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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jerry Price
ADDRESS: 238 Langhorne 27617
PROPOSED FACILITY: 3BR House
LOCATION OF SITE: Eufola Farms lot
APPLICATION DATE: 9-26-07
DATE EVALUATED: 10-24-07
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 2.157
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	P/T 15" in 10'	0-6	sl wk gr	f nsp nap		58"			PS 1.3
		6-32	cmd sbk	f sp sap					
		32-50	cl wk sbk	f sss p sap					
		50-72	lomy sp wk gr	f nsp nap					
2	P/T 15" in 10'	0-6	sl wk gr	f nsp nap					PS 1.3
		6-24	cmd sbk/add f sp sap						
		24-30	cl wk sbk	f sss p sap					
		30-55'	cl wk sbk	f sss p s ap	sp inclusions <50%				
3	P/T	0-6	sl wk gr	f nsp nap	Auger PIT				PS 1.3
		6-36	cmd sbk	f sp sap	sp inclusions <50% & cl inclusions				
		36-52	sl wk gr	f sss p s ap					
		52-82	cl wk sbk	f sss p s ap					
			LT lt gy + brwn		still mod structure & cl inclusions				
4	P/T	0-10	sl wk gr	f nsp nap	Auger PIT				PS 1.3
		10-32	cmd sbk	f sp sap					
		32-48	cl wk sbk	f sss p s ap	sp inclusions <50%				
		48-72	lomy sp	wk gr f nsp nap					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	Conv 25	Conv/Rep 25%
Site LTAR	1.3	1.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. Cook
OTHER(S) PRESENT: J. Price

COMMENTS: Auger on Bank

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.

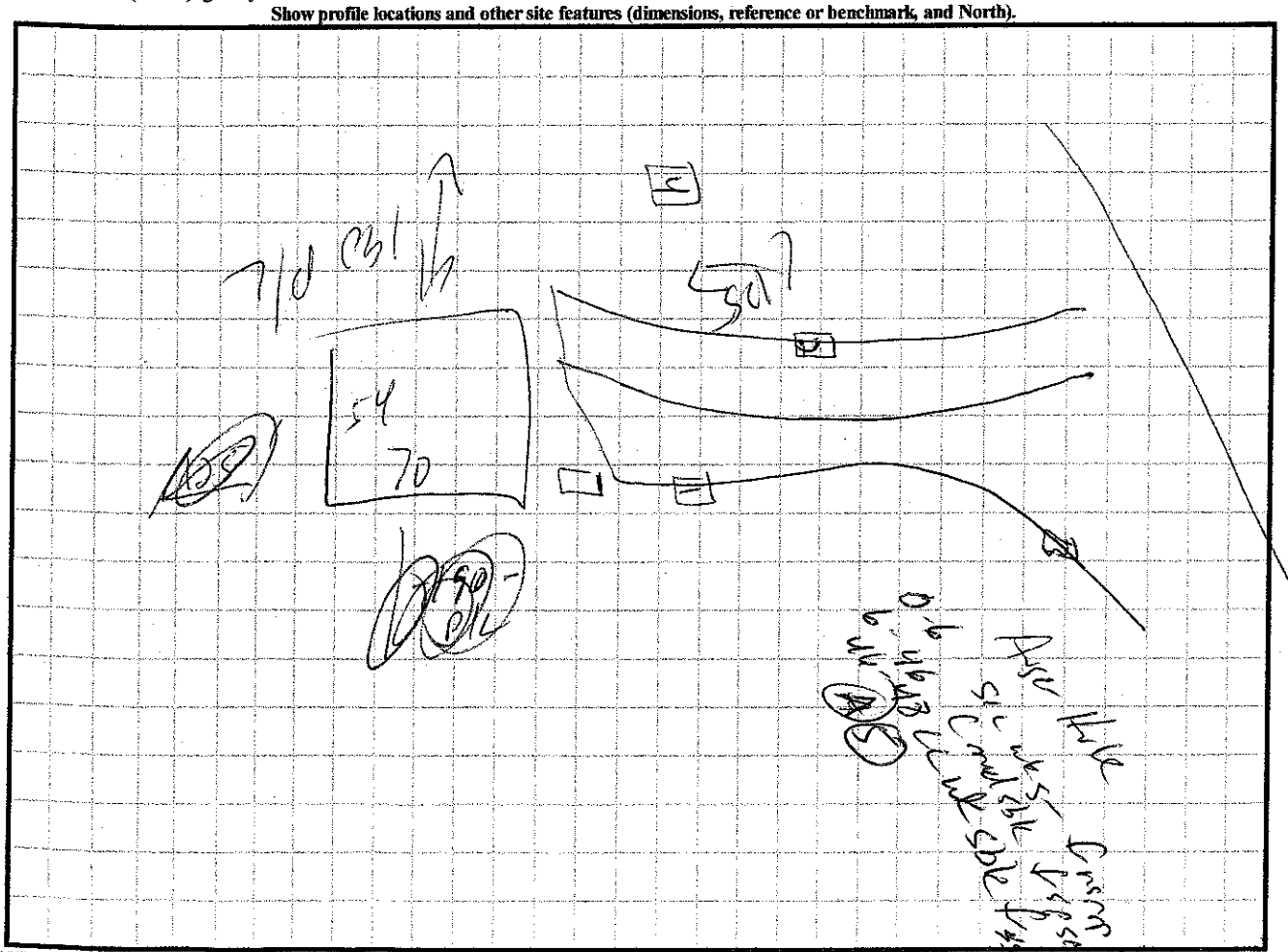
NOTES

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 (#####)

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Sheet ____ of ____
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COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 10-22-02
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Indian Farms II PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
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1		0-30"	expansive clay	Sp exp					US
		30-48	clay ribbon	> 3"					
2		0-48	expansive clay	loam matrix					US
3	12"	0-18	clay mottled						US
		18-48	clay w/ rock fragments		mod 30"-48"				
4		0-3	sl clay	Common					US
		3-36	Cl sl clay	fr sp exp					
		36-48	Cl sl clay	fr sp exp	Sp mod 18-30				
						24-48		< 50%	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
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Site LTAR		

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SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. Cecil
OTHER(S) PRESENT: J. Price

COMMENTS: _____

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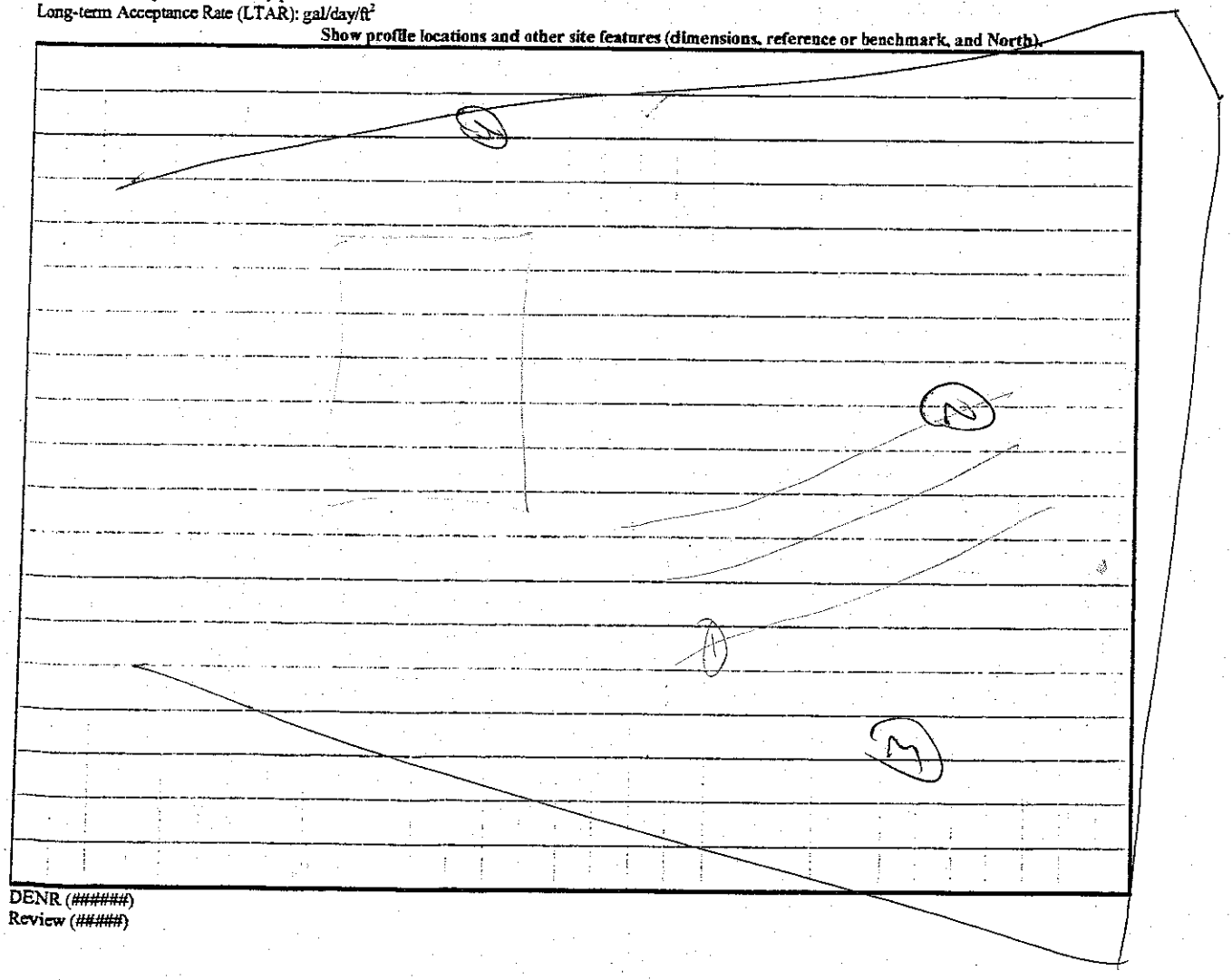
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