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

Pin# 4747-52-0591

OWNER: Gene Yount APPLICANT: Gene Yount
ADDRESS: 225 Pope Farm Rd Statesville APPLICATION DATE: 5/6/03 DATE EVALUATED: 6/5/03
PROPOSED FACILITY: 3BR m/conv PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 1.86 Ac
LOCATION OF SITE: ____ PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

Gray Stone Meadows = Lot #1

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	5% Linear	0-12	Sc/scl wsbk	fr ss ns sp SE/P					PS .25
		12-24	cl/scl/sap w sbk	fr ss sp SE/P					
		24-48	scl/sap mica wsbk	fr ss sp SE/P					
		48-49	Sap (Sc)						
2	Linear	0-11	sc/scl	fr/fi ss ns sp SE/P					US
		11-29	cl few mica wsbk	fi ss sp SE/P					
		29	Rock						
3	5% Linear	0-6	Sc wsbk	fr ss ns sp SE/P Black 6/46					PS .25
		6-16	cl Absk	fi sp SE/P	mottles				
		16-20	cl clbk	fr ss sp SE/P					
		20-46	Lem/sap wsbk	fr ss ns sp SE/P					
		46-49	Sap		French Drain				
4	5% Linear	0-4	Sc wsbk	fr ss ns sp NE/P					PS .25
		4-14	cl sbk	fr ss sp SE/P					
		14-30	cl Absk	fi sp SE/P					
		30-45	cl/sap mica wsbk	fr ss sp SE/P					
		45-49	Sap						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Trench Conv	Trench Conv.
Site LTAR	.25	.25

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT: Gene Yount

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).

