

## Important Health Information

### *For Customer 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. EPA/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 (800-426-4791).

### 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. The City of North Lauderdale 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/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

## 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**.



Dear Resident,

The City of North Lauderdale's Public Works & Utilities Department is pleased to provide you with this year's 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 safe and dependable supply of drinking water.

Este reporte contiene información muy importante sobre su agua potable. *Los clientes pueden contactar la utilidad para una copia traducida del informe o ayuda en la comprensión de este informe llamando a este numero (954) 724-7070.*

Rapò sa a gen enfòmasyon enpòtan sou dlo wap bwè a. Tanpri fè yon moun tradwi li pou ou, oswa pale ak yon moun ki konprann li. "

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, 2019. Data obtained before January 1, 2019, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.

This report shows our water quality results and what they mean.

## Source Water Assessment

In 2019, the Department of Environmental Protection performed a Source Water Assessment on our system and a search of the data sources indicated three potential sources of contamination with a low to moderate susceptibility level. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at [www.dep.state.fl.us/swapp](http://www.dep.state.fl.us/swapp)

## How to Reach Us

If you have any questions about this report or concerning your water utility, please contact the City of North Lauderdale's Public Works & Utilities Department at (954) 724-7070. We encourage our valued customers to be informed about their water utility. North Lauderdale's City Commission meets at 6PM on the second and last Tuesday of each month in City Hall Commission Chambers.

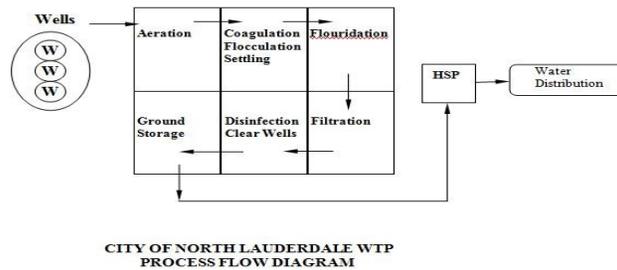
## Precautionary Boil Water Notices

As part of ongoing efforts to protect the health of our communities, the state of Florida has developed rules that regulate how water utilities respond to water main breaks. According to the rules, there may be instances when a Precautionary Boil Water notice must be issued in the affected area. As the name implies, this is a precautionary measure, and more importantly, such a response is not necessary for most water leaks.

We understand that precautionary boil water notices can be a major inconvenience and we make every effort to avoid them. In the event that a precautionary boil water notice is required in your area, notices are distributed immediately. A precautionary boil water notice is lifted only after bacteriological testing confirms the water is safe to drink. We care about your safety and encourage you to follow the precautionary notice should one be issued in your area.

## Your Drinking Water Process

Your water is obtained from a ground water source drawing from the Biscayne Aquifer. Once the water is pumped from our wells to the water treatment plant, the City of North Lauderdale uses aeration, traditional Lime Softening and other chemicals to remove odor, minerals and particles. The water is then filtered to remove smaller impurities and then disinfected with chloramines to destroy bacteria and other microorganisms.



## What is a Cross-connection?

A cross-connection is any temporary or permanent connection between a public potable water system or consumer's potable water system and any source or system containing non-potable water or other substances, such as ground water wells, irrigation system, pools, auxiliary water system, cooling system, etc.



Contaminants can enter the potable water system when the pressure of a cross-connected polluted source exceeds the pressure of the potable source or when pressure in the distribution system is lost causing backsiphonage.

The Utilities Department has a Cross-Connection control program that eliminates cross-connections from the City's water distribution system and maintains ongoing backflow prevention efforts to systematically ensure the safety of your water.

## Did You Know...

The City of North Lauderdale's Public Works & Utilities Department maintains over 800 fire hydrants throughout the water distribution system. Each year, the City flushes a portion of the hydrants to promote optimum operating conditions for the system. Periodic flushing of the water pipelines removes sediment and scale and maintains the cleanliness of the water system, assuring high quality water reliability.



## Drinking Water News

Over the past year the City has installed a state of the art SCADA (Supervisory, Control and Data Acquisition) System and re-conditioned much of the infrastructure and equipment at the water treatment facility. During our last inspection of our aging steel ground storage tank some minor deficiencies were noted and as such the City decided to replace the infrastructure with a new pre-stressed concrete ground storage tank. The new tank meets all regulatory requirements and ensures our abilities to deliver clean safe drinking water to our customers.