeth when at optimum leveles between 0.7 and 1.3 ppm*
Nitrate [as Nitrogren] (ppm)	*No*	*1,10/2021*	*3.64*	*ND–3.64*	*1/2021*	*ND*	*NA*	*1/2021*	*0.233*	*NA*	*10*	*10*	*Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits*
Sodium (ppm)	*No*	*10,11/2020*	*11.8*	*7.69–11.8*	*10/2021*	*4.8*	*NA*	*10/2021*	*11.9*	*NA*	*NA*	*160*	*Salt water intrusion, leaching from soil*

		City of Eustis			Eustis Eastern (Sorrento Springs)			Heathrow Country Estates (Redtail)					
Stage 2 Disinfectants and Disinfection By-Products													
Contaminant and unit of measurement	MCL Violation (Yes/No)	Date of Sampling	Level Detected	Range of Results	Date of Sampling	Level Detected	Range of Results	Date of Sampling	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Chlorine (ppm)	*No*	*1–12/2021*	*1.1*	*0.4–1.9*	*1–12/2021*	*1.1*	*0.6–1.8*	*1–12/2021*	*1*	*0.4–1.5*	*4*	*4*	*Water additive used to control microbes*
Haloacetic Acids (five) [HAA5] (ppb)	*No*	*1,4/2021*	*42.6*	*11.7–42.6*	*1/2021*	*20.6*	*NA*	*7/2021*	*43.3*	*32.1–43.3*	*NA*	*60*	*By–product of drinking water disinfection*
TTHM [Total trihalomethanes] (ppb)	*No*	*1,4/2021*	*13.8*	*1.9–13.8*	*10/2021*	*18.9*	*NA*	*7/2021*	*48.5*	*47.3–48.5*	*NA*	*80*	*By–product of drinking water disinfection*

Lead and Copper *													
Contaminant and unit of measurement	MCL Violation (Yes/No)	Date of Sampling	90th Percentile Result	Sites Exceeding the AL	Date of Sampling	90th Percentile Result	Sites Exceeding the AL	Date of Sampling	90th Percentile Result	Sites Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper [tap water] (ppm)	*No*	*7/2020*	*0.127*	*0*	*7/2021*	*0.0065*	*0*	*7/2021*	*0.048*	*0*	*1.3*	*1.3*	*Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives*
Lead [tap water] (ppb)	*No*	*7/2020*	*1*	*0*	*7/2021*	*ND*	*0*	*7/2021*	*ND*	*0*	*0*	*15*	*Corrosion of household plumbing systems, erosion of natural deposits*

** Tap water samples were collected from sites throughout the community.*

Secondary Contaminants													
Contaminant and unit of measurement	MCL Violation (Yes/No)	Date of Sampling	Highest Result	Range of Results	Date of Sampling	Highest Result	Range of Results	Date of Sampling	Highest Result	Range of Results	MCLG	SMCL	Likely Source of Contamination
Total Dissolved Solids	*Y*	*10/2020*	*520*	*158–520*	*10/2021*	*ND*	*NA*	*10/2021*	*ND*	*NA*	*NA*	*500*	*Natural occurence from soil leaching*

In 2020 our system exceeded the MCL for Total Dissolved Solids. Secondary contaminants are considered to be aesthetic violations, and they are not considered to have major health effects.

Definitions:

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

pCi/L (picocuries per liter): A measure of radioactivity.

TON (Threshold Odor Number): A measure of odor in water.

AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

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.

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.

MRDLG (Maximum Residual Disinfectant 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.

NA: Not applicable

ND (Not detected): Indicates that the substance was not found by laboratory analysis.

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

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

IDSE (Initial Distribution System Evaluation): An important part of the Stage 2 Disinfection Byproducts Rule (DBPR). The IDSE is a one-time study conducted by water systems to identify distribution system locations with high concentrations of trihalomethanes (THMs) and haloacetic acids (HAAs). Water systems will use results from the IDSE, in conjunction with their Stage 1 DBPR compliance monitoring data, to select compliance monitoring locations for the Stage 2 DBPR.

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