Paid $75.00 RH
9-24-13



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
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Reference: Data Sheet for 111 Palmetto Dr., Stutts Cove SD Lot 10
House Footprint: 60' x 60'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private Well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
Red 1		71'
White 2		91'
Orange 3		112'
Pink 4	**100'**	**100'**
White 5	**100'**	**100'**
Orange 6	**100'**	**100'**
White 7	**100'**	**100'**

Initial System: 400' **Repair System:** 274'

Comments:
Michael Athanas & Associates re-evaluated this lot to change the system to 25% reduction. The system is in the same soil area as permitted by ICHD and the house is in the same location. One pit was evaluated to verify the LTAR.

David R. Bailey
1580 – 1265
PIN 4636-52-5922
Lot 7
Lot 8
Lot 6
STUTTS COVE Phase 1
Plat Book 31 Page 73
S 13°16'07"E
125.00'
40'
well
well
10'
60'
60'
250.00'
N 76°43'01"E
250.00'
S 76°43'01"W
Donna M. Schroeder
1328 – 1264
PIN 4636-52-2929
Gerald R. Cook
1281 – 879
PIN 4636-52-2773
W7
W6
W5
W4
W3
R1
Additional Repair Area
SEPTIC SYSTEM
Lot 9
Lot 10
Lot 11
scale
1"=40'
125.00'
N 13°16'07"W
R/W
PALMETTO PLACE
45' Right of Way
18' Paved Street

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: _111 Palmetto Dr., Stutts Cove Lot 10_____ 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%	0-7	Br SCL WSBK	FR SS SP		48"			PS 0.3
		7-48	R C SBK	FR SS SP					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	540 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3 (ICHD)	0.3 (ICHD)

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _M A & Associates_____
OTHER(S) PRESENT: _____

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: Classic Carolina Homes - Dan West
ADDRESS: _____
APPLICATION DATE _____
DATE EVALUATED: 10-17-05
PROPOSED FACILITY: Residential PROPOSED DESIGN FLOW (.1949): _____
PROPERTY SIZE: _____
LOCATION OF SITE: Brawley Sch Rd TL Stutts TR Poinsettia TL Palmetto Lot 10
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) .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
1		0-12	1sbk sc/			48			PS .3
		12-48	1sbk c/c	ss/sp se					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	yes	yes
System Type(s)	LP Panel	LP Panel
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Judy Melville
OTHER(S) PRESENT: Dan West

COMMENTS: _____

ISION OF ENVIRONMENTAL HEALTH
ITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Mike Fox APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 12/9/98
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Stutts Cove Lot # 10 Stutts PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other Truck Fill
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-6	Brn SL GR FR						PS .3
		6-24	Dull Brn C mSBK SS, SPSE, FF						
		24-40	Dull Brn C mSBK SS, SPSE, FF						
		40-45+	DAP						
2	Pit #2 Backup	0-18	Brn SL GR FR						PS .25
		18-48	Dull Brn SL mSBK — massive SPSE, FF						
		48-50+	Dull Brn C mSBK SS, SPSE FR						
3	Pit 1	0-6	Brn SL GR FR						PS .3
		6-20	Dull Brn C mSBK SS, SPSE FF						
		20+	Dull Brn C mSBK SS, SPSE FF						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____