

2025 Annual Drinking Water Quality Report

El Jobean Water Association

PWS ID #: 6080081

The Peace River Manasota Regional Water Supply Authority (PRMRWSA) oversees the operations of the Peace River Manasota Regional Water Supply Facility (PRMRWSF), which uses the Peace River as its source of supply. The Peace River is a large river, by Florida standards, having a drainage area of 2,300 square miles. The Peace River headwaters originate in the Green Swamp of northern Polk County flowing through Lake Hancock, Winter Haven chain of lakes and Lake Hamilton. The mouth of the Peace River is located in Punta Gorda; 120 miles downstream from the headwaters delivering needed fresh water to the Charlotte Harbor estuary. The water is treated for drinking by coagulation, flocculation, sedimentation, filtration, and is disinfected by chloramination. The PRMRWSA presently sells water to Charlotte County, the City of North Port, DeSoto County, and Sarasota County. Charlotte County sells the water to El Jobean Water Association.

The PRMRWSA and El Jobean Water Association 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, 2025. Data obtained before January 1, 2025 and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations. We have learned that through our monitoring and testing that some constituents have been detected. If you have any questions about the data provided in this Annual Drinking Water Quality Report, please contact our office at 941-625 5548.

The Department of Environmental Protection performed a Source Water Assessment on our system in 2025. These assessments were conducted to provide information about any potential sources of contamination in the vicinity of the Peace River Regional Water Supply surface water intakes. Potential sources of contamination were identified to include underground petroleum storage tanks, injection wells, Brownfield site, landfill, and other delineated areas. The concern level is considered to be Low. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at <https://prodapps.dep.state.fl.us/swapp/>.

In the table below, 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 a contaminant that, 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.

Parts per million (ppm) or Milligrams per liter (mg/L): one part by weight of analyte to 1 million parts by weight of the water sample.

Parts per billion (ppb) or Micrograms per liter (µg/L): one part by weight of analyte to 1 billion parts by weight of the water sample.

Picocurie per liter (pCi/L): measure of the radioactivity in water.

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.

Nephelometric Turbidity Unit (NTU): The measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Radioactive Contaminants – Peace River Authority

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)	1/25 – 12/25	N	2.4	.08-2.4	0	15	Erosion of natural deposits
combined radium (pCi/L)	1/25 – 12/25	N	1.9	.6-2.2	0	5	Erosion of natural deposits

Inorganic Contaminants – Peace River Authority

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
Barium (ppm)	1/25	N	.009	.009	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Arsenic (ppb)	1/25	N	.0003	.0003	.05	.05	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.

Fluoride (ppm)	1/25	N	.273	.273	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum level of 0.7
Nitrate (as Nitrogen) (ppm)	1/25	N	.329	.329	1	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Sodium (ppm)	1/25	N	46.5	46.5	N/A	160	Saltwater intrusion, leaching from soil.

Synthetic Organic Contaminants including Pesticides and Herbicides – Peace River Authority

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
Hexachlorocyclopentadiene (ppb)	7/23	N	.081	.081	50	50	Discharge from chemical factories.

Stage1 Disinfectant/Disinfection Byproduct (D/DBP) Parameters – El Jobean Water Association

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
Chloramines (ppm)	1/25-12/25	N	3.25	1.05-3.75	4	4	Water additive used to control microbes

Stage 2

Disinfectant/Disinfection Byproduct (D/DBP) – El Jobean Water Association

Haloacetic Acids (HAA5) (ppb)	2/25, 5/25 8/25, 11/25	N	25.325	16.6-34.2	N/A	60	By-product of drinking water disinfection
TTHM (total trihalomethanes) (ppb)	2/25, 5/25 8/25, 11/25	N	47	38-51	N/A	80	By-product of drinking water disinfection

Stage 2

Disinfectant/Disinfection Byproduct (D/DBP) – Charlotte County Utilities

Haloacetic Acids (five) (HAA5) (ppb)	2/25, 5/25 8/25, 11/25	N	44	9.3-107	N/A	60	By-product of drinking water disinfection
TTHM (total trihalomethanes) (ppb)	2/25, 5/25 8/25, 11/25	N	76	31-164	N/A	80	By-product of drinking water disinfection

Lead and Copper (Tap Water) - El Jobean Water Association

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	AL Exceedance Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	Range of Results	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	8/24	N	0.029	0	0-0.408	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	8/24	N	0.81	0	0.17-1.81	0	15	Corrosion of household plumbing systems and service lines connecting buildings to water mains; erosion of natural deposits