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

Sheet ___ of ___
PROPERTY ID #: 152344
COUNTY: 47 30 34 61 46

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Stacy McClamrock APPLICATION DATE: 8-21-08
ADDRESS: 137 Mossy Fill Lane Dayton NC 27836 DATE EVALUATED: 9-11-08
PROPOSED FACILITY: 4 BR Res PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 3.17
LOCATION OF SITE: 172 Haugustic Rd 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	6% 2	0-6	SL wkgr	f osapnsp	sap inclusion 24-48"	48"	< SAP		PS .3
		6-36	CL wk sbk	f ssp ssp					
		36-48	C wk sbk	f ssp ssp					
2	6% 2	0-6	SCL wkgr	f nsapnsp		48"			PS .3
		6-24	CL wk sbk	f ssp ssp					
		24-36	C mo sbk	f sp ssp					
		36-48	C wk sbk	f sp ssp					
3	6% 2	0-6	SCL wkgr	f osapnsp		48"			PS .3
		6-30	C mo sbk	f ss ss					
		30-48	C wk sbk	f ssp ssp					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	Conv Cv	SAME
Site LTAR	.3	.3

OTHER FACTORS (.1946): PC
SITE CLASSIFICATION (.1948):
EVALUATED BY: L. COOK
OTHER(S) PRESENT: OWNERS

COMMENTS:
36" TO DUE TO ROOTS & ROCKS

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTU
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	SCL (Sandy Clay Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiL (Silt Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SiCL (Silty Clay Loam)			MOIST	WET
S (Shoulder Slope)		Si (Silt)				
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		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)

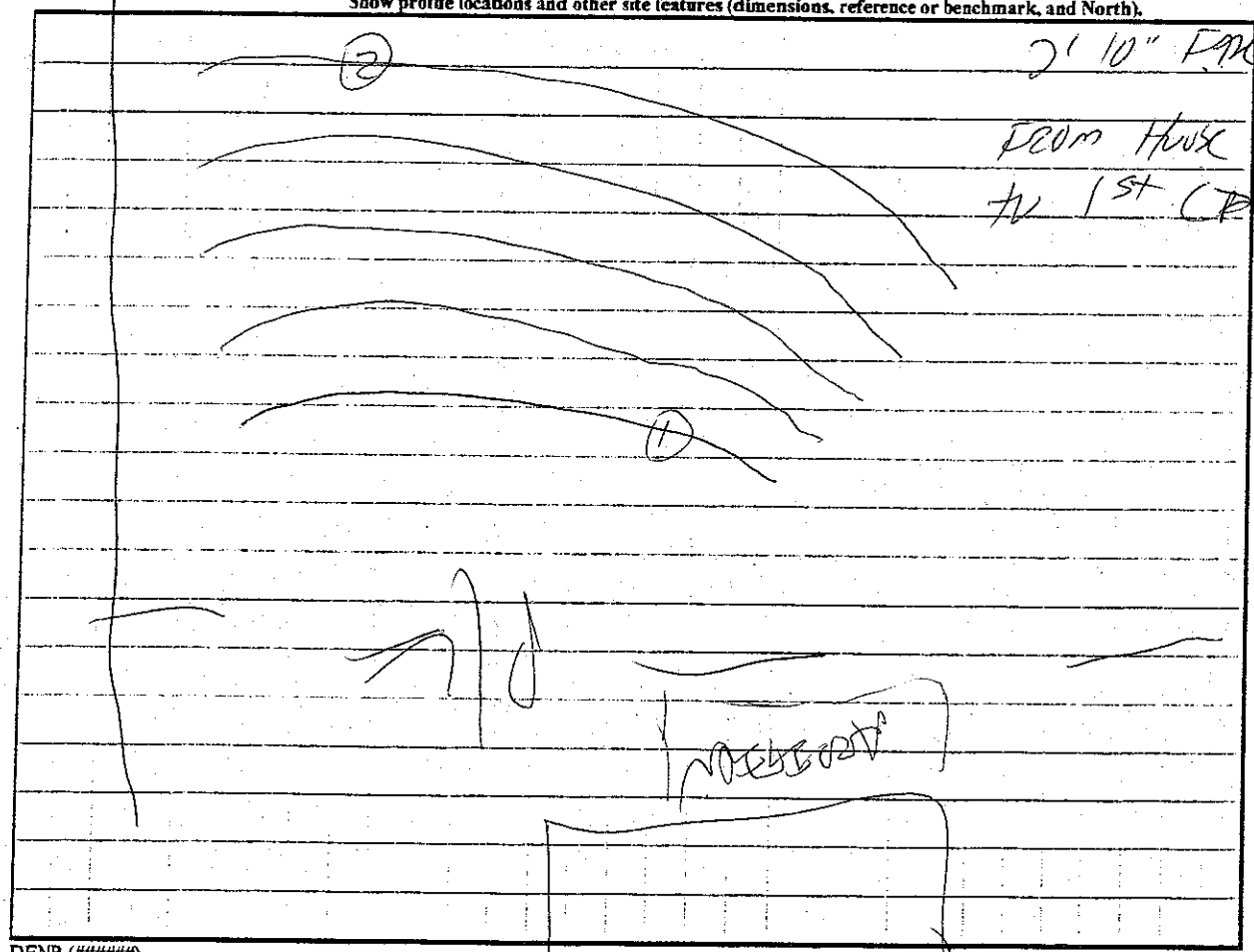
SOIL WETNESS — Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

CLASSIFICATION — S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

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



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

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Michael Engels
APPLICATION DATE
ADDRESS:
DATE EVALUATED: 06/23/06
PROPOSED FACILITY: 3 BR SFD PROPOSED DESIGN FLOW (.1949): 360 GPD
PROPERTY SIZE: 2.6+ Acres
LOCATION OF SITE: ON RIGHT OFF HONEYCUTT RD,
PROPERTY RECORDED:
WATER SUPPLY: [X] Private [ ] Public [X] 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) .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 4%	0-5	Gr, SCL	Fr, SS, NP	N/A	>48"	N/A	>48"	PS 0.25
		5-21	Mo, M, Abk, C	Fr/Fi, SS, SP, SEXP					
		21-48	C w/ SAP Inclus. (<50% SAP)						
2	L 5%	0-4	Gr, SCL	Fr, SS, NP	N/A	42"	N/A (Need PITs)	>48"	PS 0.25
		4-23	Mo, M, Abk, C	Fr/Fi, SS, SP, SEXP					
		23-42	C w/ SAP Inclus. (<50% SAP)						
		42-48	C + SAP MIX (≥50% SAP)						
3	L 5%	0-3	Gr, SCL	Fr, SS, NP	N/A	40"	N/A (Need PITs)	>48"	PS 0.25
		3-19	Mo, M, Abk, C	Fr/Fi, SS, SP, SEXP					
		19-40	C w/ SAP Inclus. (<50% SAP)						
		40-48	C + SAP MIX (≥50% SAP)						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1080 FT²	1080 FT²
System Type(s)	25% Redu, Gravel	25% Redu, Gravel
Site LTAR	0.25	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: B M Hazlell
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

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CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
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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)
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*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

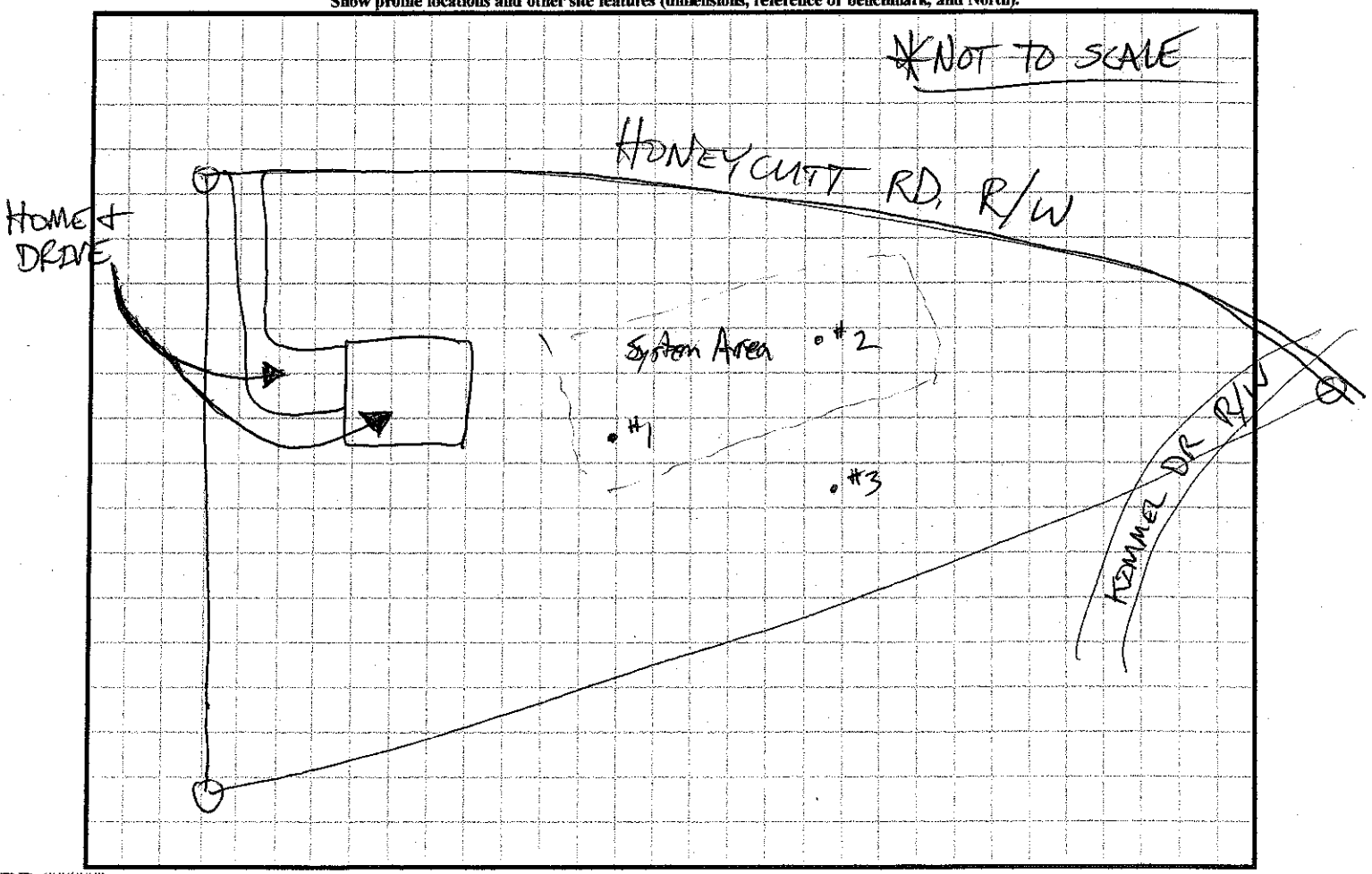
NOTES

HORIZON DEPTH	In inches below natural soil surface
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CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

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



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