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

Sheet ____ of ____
PROPERTY ID #: 138549
COUNTY: 4712 34 9614.016

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jerry Price
ADDRESS: 239 LEWIS FERRY RD STATESVILLE NC 28677
PROPOSED FACILITY: 3 BR HOME
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: EUFOLA FARMS LOT 16

APPLICATION DATE: 10-12-06
DATE EVALUATED: 10/25/06
PROPERTY SIZE: 5.76 ac
PROPERTY RECORDED: yes

WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ____
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

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	PROFILE CLASS & LTAR
1	PLT 12% L	0-6"	SCL WK gr	f nonplas		24"			PS .3
		6-24	Cmod sbk	f sticky					
		24-72	bcmpd weathy		7C inclusions		3b"	78	
2	12% L Auger	0-18"	Hor C mod sbk	f sticky	TOP LAYER		SCRAPED OFF		PS .25
		18-24"	C mod sbk	f sticky					
		24-48"	C mod sbk	f sticky	5yr inclusions		< 50%		
					brch - as go		deeper		
3	12% Auger	0-6	SCL WK gr	f nonplas					PS .25
		6-24"	C mod sbk	f sticky					
		24-48"	C WK sbk	f sticky					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	GRW 25%	GRW 25%
Site LTAR	.25	.25

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____
EVALUATED BY: L. Cook
OTHER(S) PRESENT: J. Price

COMMENTS: ____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
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)

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

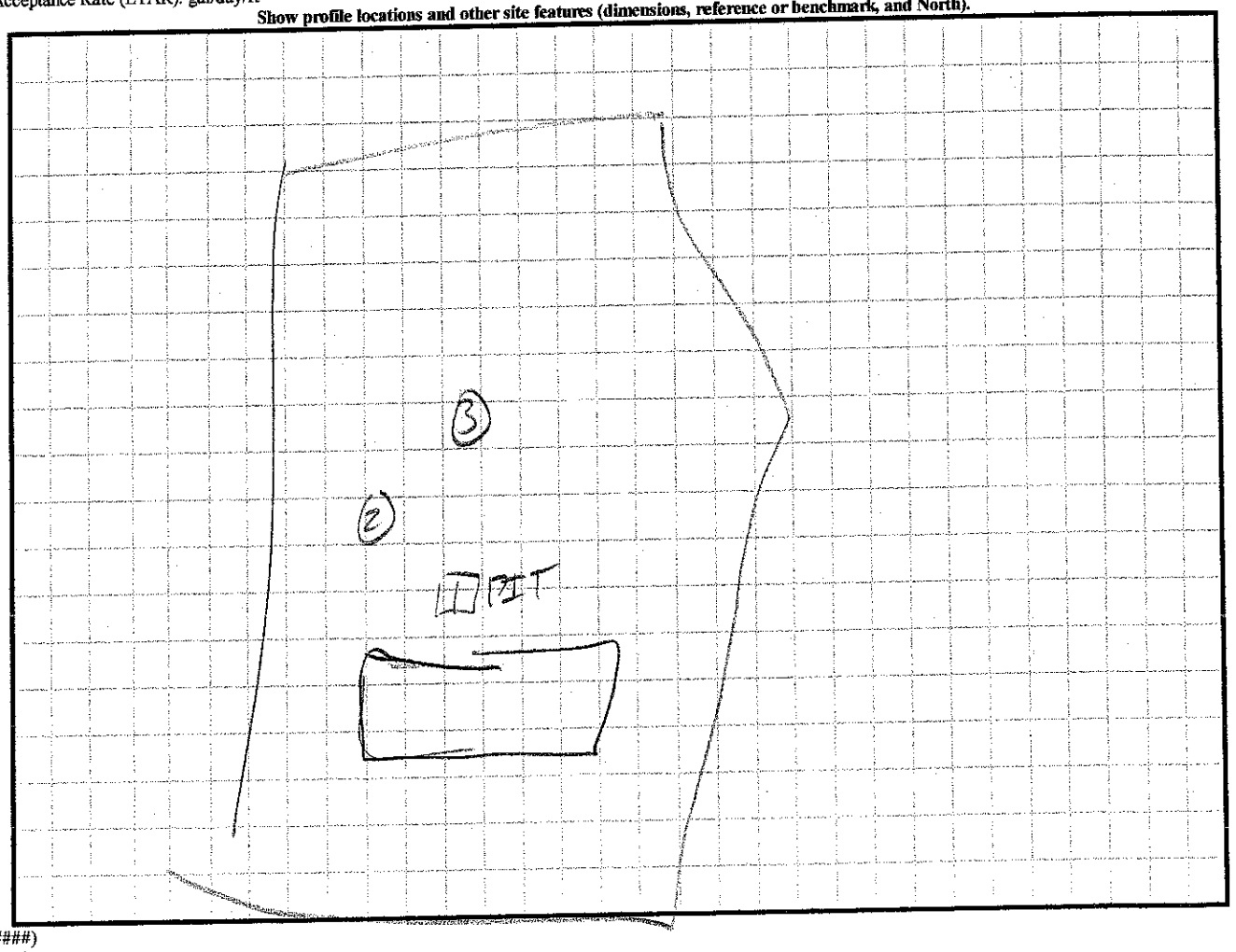
NOTES

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 (#####)