

Chapin Spencer
PUBLIC WORKS DIRECTOR

Norman J. Baldwin, P.E.
CITY ENGINEER



P.O. Box 849
BURLINGTON, VT
05402
(802) 863-9094 P
(802) 863-0466 F

October 28, 2016

Tom Furland
3 Tanglewood Drive
Essex Junction, VT 05452

Re: Water/Sewer Capacity for Single Family Home at 3127 North Avenue Extension

Dear Mr. Furland,

This letter is to inform you, the State of Vermont Environmental District and other interested parties that the City of Burlington's water and wastewater facilities have sufficient capacity to handle flows associated with a new home at the above address. Using the State Environmental Protection Rules, we have calculated the water and sewer demands to be 405 gpd and 210 gpd (gals/day), respectively. This based on a total of three bedrooms (2 plus 1 accessory apartment bedroom) at 135 gpd each for water and a fixed residential wastewater rate for connections to a large municipal system.

Flow from this area is treated at our North Wastewater Plant on North Avenue. It is important to note that this letter only addresses treatment plant and not distribution or collection system capacities.

This letter is good for one (1) year from the date of writing. If this letter is not filed with the proper offices, or if the proper permits are not obtained within that year, you will need to reapply. Any changes in flow estimates or property usage also requires reapplication. Please feel free to call me at 865-7258 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "S. T. Roy".

Steve Roy, P.E.
Water Resources Engineer