

From: Douglas, Bruce <Bruce.Douglas@vermont.gov>
Sent: Thursday, April 25, 2024 5:08:17 PM
To: Hackett, Emily <Emily.Hackett@vermont.gov>
Cc: Kie, Nathan <Nathan.Kie@vermont.gov>; Arfaoui, Achouak <Achouak.Arfaoui@vermont.gov>; Claudon, Lynnette <Lynnette.Claudon@vermont.gov>; Johnson-Terk, Denise <Denise.Johnson-Terk@vermont.gov>
Subject: RE: 1705 Property

Hi Emily,

Thanks for forwarding this. Essentially, it is not the responsibility of the Agency of Natural Resources to determine that a site is not suitable for a wastewater system, but rather it is up to the landowner, or the Town in this case, to determine that the site is suitable and meets the appropriate rules.

I assume that this inquiry is in the context of a less than 6,500 gallon per day wastewater system, which would need to meet the requirements of the Wastewater System and Potable Water Supply (WW) Rules. The only way to know whether a wastewater system can or cannot be permitted under these rules for this particular site, is for the owner or a prospective buyer (the Town/) to hire an appropriately qualified licensed designer (and if necessary - due to anticipated soil conditions and/or design flows - a hydrogeologist) to determine whether the site and soil conditions appear to be adequate for a wastewater system that complies with the rules.

There are many factors to take into account, but generally, the first step would be for the licensed designer to look at the site conditions in the context of the wastewater design flow that the Town is proposing for this site. If the site conditions appear to be potentially suitable for the intended use, then the designer will need to dig test pits to confirm whether or not soil conditions are suitable for a complying onsite wastewater system. The WW program should be present when the test pits are logged by the licensed designer (and if necessary, a hydrogeologist), so that soil/site conditions and potential wastewater system design alternatives (if any appear to be feasible) can be discussed in the field. If the soil and site conditions appear to be adequate and the Town wants to proceed with the project, then the designer could proceed a topographic survey and a wastewater system design. A WW permit application and design would need to be submitted to the WW program for final review and approval.

Please feel free to forward this email to the Town.

Bruce