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/SITE EVALU	JATION for ON-SITE WASTEWATER SYSTEM
	7.		(Complete all fields in full)

OWNER: (210(1	CONSTIUCTION	(complete un notes in run)	DATE EVALUATED:
ADDRESS: /28	Coharia Dr	(SR 1253)	
PROPOSED FACILITY:	567	PROPOSED DESIGN FLOW (.0400): 360	PROPERTY SIZE:
LOCATION OF SITE:	Same		PROPERTY RECORDED:
WATER SUPPLY: Public	Single Family W	Vell Shared Well Spring Other	WATER SUPPLY SETBACK:

	VATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW									
P R O F I			The state of the s	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	2-5%	0-10	LS SCL		104R7/2 >38"	>48"			5	
2	2-5%	0-14	LS SCL		10 yr 7/2 238"	>48°			5	
3	2-5%	0-14	LS SCI		104R7/2 >38"	>48		-	5.4	
4								-		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)		_	SITE CLASSIFICATION (.0509):
System Type(s)	~		EVALUATED BY:
Site LTAR	. 4	. 4	OTHER(S) PRESENT:
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)		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)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	111	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)		CL (Clay loam)	0.3 - 0.6			EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)		None			P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)				SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)						_
		O (Organic)	None			1		

HORIZON DEPTH

DEPTH OF FILL

RESTRICTIVE HORIZON

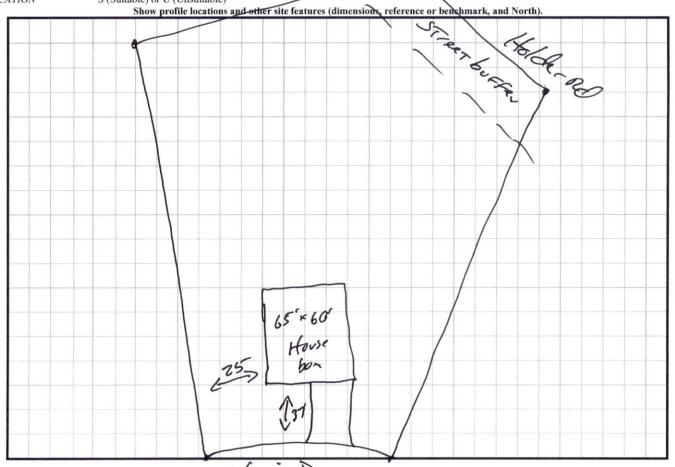
SAPROLITE SOIL WETNESS CLASSIFICATION In inches from land surface

Thickness and depth from land surface

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

S (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. In inches below natural soil surface