

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
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Reference: Data Sheet for Buffalo Shoals National, Lots 4,5,6
House Footprint: See attached
Building Setbacks: 35' front/back, 15' side
Water Source: County water
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
Orange 1	**110'**	**110'**
Blue 2	**110'**	**110'**
White 3	**95'**	**98'**
Orange 4	**85'**	**85'**
Blue 5		75'
White 6		60'
Orange 7		55'
Blue 8		45'
White 9		34'

Initial System: 400' **Repair System:** 269'

Comments:

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 GPD___ PROPERTY SIZE: _____
LOCATION OF SITE: _Buffalo shoals National Lot 4,5,6_____ 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 12%	0-24	R C SBK	FR SS SP		48"			PS 0.3
		24-48	R CL WSBK	FR SS SP					
2	LS 15%	0-4	Br SCL WSBK	FR SS SP		24"			PS 0.3
		4-20	R C SBK	FR SS SP					
		20-24	R CL WSBK	FR SS SP					
		24-48	Ver L SAP M	VFR SS SP					
3	LS 7%	0-40	R C SBK	FR SS SP		48"			PS 0.3
		40-48	R CL WSBK	FR SS SP					
4	LS 10%	0-34	R C SBK	FR SS SP		48"			PS 0.3
		34-48	R CL WSBK	FR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	538 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

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

EVALUATED BY: _M A & Assoc_____
OTHER(S) PRESENT: _____

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	LS 10%	0-40	R C SBK	FR SS SP		48"			PS 0.3
		40-48	R CL WSBK	FR SS SP					
6	LS 10%	0-25	R C SBK	FR SS SP		48"			PS 0.3
		25-48	R CL WSBK	FR SS SP					
7	LS 10%	0-24	R C SBK	FR SS SP		48"			PS 0.3
		24-48	R CL WSBK	FR SS SP					

COMMENTS: _____