	Page _1	of	2
PROPERTY ID #: _			
COUNTY: _			

SOIL/SITE	EVAL	LUATION for	ON-SITE	WASTEWATER	SYSTEM
-----------	------	-------------	---------	------------	--------

OWNE	OWNER: Tim Bootwright (Complete all fields in full) ADDRESS: Doking Solomon (n (NC 27-24 W) PROPOSED FACILITY: Modular PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE:										
ADDR PROP(ESS: DSED FACILITY	50 U.	Aular PR	OPOSED DESIGN I	- 24 ω) FLOW (.0400):	360 GP	D PROP	ERTY SIZ	R:	_	
LOCA	TION OF SITE:	50	-ne			- 77	PROPE	ERTY REC	ORDED:		
	R SUPPLY:		gle Family Well		70 (70)	er			SETBACK:		
EVAL	TATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic) High	Strength	IPWW	
P R O F			SOIL MO	RPHOLOGY	ОТНЕ	R PROFIL	E FACTO	ORS			
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	
		0-4	45	F-/Mp/MP	10/10/6/2						
	1	4-40	SC		10-12-6/2 ~10"	>40"	_	-	U		
1	2-5%				_ 10						
		0-4	LS	Fr/usp/wel	10416/2	te			/ 1		
2	2-5%	4-40	SC	•	∠8"	>40	_		U		
_	2-56										
	/	0-4	15	Folisplane	10/10/6/2						
3	2-56	L1-C10	sc		~ 8'	>40	_	_	U		
3	2 34				_ "						
		0-24	23	Fr/NSP/NXP					5		
1	2-5%	24-48	sci	Filsiplaxa Filsiplaxa	10-126/2	>48	_	_	.5		
4	736			,	≥ 40						
-		A CHICAGO STATE OF STATE OF				105-014			-		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY: MAREHS
Site LTAR	. 5	.5	OTHER(S) PRESENT:
Maximum Trench Depth	26	2-6	
Comments:			

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)	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)	318984	L (Loam)	50000000	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 Ioam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	CL (Clay loam)	0.3 - 0.6		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 (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

^{*} 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)

CLASSIFICATION Show profile locations and other site features (dimensions, reference or benchmark, and North). 28' × 60' 3B-140 110

< King Solomon In ->

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

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: DATE OF EVALUATION: COUNTY:

Page Z of Z

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

Tim Boatwright
50 king Solomon (n

P R O F			SOIL MORPHOLOGY		OTHER PROFILE FACTORS					
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0506 SOIL DEPTH	.0507 SAPRO CLASS	.0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
		0-20	L)	FT/WSP/MP		v			5	
	/	20-48	Sri	Files Is D	>48"	>48"	_	_	5	
5	2-5%			" JUGISKI					. ,	
	216									
		0-74	LS	Feluralia					-	
	/	0-24	SCI	Elected &	>48"	0"	_	_	.5	
6	2-5%	24 90) ()	TIBSPIDET	790	>98			.,	
	2-) 6									
			37 							
									100	
0010	MENTS.		ELL HONORS CONTRACTOR			STATE OF THE PARTY OF THE	t per a Loyland			-

NCDHHS/DPH/EHS/OSWP