

CARTERET COUNTY HEALTH CENTER

Courthouse Square, Beaufort, NC 28516

Robert M. (Mike) Hanes, Director

03 August 1994

Mr. Steven Franks
c/o Mr. H. K. Page
2108 Tennyson Drive
Greensboro, NC 27410

Subject: Lot located S. R. 1343, Gloucester (Tax #9-14-1-2)
7346.03.04.9562

Dear Mr. Franks:

An evaluation was made on 08/02/94 of the above lot for the purpose of determining the suitability of the soil for a septic tank wastewater system.

The evaluation was made according to the Laws and Rules for Sewage Treatment and Disposal Systems, Section .1900 of the North Carolina Administrative Code.

The lot has been classified as unsuitable due to soil wetness condition (Rule .1942), restrictive horizon (Rule .1944) and massive soil structure (Rule .1941).

You have the right to an informal review of this decision by the environmental health supervisor of this health department and also by the regional staff of the Department of Environment, Health, and Natural Resources. You may contact the health department to arrange for this further review.

You may also wish to obtain the services of a private consultant to collect site-specific data and submit such data and a system design to the health department for technical review. A written documentation, including engineering, hydrogeologic, geologic, or soil studies indicates to the local health department and State Division of Environmental Health that a proposed septic tank system or a proposed alternative system can reasonably be expected to function satisfactorily.

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The substantiating data from these studies must meet Rule .1948 (d) and indicate that:

- (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
- (2) the effluent will not contaminate groundwater or surface water; and
- (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

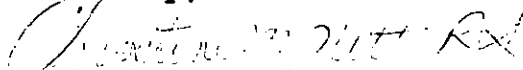
An option would be to pump the sewage off-site to an approved location if one is available.

You have the right to a formal appeal of this decision if you file a petition for a contested case hearing with the Office of Administrative Hearings, P. O. Box 27447, Raleigh, NC 27611-7447. A copy of the the petition form will be provided to you upon request. The petition must be received by the Office of Administrative Hearings within thirty (30) days after the date of this notice which is 08/03/94.

If you file a petition for a hearing you must send a copy of the petition to Richard B. Whisnant, Office of General Counsel, P. O. Box 27687, Raleigh, NC 27611-7687.

Please contact this office if you have any further questions or if we may be of assistance at 728-8499.

Sincerely,


Christine M. Nitt, R.S.
Environmental Health Specialist
On-Site Sewage Program

CN/cw

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

OWNER: Steven Franks APPLICANT:
APPLICATION DATE: DATE EVALUATED: 8-2-94
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE:
LOCATION OF SITE: Gloucester - SR 1343

WATER SUPPLY: Private Public Well Spring Other EVAL. METHOD: Auger Boring Pit Cut

PROFILE #	.1940 LANDSCP POS./ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .1941					OTHER PROFILE FACTORS
			(a)(1) TEXTURE	(a)(2) STRUCTURE	(a)(3) MINERALOGY CONSISTENCE	SOIL MATRIX COLOR	SOIL MOTTLE COLOR	
A		0-18	LS	GR			7/1	.1942 WETNESS CONDITION <1/2
		18-26	SU	CR				.1943 SOIL DEPTH/ .1936 SAPROLITE
		26 -	SCU	SAB				.1944 RESTRICTIVE HORIZON
								.1947 PROFILE CLASSIF. PROFILE LTAR
B	decreasin HP	0-8	Gray SL	CR			4/2	.1942 WETNESS CONDITION <1/2
		8-36	LS DRY porous	GR				.1943 SOIL DEPTH/ .1936 SAPROLITE
		36-48	SL	CR				.1944 RESTRICTIVE HORIZON
								.1947 PROFILE CLASSIF. PROFILE LTAR
C		0-6	SL				7/1	.1942 WETNESS CONDITION <1/2
		6-10	HP					.1943 SOIL DEPTH/ .1936 SAPROLITE
		5-10 1/4	SL					.1944 RESTRICTIVE HORIZON U
		14-	SCL - VERY hard					.1947 PROFILE CLASSIF. U PROFILE LTAR
A0		0-6	SL				4/1	.1942 WETNESS CONDITION <1/2
		6-12	HP am					.1943 SOIL DEPTH/ .1936 SAPROLITE
								.1944 RESTRICTIVE HORIZON U
								.1947 PROFILE CLASSIF. U PROFILE LTAR

AVAILABLE SPACE (.1945) repair req OTHER FACTORS (.1946) SITE CLASSIFICATION U
SYSTEM TYPE(S) SITE LONG-TERM ACCEPTANCE RATE(S) 1944
EVALUATED BY: NTH OTHER(S) PRESENT: 1942
COMMENTS:

USE THE FOLLOWING STANDARD ABBREVIATIONS

LANDSCAPE POSITION	GROUP	TEXTURE	.1959 (STAR)		STRUCTURE
			TEXTURE	MINERALOGY/CONSISTENCE	
CC - CONCAVE SLOPE	I	S - SAND	0.3 - 0.8	NON-EXP - NON-EXPANSIVE SLXP - SLIGHTLY EXPANSIVE EXP - EXPANSIVE	O - SINGLE GRAIN M - MASSIVE CR - CRUMBS GR - GRANULAR BSK - SUBANGULAR BLOCKY ABK - ANGULAR BLOCKY FL - FLATY PB - PRISMATIC
CV - CONVEX SLOPE		LS - LOAMY SAND			
D - DRAINAGE WAY		SL - SANDY LOAM			
DS - DEBRIS SLUMP		L - LOAM			
FF - FLOOD PLAIN	II	SCL - SANDY CLAY LOAM	0.8 - 0.8		
FS - FOOT SLOPE		L - LOAM			
H - HEAD SLOPE		ST - SILT			
L - LINEAR SLOPE		SCL - SILTY CLAY LOAM			
N - NOSE SLOPE	III	CL - CLAY LOAM	0.8 - 0.3	MOIST	WET
R - RIDGE		SCL - SANDY CLAY LOAM			
S - SHOULDER SLOPE		SCL - SILTY LOAM CLAY			
T - TERRACE		SC - SANDY CLAY			
	IV	SC - SANDY CLAY	0.4 - 0.1	VFR - VERY FRIABLE FR - FRIABLE F - FIRM VFR - VERY FIRM EFT - EXTREMELY FIRM	NS - NON-STICKY S - SLIGHTLY STICKY S - STICKY VS - VERY STICKY NP - NON-PLASTIC SP - SLIGHTLY PLASTIC P - PLASTIC VP - VERY PLASTIC
		SC - SILTY CLAY			
		O - ORGANIC	NONE		

NOTES:

- HORIZON DEPTH IN INCHES BELOW NATURAL SOIL SURFACE
- DEPTH OF FILL IN INCHES FROM LAND SURFACE
- RESTRICTIVE HORIZON— THICKNESS AND DEPTH FROM LAND SURFACE
- SAPROLITE S (SUITABLE) OR U (UNSUITABLE)
- SOIL WETNESS - 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. CLASSIFICATION - S (SUITABLE), PS (PROVISIONALLY SUITABLE), OR U (UNSUITABLE)
- EVALUATION OF SAPROLITE SHALL BE BY PITS.

LONG-TERM ACCEPTANCE RATE: GAL/DAY/FT²

