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

Sheet 2 of 2
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: David Ritchie APPLICANT: David Ritchie
ADDRESS: 227 Locklear Circle Fayetteville APPLICATION DATE: DATE EVALUATED: 11/8/04
PROPOSED FACILITY: 4BR w/ Basement PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 0.48 Ac
LOCATION OF SITE: Plumbers PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed
Allison Acres Lot #12

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	Linear	0-15	l/sl gr	vfr NS NP N/Exp					PS
		15-24	scl wbk	fr SS sp SE N					.25
		24-36	c/cl Abk	fi S p SE Exp	28" 40"				
		36-42	c w/sap sbk	fi S sp SE Exp	Red/Yellow Mottles				
2	Linear	0-4	l gr	vfr NS NP N/Exp					PS
		4-10	scl wbk	fr SS sp SE Exp					.25
		10-32	c Abk	fi S p SE Exp	11-26" LtBrn mottles				
		32-64	Sap - l/cl Weathered Inclusions	fr SO NP SE Exp					
3									
4									

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT: James Hussey, David Ritchie

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)

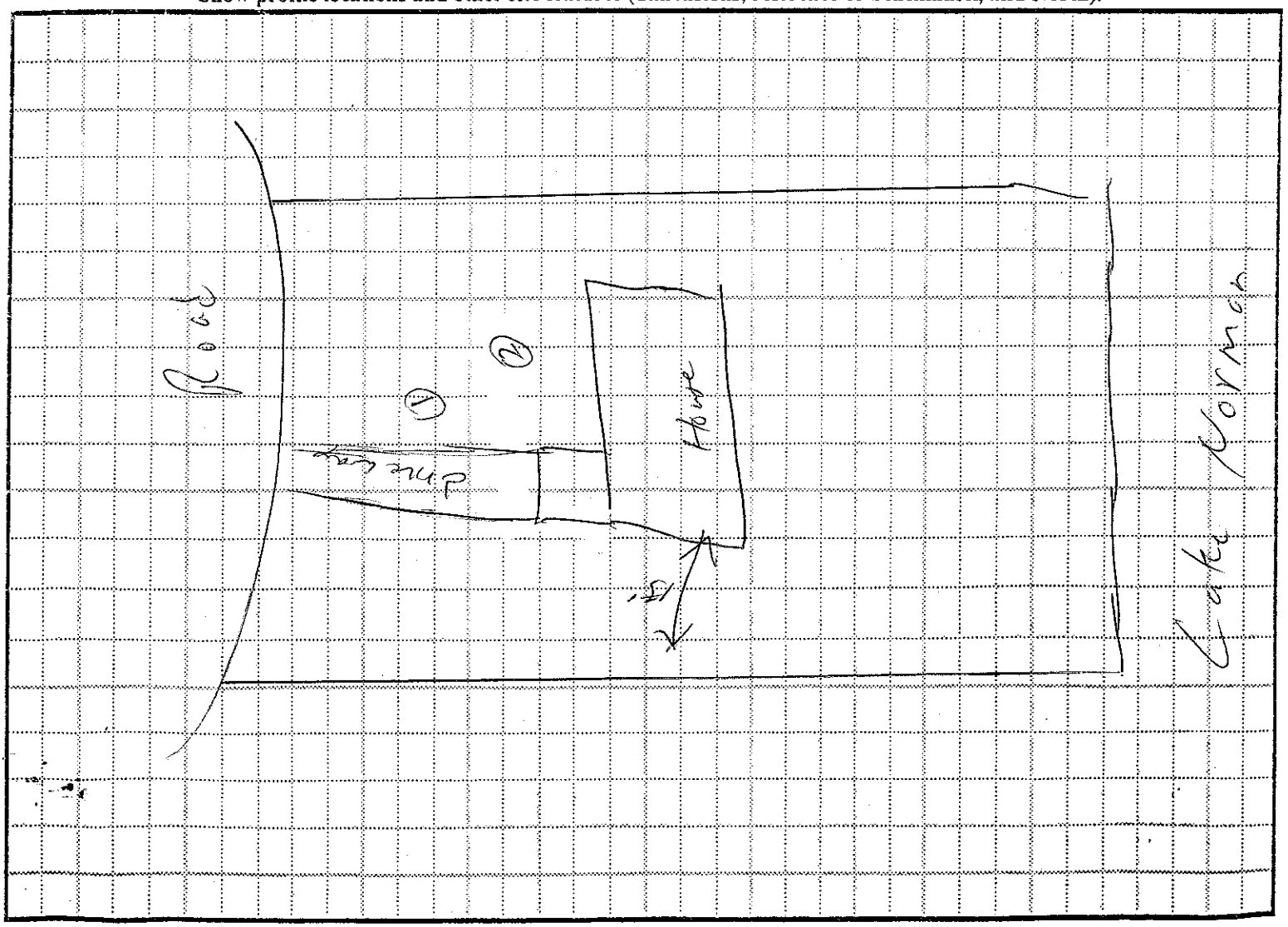
NOTES

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).



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

Sheet 1 of 2
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: David & Ritchie Lockhart APPLICANT: David Ritchie
ADDRESS: APPLICATION DATE: DATE EVALUATED: 4/4/04
PROPOSED FACILITY: 4BR W/ Pool PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE:
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

Allison Acres Lot #12

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1	Linear 18%	0-12	scl		8" LtBRN mottles	trees @ 48			
		12-16	cl	sf & stk					
		16-21	cl w/ +micac sap	ss sp stk					
		21-40	sap						
2	Linear 18%	0-20	l/scl g	NS NP MEXP	9" YBRN/BRN/ Blockmottling to 42"				PS
		20-27	scl	fr ss sp stk					-30
		27-42	scl w/ sap wet	fr ss sp stk					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
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System Type(s)		
Site LTAR		

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