

WILLIS DESIGN ASSOCIATES, INC.

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February 14, 2019

Dolores Eckert, Asst. Regional Engineer
Vermont Dept. of Environmental Conservation
Drinking Water & Groundwater Protection Division
111 West Street
Essex Junction, Vermont 05452

Re: Lot 2
Permit #WW-4-2420

Dear Dolores:

I inspected the installation of the wastewater system and water supply that serve the above referenced property. The extent of the inspection was limited to work that could be visually verified during each visit.

The well was constructed approximately 75 feet north of the approved location. This location continues to comply with the Water Supply Rules. No adjoining landowner is affected by the revised well separation zone and corresponding overshadowing. An as-built plan (record drawing) depicting the preceding change is attached as required.

With respect to Condition #1.5 of the permit: "I hereby certify that in the exercise of my reasonable professional judgment the installation-related information submitted is true and correct and the potable water supply and wastewater system were installed in accordance with: the permitted design and all permit conditions; or record drawings and such record drawings are in compliance with the applicable rules, were filed with the Secretary, and are in accordance with all other permit conditions; were inspected; were properly tested; and have successfully met those performance tests."

The pump station was placed with its outlet elevation higher than the manifold in the distribution network. Consequently, a vacuum break was installed in lieu of a weep hole. Although insulation was provided to inhibit frost action, the landowner is advised to avoid pedestrian or vehicle traffic over the force main piping route during winter months. Snow should also be allowed to accumulate over the mound and piping route.

Settled or eroded areas that occur over time may require repair. Additional topsoiling, seeding and mulching may also be necessary to establish a proper vegetative cover.

Feel free to call if you have any questions regarding this matter.

Sincerely,



Justin Willis
Licensed Designer

c Brian Tijan & Tina Norris
Hadley Construction, LLC
Town of Underhill