

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

Owner: - Applicant: NC CUSTOM HOMES
 Address: 446 Kipling St Date Evaluated: 02/14/2020
 Proposed Facility: 4 BLDG Design Flow (.1949): 300 GPD Property Size: 5.0 AC
 Location of Site: 4 BLDG Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1,2	L 3-5%	0-12	GL LS	VM NSMP					PS
		12-48	GL SCL	FL SSSC	7.5" @ 44"	48			0.4
3	L 3-5%	0-32	GL LS	VM NSMP					PS
		32-48	GL SCL	FL SSSC		48			0.4
4,5	L 3-5%	0-12	GL LS	VM NSMP					PS
		12-46	ML SCL	FL SP					PS
		40"	Parent Mat.	-		40			0.35
6,7	L 3-6%	0-24	GL LS	VM NSMP					PS
		24-42	GL SCL	FL SSSC	Physical wetness @ 40"	42			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally Satisfactory
System Type(s)	2576 MC	2576 MC	Evaluated By: Andrew Curran, DEHS
Site LTAR	0.4	0.35	Others Present:

COMMENTS: _____

LANDSCAPE POSITIONS

- R-RIDGE
- S-SHOULDER SLOPE
- L-LINEAR SLOPE
- FS-FOOT SLOPE
- N-NOSE SLOPE
- H-HEAD SLOPE
- CC-CONCLAVE SLOPE
- CV-CONVEX SLOPE
- T-TERRACE
- FP-FLOOD PLAN

STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
I	S-SAND LS-LOAMY SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
II	SL-SANDY LOAM L-LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY
III	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3		P-PLASTIC VP-VERY PLASTIC
IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY	0.4 - 0.1		
	MINERALOGY SLIGHTLY EXPANSIVE EXPANSIVE			

Show profile locations and other site features (dimensions, references or benchmark, and North)

