Department of Environment, Health, and Natural Resources
Division of Environmental Health
Din-site Wastewater Section

Sheet:
Property ID:
Lot #:
File #:
Code:

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

Applicant: Owner: Date Evaluated: Address: Property Size: Design Flow (.1949): Proposed Facility: Property Recorded: \_ocation of Site: [] Spring [] Other [] Well [] Individual Nater Supply: [ ] Public [] Cut []Pit Evaluation Method: [ ] Auger Boring [] Mixed [ ] Industrial Process Type of Wastewater: [] Sewage

SOIL MORPHOLOGY 1941  Landscape Position/ Slope%  Size of Fill  Order  Soil Sapro Gestro Class  Honz  Texture  Mineralogy  OTHER PROFILE FACTORS  1944  1941  1942  1942  Soil Sapro Gestro Class  Honz  Restro Class  LTAI  Order  Soil Sapro Festro Class  So		₹									
1940 Landscape   Horizon   1941   1941   Soil   1943   1956   1944   Position/ Slope%   (IN.)   Texture   Mineralogy   Color   Depth (IN.)   Class   Horizon		Class				1		-		-	
1940	<b>多的思维数</b>	Restr					19				
1940 Landscape Horizon 1941 1941 Soil 1943 Position/ Slope% (IN.) Texture Mineralogy Color Depth (IN.)  36-6 - 11 - 11 - 11 - 11 - 11 - 11 - 11	10000000000000000000000000000000000000	Sapro									
1940 Landscape   Horizon   1941   1941   Soil   Position/   Slope%   (IN.)   Texture   Mineralogy   Color    36-0   - N	THER E FACTOR	Soil	,	UA	1						
1940 Landscape Position/ Slope% (IN.)  21-0  0-48  Y-D  1941  1941  Consistence Mineralogy  7-11	PROFIL	Wetness/		10 70 211	10 14 11 9						1
1940 Landscape Position/ Slope% Horizon Depth Structure/ (IN.) Texture  31-0 -48 5-0		Consistence		(A) (C)	F 10 10 10 10 10 10 10 10 10 10 10 10 10						
.1940 Landscape Position/ Slope% (IN.)  21 - 0 0 - 4 x		* Structure/	FIL		366						
Landscape Position/		Depth	31-0	01/	0.48						
		andscape Position/	Giope 70								

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	Charles	40
Site LTAR	. 4	.7

Other Factors (.1946):

Site Classification (.1948):

Evaluated By:

Others Present:

FILE	#		
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COMMENTS:

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE	1	S-SAND LS-LOAMY SAND	1.2 - 0.8	UPD UPDU PDV	
L-LINEAR SLOPE FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	ш	SL-SANDY LOAM L-LOAM SI-SILT- SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.8 – 0.6 0.6 – 0.3	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
W.	īv	SICL-SILTY CLAY LOAM SIC-SILTY CLAY	0.4 – 0.1		

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

MINERALOGY SLIGHTLY EXPANSIVE

SC-SANDY CLAY

EXPANSIVE

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SITE PLAN APPROVAL

DISTRICT MISOR USE SE-10

#BEDROOMS 3

8-04

3-8-04

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## Southeastern Soil \_ Environmental \_\_sociates, Inc.

P.O. Box 9321 Fayetteville, NC 28311 Phone/Fax (910) 822-4540

March 22, 2004

Mr. Joe West Harnett County Health Department PO Box 09 Lillington, N.C. 27546

Re: Deep soil borings, Lots 122, 123 & 132, Highland Forest Subdivision, Harnett County, North Carolina

Dear Mr. West,

Deep soil borings were advanced in your presence on the aforementioned lots. The purpose of the deep borings was to evaluate soil characteristics for subsurface waste disposal below fill material (typically up to 6 feet deep) on the aforementioned lots. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

Soils below the fill were typically loamy sand for 1 to 2 feet underlain by sandy loam or sandy clay loam to 4 feet. Soil wetness was typically greater than 4 feet below the original soil surface.

Due to space considerations, a 2' infiltrator may be required. Pretreatment may be required for repairs. Given the soil conditions, increased LTAR's are justifiable if pretreated effluent is used.

I trust this is the information you require at this time.

Sincerely,

Mike Eaker

NC Licensed Soil Scientist

M.K. Ech

