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

	Page 1 of
PROPERTY ID #:	
COUNTY	

OWNE ADDR	er: Vew	Home I	Tic	ALUATION for ON (Complete all 1	fields in full)	WATER SY		E EVALU	ATED: /-	17-24
PROPO	OSED FACILITY	5 DUNCA : 40' x 70		OPOSED DESIGN I	FLOW (.0400):	480 61		ERTY SIZ		
	TION OF SITE: _ R SUPPLY:	Public Sin	gle Family Well	Shared Well	Spring Oth	er		RTY REC	ORDED: SETBACK:	
	UATION METHO		er Boring Pit		PE OF WASTE		Domest		Strength	IPWW
P R O F I			SOIL MORPHOLOGY		OTHER PROFIL					
L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1	L 2-5%	26.4g	LS Sei	Fr/NSP/NAP Fi/SSP/SKP	104R6/1 > 36"	>u8"	_	_	5	
		0-74	LS	fdunt re						
2	2-5%	0-34 34-48	ScI	Filsiplsxt	>48"	>48*			5.5	
3	2.5%	26-48 0-56	LS SCI	Filssplaxe Filssplaxe	>48"	>48"		(	5.5	
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	C
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s) Purp	25% ( rd	25% 00	EVALUATED BY: MR REH
Site LTAR	. 5	- 5	OTHER(S) PRESENT: A. W
Maximum Trench Depth	24"	24"	
Comments:	•	•	

## **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)	1	S (Sand)	0.8 - 1.2	0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7	0.4 -0.6	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)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	CL (Clay loam)	0.3 - 0.6			EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)		None			VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)		8 .	1	SEXP (Slightly	expansive)	
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)						-
		O (Organic)	None					

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

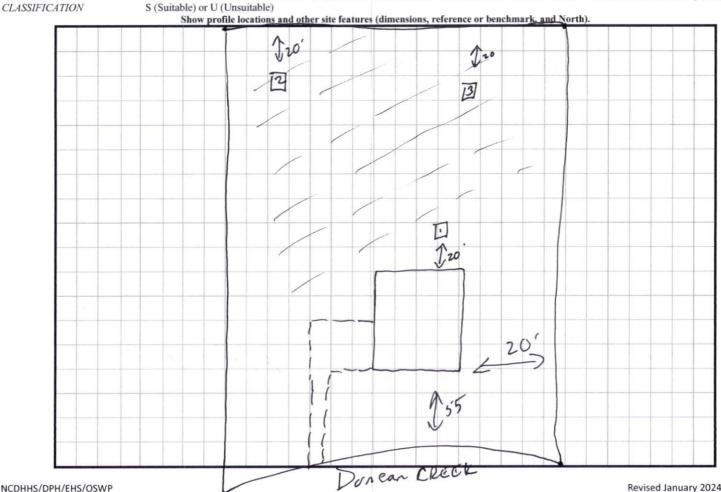
SAPROLITE

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

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

S (Suitable) or U (Unsuitable)



NCDHHS/DPH/EHS/OSWP

Revised January 2024 Form SSE-24.1

<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.