

# Southeastern Soil & Environment Associates, Inc.

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March 21, 1997

Mr. Bob French  
Rt. 5 Box 222  
Lillington, N.C. 27546

Re: Soil/site evaluation, 1.0 acre lot, SR 1271, Harnett County, North Carolina

Dear Mr. French,

A soil/site evaluation has been conducted, at your request, on the aforementioned property. The subject site is an approximate 1 acre lot located on the north side of N.C.S.R. 1271 approximately 1 mile west of an intersection with N.C.S.R. 1270. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

The site essentially lies on a linear (2-15 %) slope. Soil borings conducted in most of the typical drainfield area (see enclosed map) consisted of 8 to 10 inches of sandy loam underlain by a Bt horizon (clay) extending to 26 or more inches. Saprolite was typically observed greater than 30 inches below the surface (initial area). All other soil characteristics were either suitable or provisionally suitable to at least 30 inches.

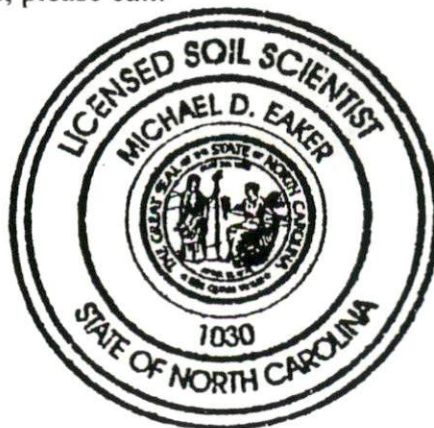
Based on these borings and site conditions, the site would be designated provisionally suitable for a shallow waste disposal system for a typical 2 bedroom home. EEEZZZ Lay drainline technology should be incorporated to save space and use the slopes contours. The site contains enough provisionally suitable area to allow for LPP repairs.

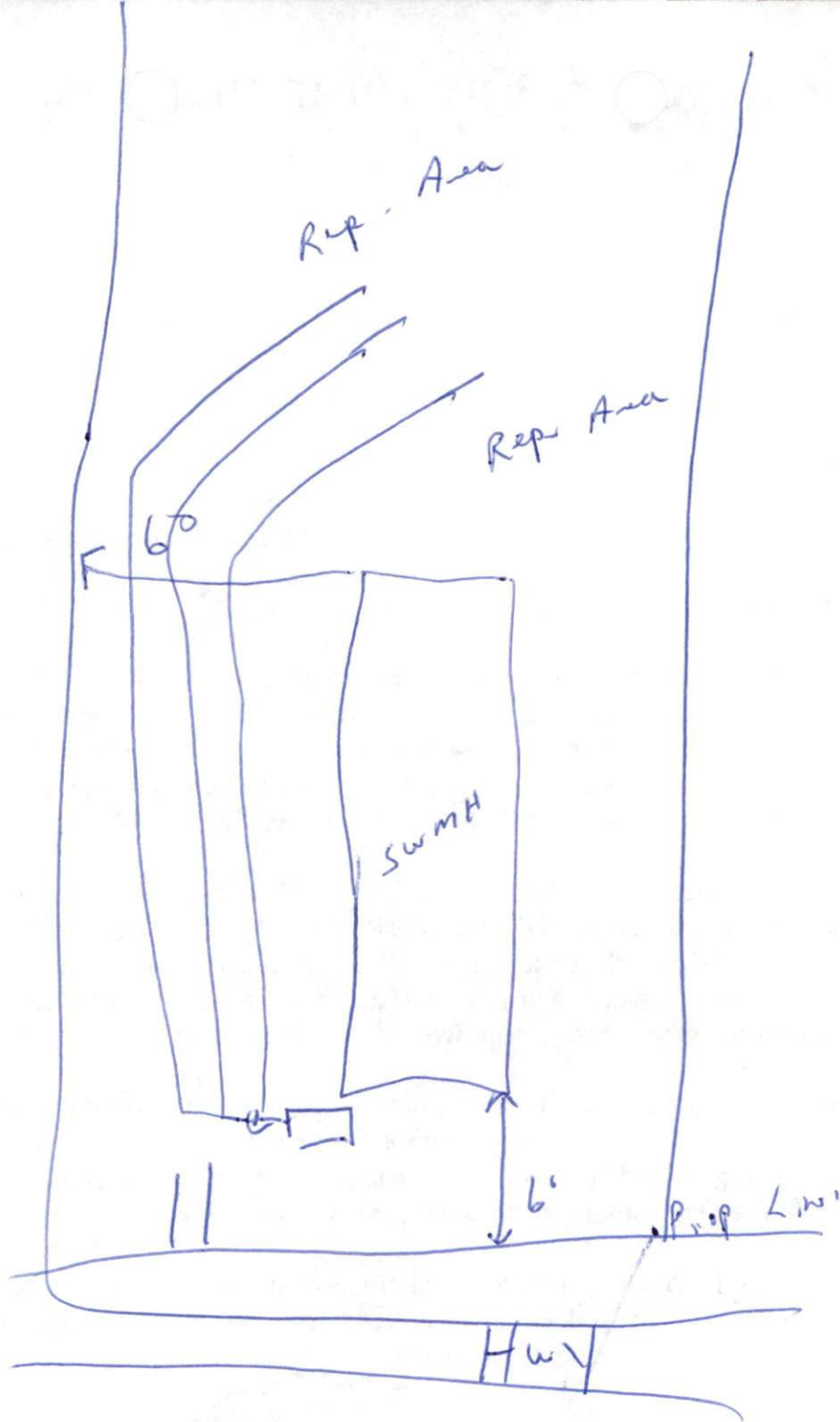
This report does not guarantee or represent approval of permit as issued by the Harnett County Health Department. It does, however, represent my opinion as a licensed soil scientist. If you have any questions, please call.

Sincerely,



Mike Eaker





Do not drive on system



# SITE/SOIL EVALUATION FOR ON-SITE WASTE WATER

APPLICANT: Bob French PHONE: \_\_\_\_\_ APPLICATION DATE: \_\_\_\_\_  
ADDRESS: 105 Bob 222 Lillingstone 27546  
COUNTY: \_\_\_\_\_ PROPERTY SIZE: \_\_\_\_\_ PROPOSED FACILITY: 2 BR MH 12' x 5'  
LOCATION OF SITE: \_\_\_\_\_  
WATER SUPPLY: On-Site Well \_\_\_\_\_ Community \_\_\_\_\_ Public ☒ Other \_\_\_\_\_ EVALUATION BY: Auger Boring ☒ Pit \_\_\_\_\_ Cut \_\_\_\_\_

FACTORS		PROFILES									
		1	2	3	4	5	6	7	8	9	10
LANDSCAPE POSITION	.1940	BS	BS	LS/SL	ES	LS	LS				
SLOPE (%)	.1940	8%	8%	15%	15%	12%	12%				
HORIZON 1 DEPTH		0-12	0-24	0-10	0-12	0-12	0-10				
Texture Group	.1941(A)(1)	SL	LS/SL	LS/SL	LS/SL	LS/SL	LS/SL				
Consistence	.1941	VF	VF	VF	VF	VF	VF				
Structure	.1941(A)(2)	M/L	M/L	M/L	M/L	M/L	M/L				
Mineralogy	.1941(A)(3)	NEx	NEx	NEx	NEx	NEx	NEx				
HORIZON 2 DEPTH		12-36"	4-10" block	10-30	12-26	12-28	12-26				
Texture Group	.1941(A)(1)	clay		clay		clay	clay				
Consistence	.1941	F		F, LF	F	F	F				
Structure	.1941(A)(2)	sub		sub	sub	sub	sub				
Mineralogy	.1941(A)(3)	SEx		SEx	SEx	SEx	SEx				
HORIZON 3 DEPTH				30+		30+					
Texture Group	.1941(A)(1)			SAP		SAP					
Consistence	.1941										
Structure	.1941(A)(2)										
Mineralogy	.1941(A)(3)										
HORIZON 4 DEPTH											
Texture Group	.1941(A)(1)										
Consistence	.1941										
Structure	.1941(A)(2)										
Mineralogy	.1941(A)(3)										
SOIL WETNESS	.1942										
RESTRICTIVE HORIZON	.1944										
SAPROLITE	.1943/1956	>36"	>24"	30"	>36"	28"	26"				
CLASSIFICATION	.1948	P5	P5	P5	P5	P5	P5				
LONG TERM	.1955	0.7	0.3	0.3	0.3	0.3	0.3				
ACCEPTANCE RATE											

AVAILABLE SPACE (1945): \_\_\_\_\_ SITE LONG TERM  
OTHER FACTORS (1946): \_\_\_\_\_ ACCEPTANCE RATE: 0.3  
SITE CLASSIFICATION (1948): P5 SYSTEM TYPE: ELC  
EVALUATED BY: ME OTHERS PRESENT: \_\_\_\_\_  
COMMENTS: \_\_\_\_\_

SEE 222 LAY on bottom of report in back or front