OUR DAILY WATER!

UPDATED 5/25/2020
FOR THE YEAR 2019

CONSUMER CONFIDENCE REPORT
LACONIA WATER DEPARTMENT

How Does Laconia’s Water Measure Up?

Laconia’s drinking water has met or exceeded the strict standards set by the State of New Hampshire and the United States Environmental Protection Agency. The Laconia Water Department works hard to make sure the water you drink is of the highest quality. This annual report, which covers all of 2019 and previous years, describes the quality of our drinking water, where it comes from, and where you can get more information.

Consumers of the Laconia Water Department receive their drinking water from Paugus Bay, our water source. The water is treated and filtered at our treatment facility located at 117 Stark Street. One of the contaminants we monitor for is turbidity. Turbidity is a measure of cloudiness in the water. It is monitored because it is a good indicator of the quality of the water, and the potential for interfering with our disinfection process. The turbidity readings indicate how well our filtration process is working to reduce the turbidity levels. The chemicals used to ensure safe drinking water are Sodium Hypochlorite (disinfection), Sodium Hydroxide (pH control), Aluminum Sulfate (coagulation), Sodium Fluoride (dental care), and Zinc Orthophosphate (corrosion control).

Generally, sources of drinking water include rivers, lakes, streams, natural springs and wells. As water travels over the surface of the land or under the ground, it dissolves naturally occurring minerals and radioactive material. It also picks up substances left by animal or human activity as it travels to its destination. For instance, microbial contaminates such as viruses and bacteria may come from sewage treatment plants, septic tanks, livestock operations and wildlife. Pesticides and herbicides come from agricultural runoff and excess residential use. Other inorganic contaminates come from urban runoff, petroleum products, mining and industrial wastewater. Radioactive materials can occur naturally or can come from oil and gas production and mining. The quality of Laconia’s drinking water is governed by the Safe Drinking Water Act. The U.S. E.P.A. and the NH Department of Environmental Services implement this very important law. It requires all of the nation’s water suppliers to meet certain drinking water standards and to monitor the water regularly. If our test results ever violate one of these
Due to the recent concerns regarding lead concentrations in commercially available infant formulas, there may be an increased chance of dental fluorosis. Consult your child’s health care provider for more information.

All infant formulas, either concentrates or ready-to-feed, have some fluoride, but most infant formula manufacturers develop their products to ensure low levels of fluoride. A recent study by the American Dental Association (ADA) confirmed that fluoride concentrations in commercially available infant formulas are very low. It is not possible to remove this small amount of fluoride reconstituted with fluoridated water, there may be an increased chance of dental fluorosis. Consult your child’s health care provider for more information.

Due to emerging concerns of perfluorinated chemicals (PFC), specifically perfluorooctanoic acid (PFOA), we felt it would be advisable to test our source water. The initial detection of contamination was located in the southern section of the state. A company that makes Teflon products was the source. It was created from the discharge through the company smoke stack. The airborne contaminant was deposited on the surface and eventually worked through the soil to the bedrock groundwater. We were notified by NHDES that 2 companies in the Lexington Drive industrial park discharge similar contaminants. Our test result showed very minimal detection; only 2 parts per trillion (ppt) for PFOA. The health advisory level (HAL) set by DES, is at 70ppt. EPA previously lowered the level from 100 to 70ppt. Our water department has created a website detailing information about our business operation. To get to our website, just type in “Laconia Water Department” on the internet page of your computer and it will take you to our site.

For more information about Laconia’s drinking water, please call Benjamin Crawford, Superintendent, at 524-0901 or Brian McCall, Water Quality Control Supervisor, at 524-1096. The Laconia Water Department’s Board of Water Commissioners generally meet each 2nd and 4th Thursday of each month at 8:00 a.m. at the Water Treatment Facility, 117 Stark Street. The meetings are open to the public.