

Chapin Spencer
PUBLIC WORKS DIRECTOR

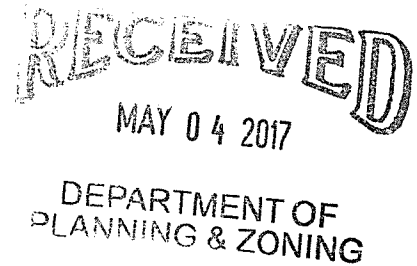
Norman J. Baldwin, P.E.
CITY ENGINEER



P.O. Box 849
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February 10, 2017

Nick Smith, E.I.
Lamoureux & Dickinson
14 Morse Drive
Essex, VT 05452



Re: Water/Sewer Capacity for Development at 451 Ethan Allen Parkway

Dear Mr. Smith,

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 demand associated with a 9 unit development at the above address.

Using calculated design flows from the State Environmental Protection Rules, we have reserved 4,860 gpd (gals/day) for water and 1,890 gpd for sewer. This is based on a total of 36 bedrooms at 135 gpd/bedroom for water and 9 single family units at a flat rate of 210 gpd/unit for sewer connection to a large municipal system. Sewage from this area is treated at our North Wastewater Plant on North Avenue Extension. It is important to note that this letter only addresses treatment plant and not distribution or collection system capacities.

This letter and reserved flows are 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.
Project Engineer
Burlington Public Works



City of Burlington
Department of Public Works

Technical Services Engineering Division
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www.burlingtonvt.gov/DPW

*To: City of Burlington Planning & Zoning
Doug Henson – Lamoureux & Dickenson*

From: Laura K. Wheelock P.E. - Public Works Engineer, DPW

Date: February 27, 2017

Subject: 451 Ethan Allen Parkway – Sight Distances

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MAY 04 2017

DEPARTMENT OF
PLANNING & ZONING

The Department of Public Works (DPW) has reviewed the site plan provided by Lamoureux & Dickenson for available sight distances at the project driveway, plan dated 8/26/16.

Based on the plan submitted to DPW the available sight distance from the project driveway exceeds 300 feet to the north and 190 to the south. The American Association of State Highway Transportation Officials Green Book lists for streets with a speed limit of 25 MPH the minimum sight distance is 155 feet. The sight distance at the project drive exceeds these values.

Therefore DPW has no objections with the sight distances provided at this project's proposed driveway.

Should you have any questions please contact me at LWheelock@burlingtonvt.gov or 540-0397.