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

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PROPERTY ID #: _		
COLINTY		

SOIL/SITE	<b>EVALUATION</b>	for ON-SITE	WASTEWATER	SYSTEM
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OCAT	R: Net Constituted By State Constitute Const	: 40'k 70' Sublic Sin	Julana . ( co	OPOSED DESIGN F	12 <b>51)</b> FLOW (.0400):	er	PROPE	ERTY SIZI ERTY REC R SUPPLY	ORDED: SETBACK:_	
P R O F I			SOIL MO	RPHOLOGY	отне	R PROFIL	E 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%	0-28	LS Sc1	Virluspluse Filsoplsxe	104R 6/1 >38"	>48°	_		5	
2	L 2-5%	O-34 34-48	LS	Hofuspluxe Folsoplexe	>48"	>-18°	_	_	<i>S</i> .6	
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	25% red	25% 128	EVALUATED BY: MA DETS
Site LTAR	. 5	-6	OTHER(S) PRESENT: A·W.
Maximum Trench Depth	24"	30"	
Comments:			

## **LEGEND**

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	1.5	APROLITE AR (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)	ı	LS (Loamy sand)	0.8 - 1.2		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	SANCTHER STREET	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)	ш	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			0.15 - 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)					ж.		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 DEPTH OF FILL

In inches below natural soil surface

RESTRICTIVE HORIZON

In inches from land surface Thickness and depth from land surface

**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)

Show profile locations and other site features (dimensions, reference or benchmark, and North). 210

Duncan Crack

<sup>\*</sup> 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.