

Sterling Mobile Home Park
2023 Water Quality Report
Georgia Water System ID #: GA1270056

Name of Water System Contact:
Farrell R. Landon, owner
Tindall Enterprises, Inc.

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Summary of Water Quality Information

The **Sterling Mobile Home Park** drinking water system is owned by Farrell R. Landon. The facility office is located at 6823 New Jesup Highway, Brunswick, Georgia. This system is operated by **Tindall Enterprises, Inc.** If there are ever any comments or inquiries to be made, please contact Farrell Landon at the number above during regular working hours.

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 **Sterling Mobile Home Park** is committed to providing your community with clean, safe, and reliable drinking water. For more information about your water or this report please call **Tindall Enterprises, Inc.** at the number above. **A copy of this report is available upon request at the facility office.**

Your water comes from one (1) community *groundwater* well, well 102. It derives water from an underground source called the *Coastal Plain Aquifer* and provides ample volumes of water for your community. The well is located within the **Sterling Mobile Home Park** property. The property is protected from activities which could potentially cause contamination of the well or the water source. Any necessary treatment, such as removal of contaminants and/or addition of disinfectant, is performed at the well site.

A **Source Water Assessment Plan (SWAP)** for this facility has been completed and is available upon request at the facility office. This is a report in which the Georgia Department of Natural Resources Environmental Protection Division (GA EPD) identifies any types of pollution to which your water supply could be vulnerable and includes information regarding potential sources of contamination in your watershed. The water system is considered to be in the high susceptibility range for pollution. While there are no cited potential pollution sources in the fifteen (15) foot control zone, there are various sources identified in the management zone. The management zone is an 819-foot area around the well. Cited potential pollution sources for the management zone include access and secondary roads, electrical transformers, utility poles, domestic wells, possible abandoned well, U.S. Route 341, Sterling Mobile Home Park cesspool, two (2) non-domestic septic systems at a consignment shop and an abandoned commercial building, and storm water run-off potentially containing volatile organic compounds from parking areas and/or pesticides and herbicides from lawns. **A full copy of the SWAP is available upon request at the facility office.**

The **Sterling Mobile Home Park** drinking water is tested for more than eighty (80) drinking water parameters on a periodic basis determined by the GA EPD Drinking Water Program and/or the United States Environmental Protection Agency. Sample/testing schedules are based on initial contaminant level assessments and can be changed if deemed necessary. Waivers may be issued for the analysis of certain compounds if analytical data shows that the water in this area is not vulnerable to contamination from these chemicals.

Generally, the **Sterling Mobile Home Park** is sampled every three (3) years for analyses of inorganic compounds and volatile organic compounds; yearly for nitrate-nitrites, lead, and copper; quarterly for radionuclides, and monthly for bacteriological content. This facility employs an on-site manager for the daily maintenance of the system, as well the services of **Tindall Enterprises, Inc.** to perform regular monitoring of the facility.

During 2023, the **Sterling Mobile Home Park** drinking water was tested for bacteriological content, nitrate-nitrites, lead, and copper. **We are pleased to inform you that the Sterling Mobile Home Park did not have any violations of water quality parameters during 2023. All detected contaminants are delineated in the accompanying chart and any contaminants not listed had results less than the detection limits.**

For the 2023 lead and copper monitoring event, five (5) representative locations from your community were tested for lead and copper. **No** sampled sites exceeded the lead *Action Level* limits for either contaminant, however; levels of one or both metals were detected in one or more sample(s). This indicates the presence of some service lines that may contain these contaminants.

Lead and copper are metals found naturally throughout the environment in the soil and water. These metals may also be found in household plumbing fixtures such as service lines, pipes, solders and fluxes and brass and bronze fixtures. Even consumer products such as lead based paint, pottery and pewter may contain lead and/or copper. Corrosion and deterioration of materials containing these metals, as well as erosion of natural deposits can release lead and copper into the drinking water.

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. The **Sterling Mobile Home Park** 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>.

Additionally, the following measures may also 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 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 at 800-426-4791.**

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** may come from 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, 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.

Sterling Mobile Home Park 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 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.

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

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.

**STERLING MOBILE HOME PARK
2023 WATER QUALITY DATA
WSID: GA1270056**

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	Sterling MHP Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Fluoride	ppm	4 [2]	4	0.72	0.72 to 0.72	2021	No	Erosion of natural deposits; water additive which promotes strong teeth

OTHER DETECTED UNREGULATED CONTAMINANTS TABLE								
PARAMETER	UNITS	MCL [SMCL]	MCLG	Sterling MHP Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Sodium	ppm	**	**	32	32 to 32	2021	No	Erosion of natural deposits

LEAD AND COPPER MONITORING RESULTS								
PARAMETER	UNITS	Action Level	MCLG	Sterling MHP 90th Percentile	# of sample sites above Action Level	Sample Date	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	ND	0 of 5	2023	No	Corrosion of household plumbing
Copper	ppm	1.3	1.3	0.0104	0 of 5	2023	No	Corrosion of household plumbing

MICROBIOLOGICAL MONITORING RESULTS								
PARAMETER	Units	MCL	MCLG	Sterling MHP Number of Positive Samples	Positive Sample Date (Month/Year)	Sample Year	Violation No/Yes	Typical Source of Contaminant
Total Coliform	Present/ Absent	1*	0	0	NA	2023	No	Naturally present in the environment
E. coli		0	0	0	NA	2023	No	Human and animal fecal waste

RADIONUCLIDES TABLE								
PARAMETER	UNITS	MCL	MCLG	Sterling MHP Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Alpha emitters	pCi/L	15	0	5.12	ND to 5.12	2021	No	Erosion of natural deposits
Combined radium 226/228	pCi/L	5	0	1.77	ND to 1.77	2021	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

•NA: Not applicable to this contaminant

•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.

•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

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