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March 6, 2017

Andrew G. Mills, PE  
Trudell Consulting Engineers  
478 Blair Park Road  
Williston, VT 05495

Re: Water/Sewer Capacity for Residential Housing at 80 Colchester Avenue

Dear Mr. Mills,

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 residential building at the above address.

Using your attached calculated flows from the State Environmental Protection Rules, we have reserved 10,125 gpd (gals/day) for water and 10,500 gpd for sewer. Sewage from this area is treated at our East Wastewater Plant on Riverside Avenue. It is important to note that this letter only addresses treatment plant and not distribution or collection system capacities. Wastewater from this project will flow into a pipe on Colchester Avenue that in fact has a combined sewer overflow (CSO) point downstream. In order to prevent increasing the duration and/or frequency of overflows, we have verbally discussed either using cellular telemetry to temporarily disable this project's pump station when overflows are occurring or working with us on some sort of offset project that removes stormwater from our system.

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 497-7021 if you have any questions.

Sincerely,

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

Steve Roy, P.E.  
Senior Water Resources Engineer  
Burlington Public Works  
colchester80\_cap



January 14, 2017

Steve Roy  
City of Burlington DPW  
Via Email: sroy@burlingtonvt.gov

Subject: Water/Wastewater Allocation Request  
Colchester Avenue Housing – 80 Colchester Ave  
Project # 16-077

Dear Steve:

I am writing this letter to request water and wastewater allocation from the City of Burlington for a project at 80 Colchester Avenue. The project consists of a new 75 unit (all one bedroom) residential building. As we have previously discussed, the project proposes an on-site pump station discharging via force main to a manhole in Colchester Ave and a new 8" water service line onto the property from the high pressure main on the south side of Colchester Ave. The water and wastewater allocation requested are based on the Wastewater System and Potable Water Supply Rules and are as follows:

Water: 75 Bedrooms X 150 GPD/Bedroom – 10%\* = 10,125 GPD  
Wastewater: 75 Bedrooms X 140 GPD/Bedroom = 10,500 GPD  
\*reduction for low flow fixtures

Should you have any questions, please do not hesitate to contact me directly. We look forward to your response.

Regards,

A handwritten signature in blue ink, appearing to read 'Andrew G. Mills', is written over a light blue horizontal line.

Andrew G. Mills, P.E.  
Project Engineer

Cc: Eastern Development Corp.