

October 31, 2022

BHL Group, LLC 977 Seminole Trail #292 Charlottesville, VA 22901

RE:

Site and Soil Evaluation For Proposed Septic System

Wakefield Road - Southampton County

Tax Map# 45-19A; 1.44 Acres

Dear Mr. Legg,

At your request, I have evaluated the site and soil conditions at the above referenced property for the ability to install an onsite sewage disposal system. The site has been evaluated based upon current Virginia Department of Health Regulations.

My evaluation indicates that the site and soils are unsuitable for the installation of a "conventional" drainfield, due to shallow depth of seasonal water table. However, the site is suitable for the construction of an "alternative" tertiary pretreatment (TL-3) with UV Disinfection system, utilizing a above-ground drip or pad dispersal, with an assumed maximum average usage of 600 GPD (4 Bedrooms). A septic system of this type typically costs in excess of \$40,000 for materials and installation.

Additionally, a yearly maintenance contract is required by the state for proper operation of the system. Maintenance contracts range from \$350-\$500 per year based upon the provider and type of system.

This information does not serve as permission to construct a septic system. A formal permit design package can be prepared at your request and must be approved by the local health department prior to construction.

Youngblood, Tyler & Associates, P.C. appreciates the opportunity to serve as your soil consultant on this project. Please do not hesitate to contact me if you have any questions regarding this letter.

Sincerely,

Shannon D. Hill; LPSS, AOSE

Licensed Professional Soil Scientist/Alternative Onsite Soil Evaluator