4851-13-8837

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

Sheet 2 of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: PRICE
ADDRESS: ___
PROPOSED FACILITY: 2 BR
PROPOSED DESIGN FLOW (.1949): 240
LOCATION OF SITE: ___
APPLICATION DATE 11/9/04
DATE EVALUATED: 12/20/04
PROPERTY SIZE: ___
PROPERTY RECORDED: ___

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) 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	L	0-5	WK SBK CL	VFR S/SP SEXP	—	20"	—	—	UN N/A
		5-12	MO SBK C	FR S/P SEXP					
		12-20	MO SBK C-VAP	VFR S/SP SEXP					
		20+	SL MA Cr	—					
2	L	0-4	WK SBK CL	VFR SS/SP SEXP	—	36"	—	—	PS 0.3
		4-26	MO SBK C	FR S/P SEXP					
		26-36	MO SBK C-VAP	VFR S/SP SEXP					
		36+	SL MA-SAP	—					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	CON + 1 UTILITY	CONV + UTILITY 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): PSS NO
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: CS
OTHER(S) PRESENT: TONY 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)	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.

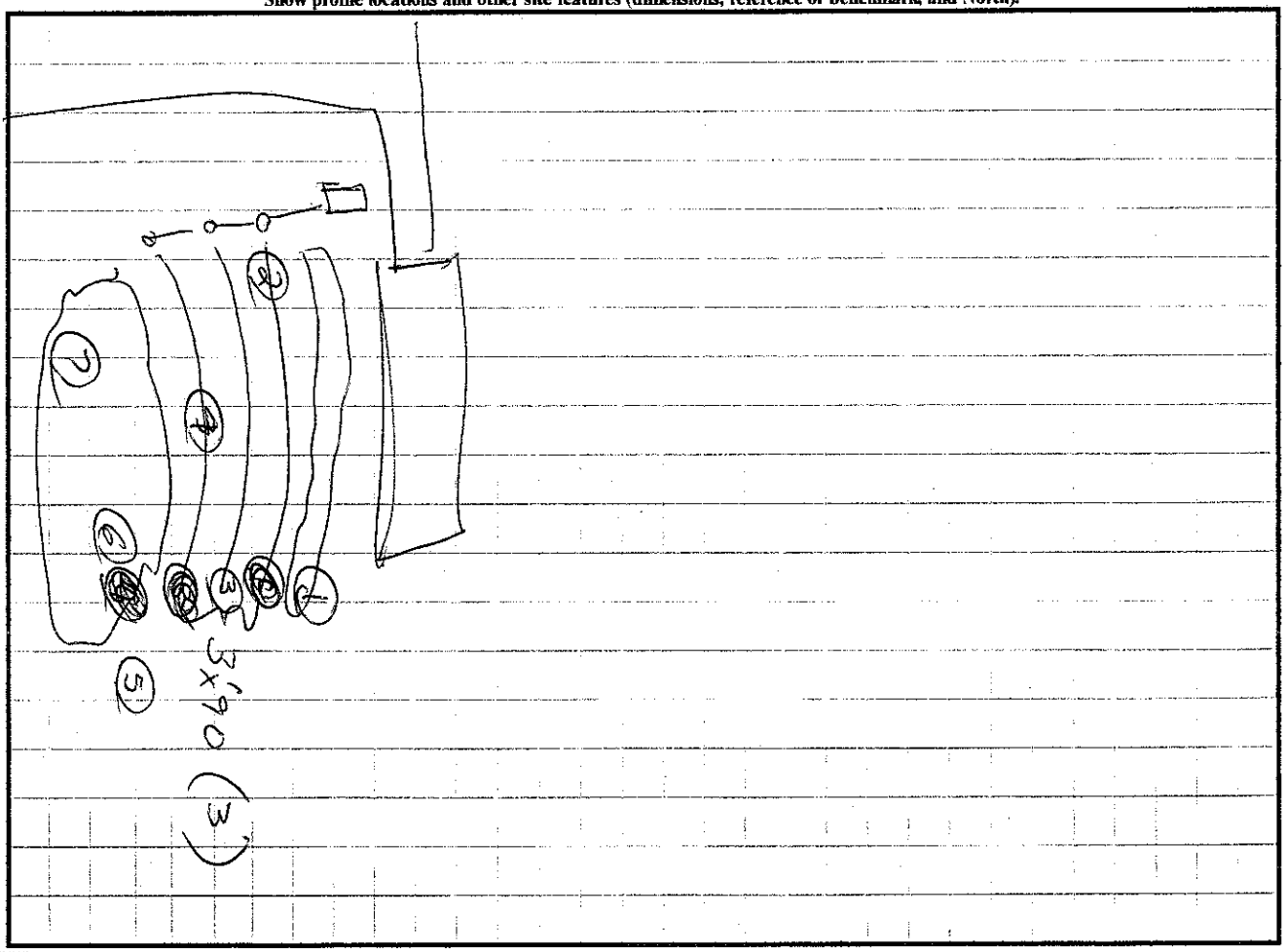
NOTES

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 (#####)

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

4851- 13-8837

Sheet 1 of ___
PROPERTY ID #: ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: TONY PRICE — APPLICATION DATE 11-9-04
ADDRESS: 343 SLOANS MILL RD OLIN NC 28660 — DATE EVALUATED: 12-20-04
PROPOSED FACILITY: 2BR — PROPOSED DESIGN FLOW (.1949): 240 — PROPERTY SIZE: ___
LOCATION OF SITE: I-77N TL TOMLIN MILL RD TR JENNINGS — PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other TR 2ND OLIN RD. TL SLOANS MILL IMI ONLY
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L	0-2	WK SBK SL	VFR SS/SP SEXP	—	30"	—	—	PS
		2-12	MO SBK C	FR S/P SEXP					
		12-30	MO SBK C+J/P	VFR S/SP SEXP					0.3
		30+	SL MA Cr	—					
2	L	0-5	WK SBK CL	VFR SS/SP SEXP	—	>48"	—	—	PS
		5-32	MO SBK C	FR S/P SEXP					
		32-48	MO SBK C+J/P	VFR S/SP SEXP					0.3
3	L	0-3	WK SBK CL	VFR SS/SP SEXP	—	36"	—	—	PS
		3-12	MO SBK C	FR S/P SEXP					
		12-36	MO SBK C+J/P	VFR S/SP SEXP					0.3
		36+	SL MA Cr	—					
4	L	0-3	WK SBK CL	VFR SS/SP SEXP	—	36"	—	—	PS
		3-14	MO SBK C	FR S/P SEXP					
		14-36	MO SBK C+J/P	VFR S/SP SEXP					0.3
		36+	SL MA Cr	—					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: ___
OTHER(S) PRESENT: ___

COMMENTS: ___

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