

The Villages at Otter Creek
2024 Water Quality Report
Georgia Water System ID #: GA2290037

Name of Water System Contact (Phone Number):
Randy Crosby (912-657-1969)

Summary of Water Quality Information

The Villages at Otter Creek drinking water system is owned by Randy Crosby of AROC Water, LLC. and operated by **Tindall Enterprises, Inc.** The system is located off Owens Road directly across from Otter Creek Cir in Pierce County, Georgia. If you have any comments, concerns, or inquiries, please feel free to contact Randy Crosby at the number listed above.

Included in this report is information about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. **The Villages at Otter Creek** water system is committed to providing your community with clean, safe, and reliable drinking water. For more information about your water or this report please contact Randy Crosby.

The Villages at Otter Creek water system is comprised of two (2) community groundwater wells. Your water primarily comes from well 101. In case of an emergency water can be obtained from well 102. Both wells derive water from an underground source known as the *Upper Floridan Aquifer* that provides ample volumes of water for your community. Necessary treatment, such as the addition of chlorine disinfectant, is performed at the well site. Well properties are protected from activities which could potentially cause contamination of this water source.

A **Source Water Assessment Plan** has yet to be completed by the Georgia Department of Natural Resources Environmental Protection Division. This report identifies sources of pollution which could potentially contaminate the water supply. This report will also include the susceptibility range for pollution and will cite potential pollution sources for the wells. Once the report is available, the complete list of all potential pollution sources can be found in the **Source Water Assessment Plan**.

The Villages at Otter Creek water system is tested for more than eighty (80) drinking water parameters on a periodic basis as determined by the EPD. Sample/testing schedules are based on initial contaminant level assessments and can be changed if deemed necessary. Waivers may also be issued for the analyses of certain compounds if data shows that the distributed drinking water in this area is not vulnerable to contamination from these chemicals. Generally, samples are collected at **The Villages at Otter Creek** for testing of inorganic compounds (IOCs) once every three (3) years; trihalomethanes (TTHMs) and 5-haloacetic acids (HAA5s) annually; lead and copper semi-annually; synthetic organic compounds (SOCs), volatile organic compounds (VOCs), and radionuclides quarterly. A sample from well 101 is collected yearly to test for the presence of nitrates; bacteriological content is monitored monthly.

During 2024, **The Villages at Otter Creek** water system was sampled and analyzed for bacteriological content, nitrates, radionuclides, IOCs, VOCs, SOCs, TTHMs, HAA5s, lead, and copper. **We are pleased to inform you that the Villages at Otter Creek water system did not have any violations of water quality parameters during 2024. All detected contaminants are delineated in the accompanying chart, any contaminant not listed had results less than the detection limits.**

The results of the two (2) semi-annual 2024 lead and copper monitoring events are included in the accompanying Water Quality Data chart. For both events, analyses were completed on samples taken from five (5) representative locations throughout your community. While **NO** sampled site exceeded the lead or copper action levels, detectable levels of one or both analytes were found in one or more sample(s). This could indicate the presence of some service lines or home plumbing that may contain lead and/or copper materials. To access all individual lead tap sample results for **The Villages at Otter Creek** visit www.gadrinkingwater.net.

The Service Line Inventory (SLI) is a requirement under the Lead and Copper Rule Revisions (LCRR) to help water systems identify and replace lead service lines. It mandates that all public water systems develop and maintain an inventory of service line materials to assess the presence of lead and protect public health. The inventory will support proactive lead reduction efforts and ensure compliance with regulatory requirements to minimize lead exposure in drinking water. **The Villages at Otter Creek has submitted the required lead service line inventory. To view the SLI, please visit the website <https://ga-epd.120water-ptd.com/> to see the entire report.**

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. The Villages at Otter Creek water system is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly.

*Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact **The Villages at Otter Creek**. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>.*

The following measures may be taken to minimize exposure to lead and/or copper:

- Flush your tap for 30 seconds to 2 minutes before using water for drinking or cooking
- Use cold water for drinking or cooking
- Do not cook with or consume water from the hot water faucet
- Do not use hot water for making baby formula
- Use only “lead-free” solder, fluxes and materials in new household plumbing and repairs

Drinking water, including bottled water, may be expected to contain at least small amounts of 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.**

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/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 at 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.

Contaminants that may be present in source water include the following:

- **Microbial contaminants** such as viruses and bacteria which 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 storm 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 storm water 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 storm water runoff, agricultural application, and septic systems.
- **Radioactive contaminants** 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 which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The Villages at Otter Creek strives to maintain the highest standards of performance and quality possible. In order to maintain a safe and dependable water supply, improvements that benefit the community must be made. Please help keep these costs as low as possible by utilizing good water conservation practices.

DEFINITION OF TERMS AND ABBREVIATIONS USED IN THIS REPORT

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 microbiological contaminants.”

Maximum Residual Disinfectant Level Goal (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.

TTHMs (Total Trihalomethanes): One or more of the organic compounds chloroform, bromodichloromethane, chlorodibromomethane, and/or bromoform.

HAA5s (Haloacetic Acids): One or more of the organic compounds monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid.

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The table below lists all the drinking water contaminants that have been detected in your drinking water. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The data presented in this table is from testing done during the year noted. The Federal Environmental Protection Agency (EPA) and the Georgia Department of Natural Resources Environmental Protection Division (EPD) require monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Parameters, values, and/or sources may vary.

DETECTED INORGANIC CONTAMINANTS TABLE								
Parameter	Units	MCL [SMCL]	MCLG	The Villages at Otter Creek Water System Results	Range of Detections	Sample Year	Violation No/Yes	Typical Source of Contaminant
Barium	ppm	2	2	0.065	0.065 to 0.065	2024	No	Discharge of drilling wastes, metal refineries; erosion of natural deposits
Chlorine	ppm	4	4	1.50	1.48 to 1.50	2024	No	Water additive used for control of microbes
Fluoride	ppm	4	4	0.49	0.49 to 0.49	2024	No	Erosion of natural deposits; water additive; discharge from fertilizer and aluminum factories

VOLATILE ORGANIC CONTAMINANTS TABLE								
Parameter	Units	MCL	MCLG	The Villages at Otter Creek Water System Results	Range of Detections	Sample Year	Violation No/Yes	Typical Source of Contaminant
Haloacetic Acids	ppb	60	**	2.7	1.5 to 2.7	2024	No	By product of drinking water disinfection
TTHMs	ppb	80	**	10.7	10.6 to 10.7	2024	No	By product of drinking water disinfection

DETECTED UNREGULATED CONTAMINANTS TABLE								
Parameter	Units	MCL [SMCL]	MCLG	The Villages at Otter Creek Water System Results	Range of Detections	Sample Year	Violation No/Yes	Typical Source of Contaminant
Benzene	ppb	5	0	1.1	ND to 1.1	2024	No	Discharge from factories; leaching from gas storage tanks and landfills
Toluene	ppm	1	1	0.01	ND to 0.01	2024	No	Discharge from petroleum factories

LEAD AND COPPER MONITORING RESULTS (1st Monitoring Event)								
Parameter	Units	Action Level	MCLG	The Villages at Otter Creek 90th Percentile	Range of Detections	Sample Year	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	ND	N/A	2024	No	Erosion of natural deposits; Corrosion of household plumbing systems
Copper	ppm	1.3	1.3	0.0138	0.0048 to 0.020	2024	No	Erosion of natural deposits; Corrosion of household plumbing systems

LEAD AND COPPER MONITORING RESULTS (2nd Monitoring Event)								
Parameter	Units	Action Level	MCLG	The Villages at Otter Creek 90th Percentile	Range of Detections	Sample Year	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	ND	N/A	2024	No	Erosion of natural deposits; Corrosion of household plumbing systems
Copper	ppm	1.3	1.3	0.0074	0.0011 to 0.0081	2024	No	Erosion of natural deposits; Corrosion of household plumbing systems

MICROBIOLOGICAL MONITORING RESULTS								
Parameter	Units	MCL	MCLG	The Villages at Otter Creek # of Positive Samples	Positive Sample Date (Month)	Sample Year	Violation No/Yes	Typical Source of Contaminant
Total Coliform	Present/	1*	0	0	N/A	2024	No	Naturally present in the environment
E. coli	Absent	0	0	0	N/A	2024	No	Human and animal fecal waste

RADIONUCLIDES TABLE								
Parameter	Units	MCL	MCLG	The Villages at Otter Creek Water System Results	Range of Detections	Sample Year	Violation No/Yes	Typical Source of Contaminant
Alpha emitters	pCi/L	15	0	3.35	ND to 3.35	2024	No	Erosion of natural deposits
Combined Radium 226/228	pCi/L	5	0	ND	N/A	2024	No	Erosion of natural deposits

- *Total Coliform Rule MCL= 1 positive sample for systems that collect <40 samples a month ** No established MCL, SMCL or MCLG
- N/A: Not applicable to this contaminant •ppb (ug/L): parts per billion or micrograms per liter •ppm (mg/L): parts per million or milligrams per liter •pCi/l: picocuries per liter, a measurement of radiation
- ND (Not Detected): By regulation, this substance or group of substances was tested for in our finished tap water; however, none was detected at the testing limit.
- Maximum Contaminant Level (MCL): "The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG as feasible using the best available treatment technology."
- Maximum Contaminant Level Goal (MCLG): "The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety."
- Secondary Maximum Contaminant Level (SMCL): Reasonable goals for drinking water quality. Exceeding SMCL's may adversely affect odor or appearance, but there is no known risk to human health.