

**JOSEPH A HINTON**  
**JUSTSOILS53, PLLC**  
*LICENSED SOIL SCIENTIST*  
*AUTHORIZED ON-SITE WASTEWATER EVALUATOR*



145 RIVER RIDGE ROAD ◆ EDEN, NORTH CAROLINA 27288 ◆ 336-432-7551

E-mail: [josephinton@triad.rr.com](mailto:josephinton@triad.rr.com)

February 19, 2024

CSS Landco LLC  
P. O. Box 3401  
Eden, North Carolina 27289  
Attn: Mr. Adam Hunnicutt

Dear Mr. Hunnicutt,

### OBJECTIVE

JustSoils53, PLLC conducted a soil/site evaluation of a portion of Parcel 102923 located on Easley Road in Rockingham County to determine areas of soil and/or saprolite that have the potential to install a ground absorption sewage treatment and disposal system to accommodate a bedroom single family dwelling.

JustSoils53, PLLC traversed the property observing the landforms (topographical features, drainage patterns, etc.) and soil conditions (soil horizons, depth, texture, structure, drainage, mineralogy, etc.) by extending borings with a hand auger and/or soils probe, and/or pits. The evaluation was conducted in accordance with current soil science practices and technology and the soils and sites criteria found in 15A NCAC 18E Wastewater Treatment and Dispersal Systems. A map of the area evaluated is enclosed.

### OBSERVATIONS

**A** The surface layer to depths of 8 to 12 inches below ground surface (bgs) consists of loam. The structure of the loam appears to be granular with friable consistence. The subsurface layer to depths of 32 to 40 inches bgs consists of clay and clay loam. The structure of the clay appears to be moderate medium subangular blocky with firm, slightly sticky, slightly plastic consistence. The structure of the clay loam appears to be weak fine subangular blocky with friable, slightly sticky, slightly plastic consistence. Saprolite with a texture of loam was observed from 32 to 50 inches bgs with a hand auger. The structure appears to be massive with friable consistence. Soil wetness conditions were not observed in the borings to a depth of 50 inches bgs. Slopes range from 12 to 14 percent.

*"What then shall we say to these things? If God is for us, who can be against us?" Romans 8:31*

## **FINDINGS**

The soil and saprolite properties and characteristics observed in **A** meet the criteria found in 18E to be classified as suitable for the installation of a ground absorption sewage treatment and disposal system to accommodate a four-bedroom single family dwelling. The recommended long term acceptance rate is .3 gallons per day per square foot.

JustSoils53, PLLC Soil/Site Evaluation discusses, describes, and denotes the location of soils and/or saprolite and topographical features to accommodate ground absorption sewage treatment and disposal systems for single family dwellings. There are multiple pathways to obtain Improvement Permits (IP) and the Construction Authorization (CA). The IP and CA may be applied for from the Local Health Department (LHD), traditional public option. An IP/CA application may be submitted to the LHD by the client utilizing a License Soil Scientist (LSS) to prepare the required documents in accordance with G.S. 130A-335 (a2) and (a3). Client may submit a Notice of Intent to Construct (NOI) prepared by an Authorized On-Site Wastewater Evaluator (AOWE). Contact JustSoils53, PLLC for further details and fees.

JustSoils53, PLLC is pleased to offer you our professional services and looks forward to assisting with any of your site analysis needs in the future. If you have any questions or require further assistance, contact me at 336-432-7551 or email [josephinton@triad.rr.com](mailto:josephinton@triad.rr.com).

Respectfully,



Joseph A Hinton, LSS, AOWE  
JustSoils53, PLLC



**The Soil/Site Evaluation Report and Map prepared by JustSoils53, PLLC is proprietary and for use by the client only unless JustSoils53, PLLC receive permission from the client to release it to a third party. JustSoils53, PLLC requires an email from the client giving permission to discuss the findings of the Soil/Site Evaluation Report and Map with the third party.**

*But those who trust in the Lord will receive new strength. They will fly as high as eagles. They will run and not get tired. They will walk and not grow weak. Isaiah 40:31*