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## TOWN OF AVON

60 West Main St. Avon, CT 06001-3719 www.avonct.gov

September 26, 2018

RE: Potential Sanitary Sewers in Carriage Drive, Highwood Drive, Highwood Circle, Candlewood Lane Neighborhood

Dear Resident;

This letter provides an update to the prospective project to install sanitary sewers in the Carriage Drive/Highwood/Candlewood area.

## **Brief History:**

On May 24, 2016, the Town of Avon Engineering Department received a petition from numerous residents of Carriage / Highwood / Candlewood neighborhood requesting that we explore the feasibility and relevant costs to construct public sanitary sewers in the neighborhood. At that time, the Town had numerous existing projects underway which precluded the Engineering Department from performing necessary preliminary studies from which design and cost estimates could be derived.

The Engineering Department prepared a preliminary design and on February 8, 2018, the Avon Water Pollution Control Authority (AWPCA) conducted a public information session during their monthly meeting to present information concerning the project. The primary purpose of the information session was to inform residents about the possible project details including process, costs to residents, and schedule; to answer questions; and to solicit feedback.

At their March 8, 2018 meeting, the AWPCA voted to proceed with design for sewers in your neighborhood with the goal of going to construction as soon as reasonably possible. This decision was based primarily on their charge to protect the environment, but also on feedback from residents.

Accordingly, the Engineering department proceeded to collect information by conducting a soil boring program in the project area. The purpose of this effort was to acquire data about soil conditions, prevalence of ledge or boulders, and depth to groundwater. While no ledge or boulders were encountered,

groundwater was encountered and very close to the surface for many of the borings.

The groundwater level can have a profound impact on the cost of installing sewers because when it is encountered, the contractor has to not only pump the water out as they construct, but also typically it forces more excavation due to trenches collapsing etc. – all of which drive the costs up.

Accordingly, the AWPCA directed me to install monitoring wells within the project area so that we can record the water levels over time – the goal being to understand groundwater levels throughout the year so that if the project is constructed, we do so at a time that minimizes groundwater impacts. We are recording the levels now and will do so over the coming months/year.

You should also know that recently we have been in conversations with the Town of Farmington regarding their expansive treatment plant upgrade and cost to treat our effluent. Without going into the details, Avon's anticipated contribution to the treatment plant upgrade was originally presented as being just under \$5M, however Farmington reviewed costs and our nearly 50-year old agreement and recently projected that cost to be as high as \$12M. That in addition to billing errors that result in an 86% increase in treatment costs have caused profound impacts to our sewer fund budget resulting in a moratorium on capital projects in the short term. Until we have negotiated the final terms with Farmington it is impossible to say with any confidence when sewer extension projects will happen.

If you have any questions, please contact the Engineering Department at: 860-409-4322.

Sincerely,

Lawrence Baril, P.E., GIS

Lammun E. J. c.

Town Engineer

C: Brandon Robertson, Town Manager

**AWPCA** 

Tim Foster, Sewer Superintendent