



To: Jim Manhart, Harnett County Environmental Health Department
From: Sloan Griffin, Advanced Septic, Inc.
Date: June 1, 2017
Subject: System alteration proposal for 25 Kinnis Creek Drive

Jim,

Per our discussion please find the following system alteration suggestions, layout, and soil boring locations for the septic system at 25 Kinnis Creek Drive in Angier. Due to several concerns with the attempted installation of the system, I recommend the following actions at this time:

- 1) Abandon the attempted drainfield lines and install two 60' gravel lines on contour as denoted by the purple lines on the drawing. Suggested max trench bottom depth is 20 inches.
- 2) Shorten the existing 100' lines to 60' and maintain 10' setback off the property line utilizing bentonite dams.
- 3) Confirm condition of septic tank and install sanitary tee with effluent filter if not already provided.

Feel free to contact with any questions or concerns,

Thanks,

Sloan Griffin



Repair System Layout

Project:

Parm Sandhaar

Property Location:

**25 Kinnis Creek Drive
Angier, NC 27501**

Drawing By:

Sloan Griffin

Date: May 24, 2017



.1940 Landscape Pos/Slope %		Profile LTAR	
.1942 Wetness Condition		System Type	
.1943/.1956 Saprolite			
.1944 Restrictive Horizon			
.1948 Profile Classification			

Comments: _____

EVALUATED BY: _____ Sloan Griffin

COMMENTS: _____

LEGEND OF ABBREVIATIONS FOR SITE EVALUATION FORM

<u>LANDSCAPE POSITION</u>	<u>TEXTURE GROUP</u>	<u>TEXTURE CLASS</u>	<u>.1955 LTAR</u> (gal/day/sqft)
CC - Concave Slope CV - Convex Slope DS - Debris Slump D - Depression DW - Drainage Way FP - Flood Plain FS - Foot Slope H - Head Slope I - Interflueve L - Linear Slope N - Nose Slope P - Pocosin R - Ridge S - Shoulder T - Terrace	I II III IV	S - Sand LS - Loamy Sand SL - Sandy Loam L - Loam SCL - Sandy Clay Loam CL - Clay Loam SiL - Silt Loam Si - Silt SiCL - Silt Clay Loam SC - Sandy Clay C - Clay SiC - Silty Clay O - Organic	1.2 - .08 0.8 - 0.6 0.6 - 0.3 0.4 - 0.1
<u>STRUCTURE</u>	<u>MOIST CONSISTENCE</u>	<u>MOTTLES</u>	<u>WET CONSISTENCE</u>
G - Single Grain M - Massive CR - Crumb GR - Granular SBK - Subgranular Blocky ABK - Angular Blocky PL - Platy PR - Prismatic	Vfr - Very Friable Fr - Friable Fi - Firm Vfi - Very Firm Efi - Extremely Firm	1 - Few 2 - Common 3 - Many F - Faint D - Distinct P - Prominent f - Fine m - Medium c - Coarse	NS - Non Sticky SS - Slightly Sticky S - Sticky VS - Very Sticky NP - Non Plastic SP - Slightly Plastic P - Plastic VP - Very Plastic