DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4941753 837
COUNTY: Johnston 071 Lot #7 Trivette

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: ERNEST WHITE — APPLICATION DATE 5-5-15
ADDRESS: 263 CORNETTE HAMLETT RD HENRY NC 27537 — DATE EVALUATED: 6-1-15 / 6-4-15
PROPOSED FACILITY: 2BR HOUSE/BLDG — PROPOSED DESIGN FLOW (.1949): 240 — PROPERTY SIZE: 12.885 AC
LOCATION OF SITE: 21 N @ Buell BRIDGE @ HAMLETT @ ADDR # 263 — PROPERTY RECORDED: YES
WATER SUPPLY: • Private • Public ✓ Well • Spring • Other
EVALUATION METHOD: X Auger Boring • Pit • Cut — TYPE OF WASTEWATER: X Sewage • Industrial Process • Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	8" in 10' 7% Linear	0-3"	scl wk gr	fr np nap					PS .3
		3-28"	c med sbk	fi sp sap					
		28-48"	cl wk sbk	fr ss sp sap →	saprolite in clay	< 50%			
					+48"	+48"	+48"	+48"	
2	8" in 10' 7% Linear	0-3	scl wk gr	fr np nap					PS .3
		3-28"	c med sbk	fi sp sap					
		28-48"	cl wk sbk	fr ss sp sap →	saprolite in clay	< 50%			
					+48"	+48"	+48"	+48"	
3	8" in 10' 7% Linear	0-3	scl wk gr	fr np nap					PS .3
		3-30"	c med sbk	fi sp sap					
		30-48"	cl wk sbk	fr ss sp sap					
					+48"	+48"	+48"	+48"	
4	8" in 10' 7% Linear	0-3"	scl wk gr	fr np nap					PS .3
		3-40"	c med sbk	fi sp sap					
		40"-48"	cl wk sbk	fr ss sp sap					
					+48"	+48"	+48"	+48"	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	600 GAL 25% RED	600 GAL 25% RED
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. CLARK
OTHER(S) PRESENT: ERNEST WHITE

COMMENTS: 600 GAL W/ BURR

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)		SiL (Silt Loam)				
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)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

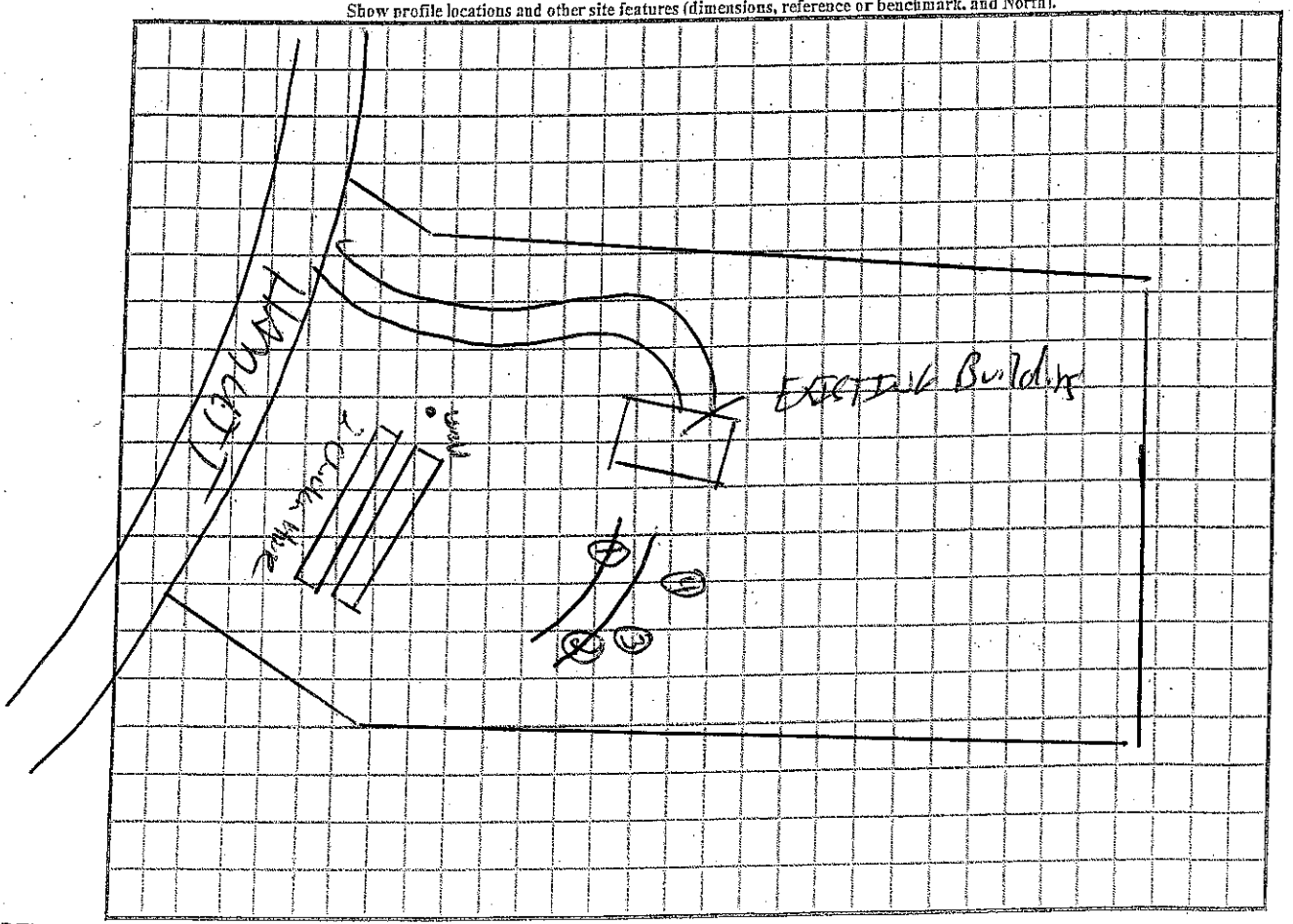
NOTES

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/ft^2

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



DENR (######)
Review (######)