

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: Danville Langdon APPLICANT: Same
ADDRESS: Angier nc. APPLICATION DATE: 5-14-96 DATE EVALUATED: 5-26-96
PROPOSED FACILITY: Home PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: .67 ac.
LOCATION OF SITE: Lot C Old Stage Rd. PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

P R O F I L E #	.1940 LAND- SCAPE POSITION/ SLOPE %	HORI- ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	< 0-15%	0-20	LS	VFR					.8
		20-48	SL	VFR					
2	< 0-15%	0-12	LS	VFR					.6
		12-20	SL	VFR					
		20-48	SCL	SBK FR					
3	< 0-15%	0-20	LS	VFR					.5
		20-24	SL	FR					
		24-48	SCL to SC	SBK FR					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):
Available Space (.1945)	OK	OK	SITE CLASSIFICATION (.1948): <u>P5</u>
System Type(s)	Pump & Conv.	" " " "	EVALUATED BY: <u>Jeff Eudy</u>
Site LTAR	.6	.6	OTHER(S) PRESENT: _____

LEGEND*use the following standard abbreviations*

<u>LANDSCAPE POSITION</u>	<u>GROUP</u>	<u>SOIL TEXTURE</u>	<u>CONVENTIONAL .1955 LTAR</u>	<u>LPP .1957 LTAR</u>	<u>MINERALOGY/ CONSISTENCE</u>	<u>STRUCTURE</u>
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEX ⁷ (Slightly Expansive)	M (Massive)
D (Drainage Way)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3	EXP (Expansive)	CR (Crumb)
DS (Debris Slump)		L (Loam)			GR (Granular)	
FP (Flood Plain)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		SBK (Subangular Blocky)
FS (Foot Slope)		SICL (Silty Clay Loam)			ABK (Angular Blocky)	
H (Head Slope)		CL (Clay Loam)			PL (Platy)	
L (Linear Slope)		SCL (Sandy Clay Loam)			PR (Prismatic)	
N (Nose Slope)		SLC (Silt Loam Clay)				
R (Ridge)	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	<u>MOIST</u>	<u>WET</u>
S (Shoulder Slope)		SIC (Silty Clay)			VFR (Very Friable)	NS (Non-sticky)
T (Terrace)		Clay	FR (Friable)	SS (Slightly Sticky)		
		O (Organic)	FI (Firm)	S (Sticky)		
				VFI (Very Firm v. Very Sticky)	VS (Very Sticky)	
			EFI (Extremely Firm)	NP (Non-plastic)		
					SP (Slightly Plastic)	
					P (Plastic)	
					VP (Very Plastic)	

NOTES**HORIZON DEPTH**

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE

S(suitable) or U(unsuitable)

SOIL WETNESS

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

CLASSIFICATION

S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

