	P	age 1 of	
PROPERTY ID #:	SFD	2502-006	2
COUNTY:	Had	nett	

## SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full) OWNER: DLB HOMES DATE EVALUATED: ADDRESS: 253 Alden Way PROPOSED DESIGN FLOW (.0400): 480 PROPOSED FACILITY: SFD PROPERTY SIZE: LOCATION OF SITE: PROPERTY RECORDED: \_ Other WATER SUPPLY: Public Single Family Well WATER SUPPLY SETBACK: Shared Well Spring EVALUATION METHOD: Auger Boring TYPE OF WASTEWATER: Domestic High Strength **IPWW** Pit Cut R SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 F I L .0504 .0509 .0503 .0502 E LANDSCAPE HORIZON PROFILE SLOPE .0503 .0503 SOIL .0505 .0506 .0507 POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CLASS CORRE **SLOPE %** TEXTURE MINERALOGY DEPTH HORIZ & LTAR\* (IN.) COLOR CLASS **CTION** 0.32 56/30 2% 48" 15 Fr, NS, NP, SE 37-48 SCL, 53K .4 2% 15 2% 0-18 51,91 fo,55, NP,5E 18-38 SCL SBK .35 7/2=381 CL, WKSLK 38-48 Must \* Was evaluated Londition During wet 4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	V .		SITE CLASSIFICATION (.0509): 5
System Type(s)	25% Res	50% Nes	EVALUATED BY: RL
Site LTAR	.4	. #	OTHER(S) PRESENT:
Maximum Trench Depth	18-28"	18-28	

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)	4	S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)		
CV (Convex Slope)	1	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)		(Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)		
FS (Foot slope)	III	SiL (Silt loam)		0.1 - 0.3	0.15 - 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	None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)		
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	1.0		
R (Ridge/summit)		Si (Silt)					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 (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

In inches below natural soil surface In inches from land surface

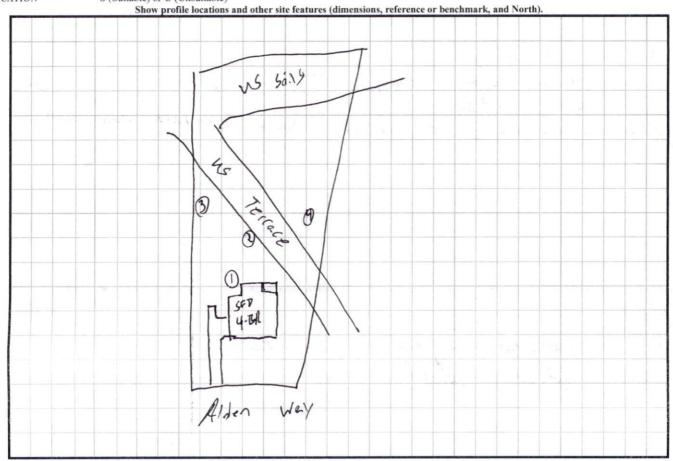
DEPTH OF FILL

Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

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

SOIL WETNESS CLASSIFICATION 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)



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