DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

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PROPERTY ID #:	T DEGRE
COUNTY: _	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full) DATE EVALUATED: OWNER: ADDRESS: PROPOSED DESIGN FLOW (.0400): 나성이 PROPERTY SIZE: 43000 PROPOSED FACILITY: PROPERTY RECORDED: LOCATION OF SITE: WATER SUPPLY SETBACK: Single Family Well Shared Well Spring Other WATER SUPPLY: Public Domestie High Strength **IPWW** EVALUATION METHOD: Auger Boring TYPE OF WASTEWATER: Cut R OTHER PROFILE FACTORS SOIL MORPHOLOGY 0 F I .0503 .0509 L .0504 .0502 E .0507 PROFILE SLOPE .0505 .0506 SOIL .0503 LANDSCAPE HORIZON .0503 CORRE CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CLASS STRUCTURE/ DEPTH POSITION/ # CTION & LTAR* HORIZ MINERALOGY COLOR DEPTH CLASS TEXTURE **SLOPE %** (IN.) 0-2 65L NEW NEW LS 1012 A S/Se 3.26 33% C 0.2 7120 1 G 52 12.26 1070 S8KC 7)20 3 4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	CC5		SITE CLASSIFICATION (.0509): EVALUATED BY: O
System Type(s)	2000	501	
Site LTAR	\$1801		OTHER(S) PRESENT:
Maximum Trench Depth			
Comments: En 610	MEERED From	~ CODUCTION	2.4

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	11	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)	2	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	ш	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay Ioam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

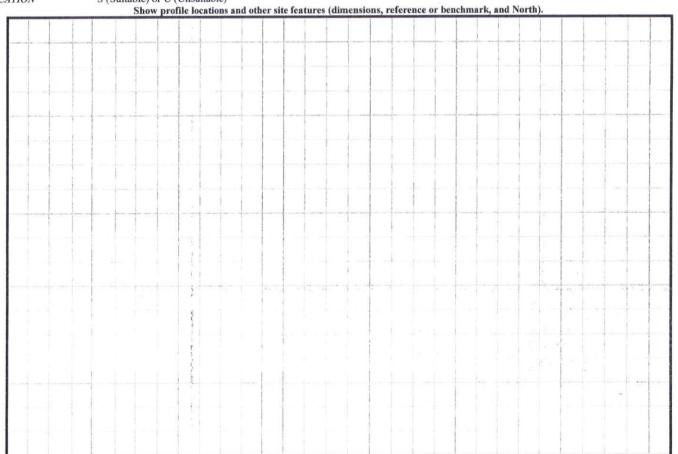
DEPTH OF FILL RESTRICTIVE HORIZON In inches from land surface Thickness and depth from land surface

SAPROLITE

SOIL WETNESS CLASSIFICATION S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

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

S (Suitable) or U (Unsuitable)



^{**}Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

**HORIZON DEPTH*

In inches below natural soil surface