

589 Avenue D, Suite 10 PO Box 787 Williston, VT 05495

www.kas-consulting.com

802 383.0486 p 802 383.0490 f October 11, 2024 (Revised October 14, 2024)

Josh Arneson Town Manager Peaceable Street Richmond, VT 05477

RE:

Request for Capacity to Serve Letter for Municipal Water for Proposed Subdivision located at Peaceable St. Richmond, VT 05477

Dear Mr. Arneson:

Please accept this letter and request for water and sewer allocation increase by Peaceable Kingdom, LLC associated with the revised subdivision located along Peaceable Street in Richmond, Vermont. The existing site consists of 4 developed living units with 9 bedrooms all of which are on municipal water and sewer. The property has an existing water wastewater permits under WW-4-4214 with WW-4-4214-3 being the most recent of these permits from 2020. Existing allocations were determined based on prior layouts of the proposed layout of this piece of subdivided land. The total gallons allocated previously approved per permit WW-4-4214-3 for water supply and wastewater design flows were 2,850 gallons per day (GPD) and 1,470 GPD, respectfully.

The proposed subdivision anticipates having a total of 8 lots with 9 living units with a total of 24 bedrooms. The Water Supply Rules state that the average requirement for a single family dwelling is 150 GPD per bedroom. Wastewater Systems and Potable Water Supply Rules indicate that 210 GPD of wastewater design flow is required per living unit. The applicant is requesting total municipal water service allocation for the revised project of 3,600 GPD, and sewer service allocation of 1,890 GPD. Please note that the requested increase in allocation from the most recent previously approved WW permit is 750 GPD for the water service, and 420 GPD for the sewer service.

The applicant is in the process of obtaining local Town and State permits, and a confirmation of available sewer and water allocation is required. Please consider our request, and feel free to contact me with any questions or require additional information.

Sincerely,

Stephen Diglio, P.E.

Engineer Manager

Enclosed: Water Service and Sewer Service Allocation Forms