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

4789-08-8564

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Ire

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Paul & Geraldine Lambert
APPLICANT: Paul & Geraldine Lambert
ADDRESS: 106 Paul Jr. Ln. Hamrey 28634 APPLICATION DATE: 12/8/03 DATE EVALUATED: 1/12/04
PROPOSED FACILITY: 2br PROPOSED DESIGN FLOW (.1949): 240 gpd PROPERTY SIZE: .505
LOCATION OF SITE: US 21 N (R) NC 901 (R) Cranfill (L) Paul Jr. at end 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
1	N 10%	0-2	WK SBK SCL	VFR SS/SP SEXP	20% mica ↓	>48	—	—	PS .3
		2-12	MO SBK C	FR S/P SEXP					
		12-48	MO SBK C+SAP	VFR S/P SEXP					
2	N 10%	0-2	WK SBK SCL	VFR SS/SP SEXP	20% mica ↓	36	N/E	—	PS .3
		2-12	MO SBK C	FR S/P SEXP					
		12-36	MO SBK C+SAP	VFR S/P SEXP					
		36+	SL M SAP	—					
3	N 10%	0-3	WK SBK SCL	VFR SS/SP SEXP	—	41	N/E	—	PS .3
		3-10	MO SBK C	FR S/P SEXP					
		10-41	MO SBK C+SAP	VFR S/P SEXP					
		41+	SL M SAP						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Con Grav	Con Grav
Site LTAR	.3 gpd/ft²	.3 gpd/ft²

OTHER FACTORS (.1946): all soil profiles have 20% mica in Bt
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Chris Stenill
OTHER(S) PRESENT:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None			

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).

