DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

107 131
4775-05-1509

OWNER: THOMAS AYERS APPLICANT: SAME
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): 560 PROPERTY SIZE: ___
LOCATION OF SITE: SPRING FORREST LOT 82 PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut AUGER
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

(7) 0-10" scl, wk, gr f ns np nso
10-48" c, med, sbk f/fi, s, p, scp
PS = 3

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
1	LINEAR 6% RIGHT ABOVE TOE SLOPE	0-28"	cl/loam, wk, gr	fr, ss, sp, scp	light reds from 10-42" / BRIGHT YELLOW 2.5Y 6/6	US AT 42" ABOVE BY RULE 15A NCAC 18A. (m)	STAY 12"		PS .25
		28-42"	c, med, sbk	fr, s, p, scp					
		42"+	YELLOW CLAY High H2O TABLE						
3	LINEAR 8%	0-12"	c med sbk	fr, s, p, scp	[redacted]	<24"	>24" PS		PS .4
		12-24"	c scp mix	f ns np nso					
		24-48"	saprolite	f ns np nso					
5	LINEAR 8%	0-24"	c, med, sbk	fr, s, p, scp	[redacted] 18" TREUIT BOTTOM 25% RED LP SHALLOW LIMBER REMOV				PS .2
		24-30"	c scp mix	fr, ss, sp scp					
		30"-48"	saprolite mixed with hvy clay						
			nodels mixed in yellows						
6		0-10"	Croma 1 & 2 mixed w clay		High H2O TABLE				US
			US						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	CLAN 25% RED	LP 25% RED
Site LTAR	.25	.2

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. COOK
OTHER(S) PRESENT: D. YOUNTZ, TODD ELLIS

HUES 1/2/4 THE SAME

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
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)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SLC (Silt Loam Clay)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		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).

