

**WILTON PUBLIC WORKS
DEPARTMENT**

(203) 563-0153



**TOWN HALL ANNEX
238 Danbury Road
Wilton, Connecticut 06897**

TO: Erik Lindquist, P.E. – Tighe & Bond

FROM: Frank Smeriglio, PE – *FS.*
Director of Public Works/ Town Engineer

DATE: April 12, 2024

Cc: WPCA Commission
Michael Wrinn – Director of Planning & Zoning

RE: 64 Danbury Road, Wilton CT – Danbury Road Owner, LLC

This review was based on drawings dated December 21, 2023 and supporting materials as listed in the January 5, 2024 letter from Carmody Torrance Sandak & Hennessey submitted to Planning & Zoning and received by Department of Public Works on January 9, 2024. This review is also based on submission to the WPCA on February 16, 2024. Based on the review of the above mentioned application at this time, the items listed below shall be addressed:

- 1) The project is subject to obtaining approvals from Wilton's WPCA Commission to connect additional units into the sanitary sewer system. The WPCA is currently evaluating all flows from proposed development projects to determine if proposed flows at the Town line will remain below what's allowed in the Interlocal Agreement between Norwalk and Wilton.
- 2) Project is subject to any comments set by the City of Norwalk WPCA.
- 3) Per email dated 2/22/24, provide any additional information to support your calculation for existing flows generated by the existing building.
- 4) Per email dated 2/22/24, provide current water readings. If the building is not occupied or fully occupied – provide historic water readings going back five years or going back to when the building was occupied. (exclude any flows for sprinkler systems, etc.)
- 5) Per email dated 2/22/24, Provide your opinion of the average daily actual flows (with assumptions) proposed to be generated by the units (flows from units, pool, any other, etc.).

As per Tighe & Bond's 2019 CT Sewer Rate Survey, it was estimated that 65 gallons per person was the average.

- 6) In consideration of the difficult nature to install a new sewer line across Route 7, Engineer should determine where the existing building's sewer connection to the sewer main is currently, and whether it is feasible to re-use the existing lateral. Please note, as part of potentially utilizing the existing sewer lines, Applicant shall implement an infiltration and inflow analysis for the sanitary sewer system on site as part of the development plans, prepared by a registered professional engineer licensed in the State of CT.
 - a. Applicant shall install flow meter and evaluate potential inflow and infiltration issues.
 - b. Applicant shall inspect sanitary lines and inspect manholes for potential infiltration at locations.
 - c. Applicant shall inspect existing footing drains / interior sump pumps for ground water and verify that they are connected to storm drain. If they are connected to sanitary, relocate to storm system accordingly.
 - d. Engineer shall provide repair scope of work for items found in a, b, and c above and shall conduct the physical repairs.
 - e. Applicant shall begin this review immediately and shall provide updates monthly as part of the development work with a completion target prior to Certificate of Occupancy
- 7) If a pool is proposed:
 - a) What are the discharge frequencies and flow rates associated with the pump discharge?
 - b) General Permit for the discharge of Swimming Pool Wastewater may be required with the Town of Wilton and/or State of Connecticut.
 - c) Depending on responses to sub item "a", Pump discharge times will be restricted.
- 8) Engineer to provide additional details of the sanitary sewer line on Route 7. Including, but not limited to:
 - a. Depict sanitary sewer profile through Route 7 including other existing utilities.
 - b. Depict detail to core drill into the existing manhole with rubber boot.
 - c. Depict existing inverts and proposed inverts with a potential outside drop detail
 - d. Depicting roadway trench limits through Route 7.
 - e. Obtain State DOT approval of trench details on Route 7.
 - f. This work can be completed before issuance of Building permit.
- 9) Sewer Capital Assessment in accordance with WPCA regulations shall be levied on the property.
- 10) Depict footing drain discharge on the plans. They shall not tie into the Sanitary system.
- 11) Please note, Wilton WPCA is coordinating with Aquarion Water Company to obtain water readings directly to monitor flows from the site and/or to change billing format. Further information on this will follow.

- 12) Please note, Property owner shall be responsible for maintenance and any potential clogs in the lateral and/or sewer main connection points up to the main sewer line on Route 7.
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- 14) All proposed sewer lines shall be air tested and video inspected prior to sign off of certificate of occupancy.
- 15) All proposed work in the State Right of Way shall be subject to the State Encroachment Permit approval.
- 16) Prior to the issuance of a Certificate of Occupancy, a certified as-built drawing and certified letter signed by a Professional Engineer indicating that all work was completed in accordance with the design plans shall be submitted to the Town of Wilton.

Based on the items above, this list shall be considered preliminary. Additional items shall be requested depending on responses to the above.

If you have any questions, please do not hesitate to call.