

SITE/SOIL EVALUATION FOR ON-SITE WASTEWATER

FACTORS		PROFILES									
		1	2	3	4	5	6	7	8	9	10
LANDSCAPE POSITION	.1940	L	L	L							
SLOPE (%)	.1940	1	1	1							
HORIZON 1 DEPTH		0-24									
TEXTURE GROUP	.1941(A)(1)	SL									
CONSISTENCE	.1941	FK									
STRUCTURE	.1941(A)(2)	GK									
MINERALOGY	.1941(A)(3)	NSNP									
HORIZON 2 DEPTH		24-30									
TEXTURE GROUP	.1941(A)(1)	SCL									
CONSISTENCE	.1941	FK									
STRUCTURE	.1941(A)(2)	GK									
MINERALOGY	.1941(A)(3)	SSNP									
HORIZON 3 DEPTH		30-42									
TEXTURE GROUP	.1941(A)(1)	SL									
CONSISTENCE	.1941	FK									
STRUCTURE	.1941(A)(2)	GK									
MINERALOGY	.1941(A)(3)	NSNP									
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										
CLASSIFICATION	.1948										
LONG TERM ACCEPTANCE RANGE	.1955	.8	.7	.8							

$$294 \times 3 \text{ gal each} = 882 \div .7 = 1260 \div 3 \text{ feet} = 420$$

$$\text{S. } 1764 \div 3 = 588$$

1500 GAL TANKS

Southeastern Soil & Environmental Associates, Inc.

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

March 14, 2002

Mr. Joe Langley
PO Box 1196
Angier, N.C. 27501

Re: Soil/site evaluation for subsurface waste disposal, 2.0 acre tract, NCSR 1507,
Harnett County, North Carolina

Dear Mr. Langley,

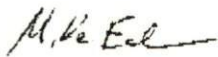
A soil/site evaluation has been conducted on the aforementioned property. The subject site is located on the south side of NCSR 1507 as shown on the accompanying map. The purpose of the investigation was to determine if soils were acceptable for a subsurface waste disposal system to serve a commercial facility (up to 875 gallons per day of domestic wastewater that does not include any industrial wastewater). All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

At least one site was located on the property that contained soils that have provisionally suitable properties exceeding 30 inches. The site essentially lies on a linear slope (2 - 6%) landscape. Soil borings conducted in most of this area consisted of 12 or more inches of sandy loam underlain by sandy clay loam extending to 40 or more inches. Soil wetness (colors of chroma 2 or less) was typically observed greater than 30 inches below the soil surface. All other soil characteristics were either suitable or provisionally suitable to at least 30 inches.

Based on soil borings and site conditions, this site would be designated suitable for a polystyrene aggregate (EFEZZZ Lay) waste disposal system (this is not a product endorsement). The site contains enough provisionally suitable area, as required, to allow for gravelless repairs. A plan showing the approximate location of this site accompanies this report.

This report, of course, does not guarantee or represent approval or issuance of permit as issued by the Harnett County Health Department. This report represents my opinion as a licensed soil scientist. Permits will only be granted if health department personnel concur with the findings of this report.

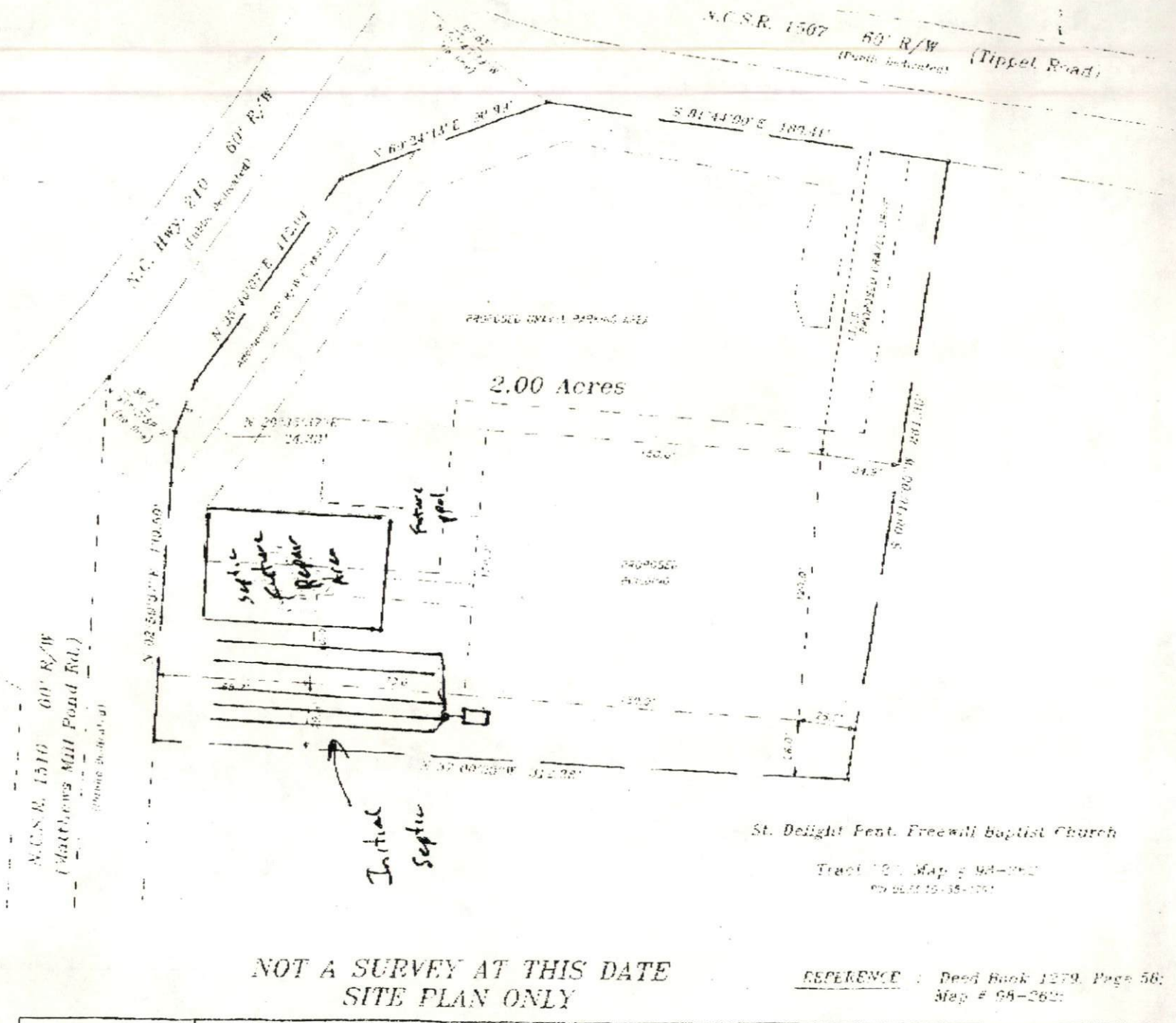
Sincerely,



Mike Eaker
President



Joe Campbell
This is all we have on to
Must go north side
North side



NOT A SURVEY AT THIS DATE
SITE PLAN ONLY

REFERENCE : Deed Book 1279, Page 58;
Map # 98-262;

OFF SITE DISPOSAL - off-site-recor WASTE

280 people