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

PROPERTY ID #: Page 1 of Property ID #: Bres 2402-0049

COUNTY: Har next

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full)

ER: HALL Bra	nd: El:Za	beth	(complete un 1	icids in full)		DAT	E EVALU	ATED: 4	-24-25
OSED FACILITY	SFD	PR	OPOSED DESIGN I	FLOW (.0400):	360				
	Public Sin	gle Family Well	Shared Well	Spring Oth	er				
									IPWW
		SOIL MORPHOLOGY		отнен	R PROFIL				
.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
1-2:X	0-13 13-28 28-48	SL 9' CL, 458K	F3,54,58,5E	7.5 yR 7/1 = 28"	48'			.25	
1-2%	. 1	,							
LS	9- 24 24- 48	BEL SEK	Fr, SS, NP, SE	7.54K 7/1 = 24"	484			.3	
1-2%	9-9 9-21 21-48	SCL, 30 SCL, 58K CL, 58K	Fr, SS, NP, SE	7.57K	48''	,		-3	
1-2% LS	0-6 6-22 22-48	SL, 3' Clay, SBK CL, ZEX	FI,55, NOSE	7.54k 7/1=22"	481'			.25	
	Deep Facility Tion of Site: ER SUPPLY: UATION METHO .0502 LANDSCAPE POSITION/ SLOPE % 1-2% L\$	DSED FACILITY: SFP TION OF SITE: ER SUPPLY: Public Sin UATION METHOD: Auge LANDSCAPE POSITION/ SLOPE % (IN.) 1-2 % Q-13 13-28 28-48 1-2 % Q-9 9-24 24-48 1-2 % Q-9 1-2 % Q-9	CTION OF SITE: CR SUPPLY: Public Single Family Well UATION METHOD: Auger Boxing Pit SOIL MO	ERS. HAII Brand: E1: Zabeth ESS: U W Black man Rd Dunn OSED FACILITY: SFP PROPOSED DESIGN I TION OF SITE: ER SUPPLY: Public Single Family Well Shared Well UATION METHOD: Auger Boxing Pit Cut TY SOIL MORPHOLOGY SOIL MORPHOLOGY SOIL MORPHOLOGY SOIL MORPHOLOGY 1-2:/ LS	EESS: 21 W BICK MAD Rd DUAD OSED FACILITY: SFP PROPOSED DESIGN FLOW (.0400): TION OF SITE: ER SUPPLY: Public Single Family Well Shared Well Spring Oth UATION METHOD: Auger Boxing Pit Cut TYPE OF WASTE SOIL MORPHOLOGY OTHER WETNESS/ COLOR 1-2// LS 2-43 CL "\$38/ 28-48 CL "\$38/ 28-48 CL "\$38/ 1-2// LS 29-24 SEL SEK Fr, SS, NP, SE 7.5YK 7/1 = 24/ 1-2// LS 21-48 CL "\$8K Fr, SS, NP, SE 7/ 21-21 SCL, \$8K Fr, SS, NP, SE 7/ 21-22 Clay, \$8K Fr, SS, NP, SE 7/ 21-22 Clay, \$8K Fr, SS, NP, SE 7/ 21-24 SCL, \$8K Fr, SS,	ER: HAIL Brand: E1: Za both EESS: 21 M Bluck man Rd, Dunn OSED FACILITY: SEP THON OF SITE: ER SUPPLY: Public Single Family Well Shared Well Spring Other UATION METHOD: Auger Boxing Pit Cut TYPE OF WASTEWATER: SOIL MORPHOLOGY OTHER PROFIL ANDSCAPE HORIZON DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL 1-2%	DATESS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 22 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4 , 0 m n ESSS: 21 W Black man R4	DATE EVALUERS: 21 M Black man Rd Dunn OSED FACILITY: 5FP PROPOSED DESIGN FLOW (.0400): 36 PROPERTY SIZI PRO	DATE EVALUATED: 4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	,		SITE CLASSIFICATION (.0509): 5
System Type(s)	25% R=A	20 d pc0	EVALUATED BY: LL
Site LTAR	. 25	. 25	OTHER(S) PRESENT:
Maximum Trench Depth	13-16"	121 13"	
Maximum Trench Depth Comments:	13-16"	12" 13"	

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)	į	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	Ш	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)	III	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 loam)		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)				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					

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface

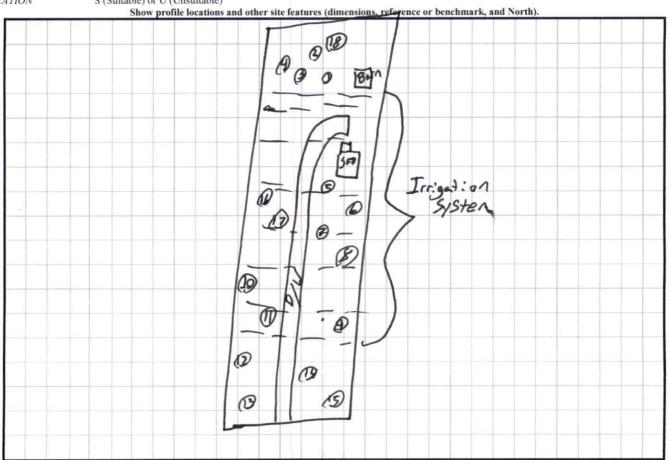
RESTRICTIVE HORIZON **SAPROLITE**

Thickness and depth from land surface 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

CLASSIFICATIONS (Suitable) or U (Unsuitable)



^{*} 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.