Department of Environment; Health and Natural Resources Division of Environmental Health On-Site Wastewater Section

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

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

Owner: Applicant: Address: Proposed Facility: 36 Colors Location of Site: Water Supply: Evaluation Method: Auger Boring Type of Wastewater: Sewa	Property Size:  Spring  Mixed	☐ Other

P R O F I L E	.1940 Landscape	e Horizoi	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				
	Position/ Slope %	ition/ Depth De % (In.)	pth 1941	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro	.1944 Restr	Profile Class
t	L5 5-70/2	0-18	6 5	VELS VISIN DEN		Dopai (IIV.)	Class	Horiz	& LTAR
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		0-24	6 5	VEST WISHP		·			
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ription		Initia		System					

[5				
Description	Initial	Repair System	Other Factors (.1946):	
A	System		Site Classification (.1948):	
Available Space (.1945)	0	9	Evaluated By:	•
System Type(s) Site LTAR	25% RED	25%260	Others Present:	
	1 143	1 - 472		

## HAL OWEN & ASSOCIATES, INC.

## SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, 266 Old Coats Road Lillington, NC 27546-0400 Phone (910) 893-8743 / Fax (910) 893-3594 www.halowensoil.com

2 February 2012

Mr. Gary Williams Mrs. Christine Williams 184 Rodeo Lane Lillington, NC 27546

Reference: Final Report for Comprehensive Soil Investigation

Minor Subdivision for Gary L Williams and Christine G. Williams

NCPIN 0640-20-7005

Dear Mr. and Mrs. Williams,

A comprehensive soil investigation has been conducted at the above referenced property, located at 184 Rodeo Lane, north of McDougal Road (SR 1229), Lillington Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of this lot to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All soil ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". It is our understanding that individual septic systems and public water supplies will be utilized at this site. The maximum house footprint used for this evaluation was 50 X 60 feet. Ponds are located in western and southern portions of the property which likely have associated wetland fringes and may themselves be considered jurisdictional entities.

A portion of this lot was investigated and found to be underlain by provisionally suitable soils for subsurface sewage waste disposal. These provisionally suitable soils were observed to be firm sandy clay loams to greater than 33 inches and appear adequate to support a long term acceptance rate of 0.4 gal/day/sqft. It appears that the soils on this lot are adequate to support a conventional septic system and repair area for one residence.



This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,

Hal Owen

Licensed Soil Scientist

Reference: Final Report for Comprehensive Soil Investigation Minor Subdivision for Gary L Williams and Christine G. Williams NCPIN 0640-20-7005

## Soil Map Legend

Provisionally Suitable Soils

Scale 1 inch = 100 feet





