DENR/DEH

ON-SITE WASTEWATER SECTION

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

PARCEL #4703-48-2635 Permit # 15744720

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Gary # Gary (Cell Phone)

OWNER: ANN G. Gettys (704) 578-1116 APPLICATION DATE 7-10-09
ADDRESS: 186 Hunting Ford Lane Statesville, NC 28677 DATE EVALUATED: 7-14-09
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: 0.5 AC
LOCATION OF SITE: Hwy 140 W TL Old Mtn Rd TR Bethany Ch. PROPERTY RECORDED: ___
WATER SUPPLY: • Private • X Public • Well • Spring • Other (125' X 200') Lot Hunting Ford Lane
EVALUATION METHOD: √ 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	Linear 10% Side Slope	0-6"	SL GR	FRI SS SP	7.5 YR Clay	32"	GRP 2 L		US
		6-30	SC WK SAB	FI SP SE XP					
		30-32	CL/C INC	FI SP SE P					
		32-48	SAP/M	FRI SE AP SS SP					
2	Linear 10% Side Slope	0-6	SL GR	FRI SE KP SS SP	7.5 YR Clay	40"	GRP 2 L		PS
		6-32	C WK SAB	FI SE P SP					
		32-40	CL/C WK SAB INC	FI SE XP SP					
		40-48	SAP/M	FRI SE AP SS SP					
3	Linear 10% Side Slope	0-4"	SL GR	FRI SE KP SS SP	7.5 YR Clay	36"	GRP 2 L		PS
		4-32	C WK SAB	FI SE P SP					
		32-36	SL/CL WK SAB INC	FI SE P SP					
		36-48	SAP/M	FRI SE AP SS SP					
4	Linear 10% Side Slope	0-6	SL GR	FRI SE KP SS SP	7.5 YR Clay	15"			
		6-15	C WK SAB	FI SE P SP					
		Unable to Auger Hit Quartz Rock							

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): US
EVALUATED BY: Fred Clemmey
OTHER(S) PRESENT: MR 4 Mos Gettys

COMMENTS: WANTS TO CUT OFF (125' X 200' Lot)

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.

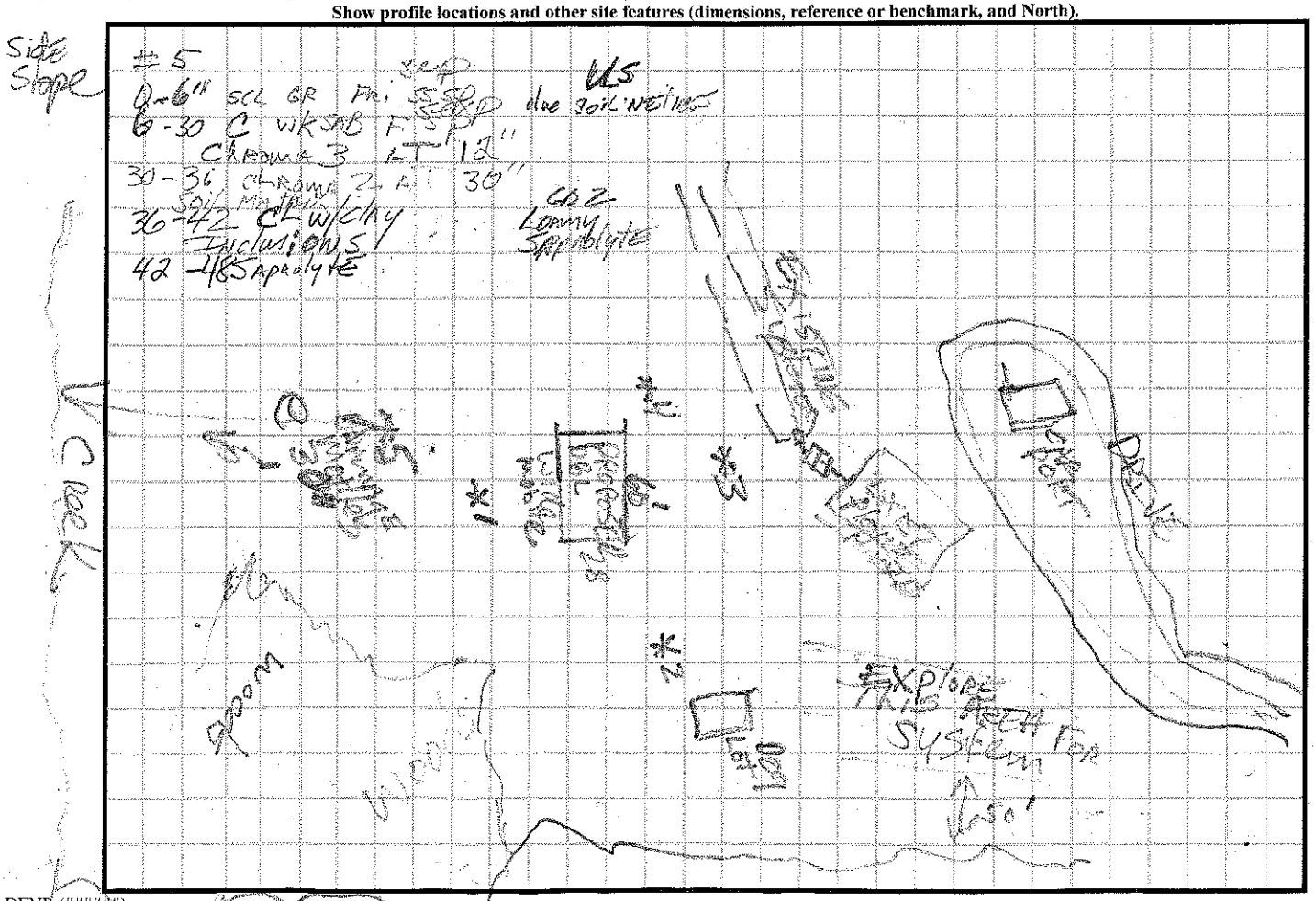
NOTES

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 (######)

FIN 4703-48-2635

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

Permit # 15744720

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

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: ANN + GARY GERRS APPLICATION DATE: /
ADDRESS: 186 Heaven Bound Lane DATE EVALUATED: 7-16-07
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: 0.65 AC.
LOCATION OF SITE: 186 Heaven Bound Lane PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other Lot 15B
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	6-10% Linear	0-6"	SL GR	FRi SS SP	2.5YR 6/6 Yellowish Mottles 29"	42"			0.3 PS
		6-30	C WK SAB	Fi SS SP					
		30-42	CL WK SAB	FRi SS SP					
			Hit Quartz Rock						
			Unable to Auger						
2	6-10 Linear	0-6	SL GR	Fri SS SP	2.5YR CL	48"			0.3 PS
		6-15	C WK SAB	Fi SS SP					
		15-48	CL WK SAB	Fi SS SP					
			Hit Scattered						
			Quartz Rock 40"						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	Conv. Trench	Conv. Trench
Site LTAR	0.30 gpd/ft	0.30 gpd/ft

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Fred Kemmer / Steve Hellard
OTHER(S) PRESENT: _____

COMMENTS: Keep Initial System - No drop box. Low 24" - trench bottom

LEGEND

use the following standard abbreviations

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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)
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		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
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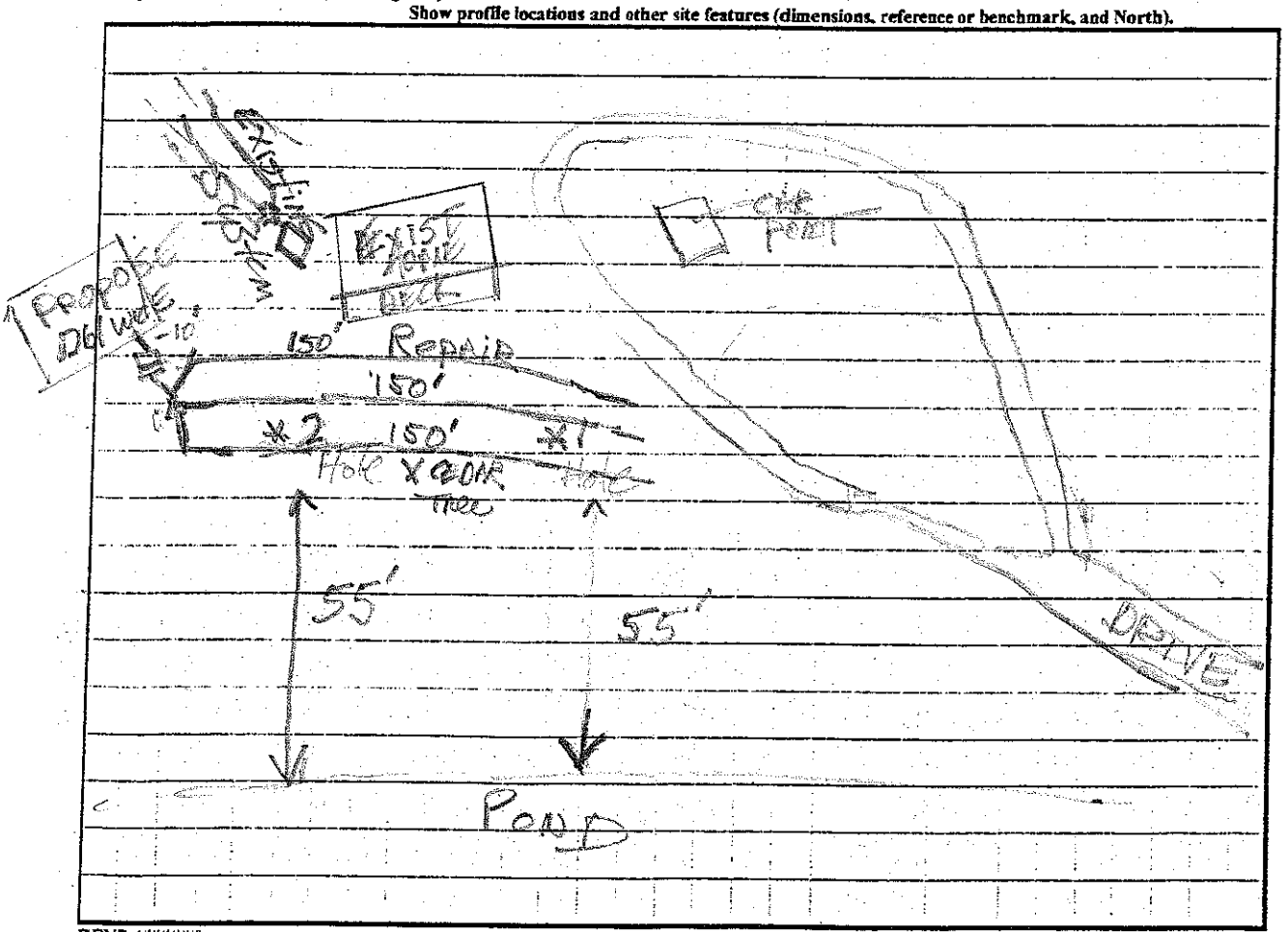
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DENR (######)

Review (#####)