

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
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4-29-13

Reference: Data Sheet for Georgia Mills Subdivision, Lot 39
House Footprint: See Plat
Building Setbacks: 35' front/back, 15' side
Water Source: Private Well
Number of Bedrooms: 4/480 gpd
Pre-determined LTAR: 0.25gpd/ft2
Suggested System Type: Existing 25% Reduction
Repair System Type: Deep Sand Lined Trench
Distribution: Low Pressure (repair)
Septic Tank Size: 1000 gal.
Proposed Trench Bottom: 60" (Repair-ICHD)

Line	Design Length	Actual Length
Orange 1		41'
White 2		85'
Pink 3		85'
Blue 4		85'
Orange 5		85'
White 6		101'
Pink 7		122'
Blue 8		56'

Initial System: Existing **Repair System:** 660'

Comments:
Michael Athanas & Associates investigated this lot for the addition of a pool and a detached garage. The berm has been partially removed to gain repair area. More of the berm must be removed for the full repair.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: 4 bedroom PROPOSED DESIGN FLOW (.1949): 480 gal PROPERTY SIZE: _____
LOCATION OF SITE: Georgia Mills 39 PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 5%	0-9	Br SCL WSBK	FR SS SP	Com YB		C-M INCL SAP		PS 0.3 @ Greater than 36"
		9-36	R C ABK	FR SS SP					
		@ 36	Chr 2						
		36-50	R CL SBK	FR SS SP					
		50-80	R CL WSBK	FR SS SP					
2	LS 5%	0-10	Br SCL WSBK	FR SS SP	Com YB		Few Sap Com Sap		PS 0.3 @ Greater than 38"
		10-38	R C ABK	FR SS SP					
		38-60	R CL SBK	FR SS SP					
		60-80	R CL WSBK	FR SS SP					
3	LS 5%	0-23	Fill		Com YB		Few Sap F-C Sap		PS 0.3 @ Greater than 38"
		23-38	R C ABK	FI-FR SS SP					
		38-58	R CL SBK	FR SS SP					
		58-88	R CL WSBK	FR SS SP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		1920 ft2
System Type(s)		Deep SL Trench
Site LTAR		0.25 gpd/ft2

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: M A & Assoc
OTHER(S) PRESENT: _____

COMMENTS: _____