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

	Page _1_ of
PROPERTY ID #:	
COUNTY:	

		SOIL/SI	TE EVALU	JATION for ON-SITE WASTEWATER SYST	EM	
	(' /	x / //		(Complete all fields in full)		
OWNER: _	SMITH	Douglas Ho.	nes		DATE EVALUATED:	
ADDRESS:		342 (1am	Dr			
PROPOSED	FACILITY:	SFD	PROPO	OSED DESIGN FLOW (.0400): 360 GPD	PROPERTY SIZE:	
LOCATION	OF SITE:	Jane		22 00 000000000000000000000000000000000	PROPERTY RECORDED:	

WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: _____

	UATION METH		r Boring Pit		PE OF WASTE	WATER:	Domesti	c High	Strength	PWW
P R O F			SOIL MO	RPHOLOGY	OTHER PROFILE FACTORS					
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	PiT L 2-5%	0-12	SCI	Filssplaxe	10427/2 236"	>52	_		5-4	
	0	0-11	45	Flispluse	10427/2				5	
2	P15 2-5%	11-50	ScI	V1/55p/5*+	10427/2 ≥38"	>50	,	1	.4	
3										
4						,				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY: MR PEH
Site LTAR	.4	.4/	OTHER(S) PRESENT:
Maximum Trench Depth	24"	24"	

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)		0.6 - 0.8		MOIST	WET	SG (Single grain)		
CV (Convex Slope)	'	LS (Loamy sand)	0.8 - 1.2	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)	0.0	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)		
FS (Foot slope)	III	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**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)		
L (Linear Slope)		CL (Clay loam)	0.3 - 0.6		0	0.15 - 0.3	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)						SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Exp	ansive)	¥		
TS (Toe Slope)	1	C (Clay)								
		O (Organic)	None							

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface

RESTRICTIVE HORIZON SAPROLITE

Thickness and depth from land surface

SOIL WETNESS

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

CLASSIFICATION

S (Suitable) or U (Unsuitable) Show profile locations and other site features (dimensions, reference or benchmark, and North). 1 a U 291

NCDHHS/DPH/EHS/OSWP

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Revised January 2024 Form SSE-24.1

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

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