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: Georgia Mills Plantation — APPLICATION DATE _____
ADDRESS: _____ — DATE EVALUATED: _____
PROPOSED FACILITY: House — PROPOSED DESIGN FLOW (.1949): _____ — PROPERTY SIZE: _____
LOCATION OF SITE: Lot 29 — PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut — TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1948 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
29-1	L	0-7	moGR SL	FR NS/NP	Br				
		7-22	MOSBK C	FR SS/SP	Red, C-yBr (F		(5Y 8/2)		
		22-50	WKSBK CL	FR SS/SP	Red, F	y/Br	f-Sap		US
29-2	L	0-9	MOGR SL	FR NS/NP	Br				
		9-28	MOSBK C	FR SS/SP	Red, C	-y/br,	F 2.5Y 6/2	F Sap	
		28-52	WKSBK CL	FR SS/SP	Red			C-Sap	US
29-3	L	0-19	SG LS	VFR NS/NP	Br				
		19-43	MOSBLC	FR SS/SP	Red, C-y/br,		(2.5Y 7/3)		
		43-54	WKSBKCL	FR SS/SP	Red, f-y/br		F-Sap		0.2-0.25
	R	0-12	Mo GR SL	FR SS/NP	Br Red				
	L	12-31	WK SBK CL	FR SS/SP	Red		F Sap		
		31-37	WK SBK CL/C	FR SS/SP	Red; C yel	Br	F Sap		0.25
		37-52	WK SBK CL	FR SS/SP	Red		C Sap		RS

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
ailable Space (.1945)		
tem Type(s)		
LTAR		

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

MENTS: _____

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: 3/16/08
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1949 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	29-4 L	0-4	Mo GR SCL	FR SS/SP	Br				
		4-12	Mo SBK C	FR SS/SP	Red		F sap		
		12-20	WK SBK C	FR SS/SP	Red; C yel Br, 3+4		chroma	Mottles, F sap	0.25 PS
		20-36	WK SBK CL	FR SS/SP	Red		F/C sap		
		36-48	WK SBK SCL	FR SS/SP	Red		C sap		
2	29-5 LCC	0-8	Mo GR SCL	FR SS/SP	Br				
		8-24	WK SBK CL	FR SS/SP	Red; F yel	Br	F sap		
		24-33	WK SBK/ABK C	FR SS/SP	Red; C yel	Br	F sap		0.25 PS
		33-48	WK SBK SCL	FR SS/SP	Red		C sap		
3	29-6 L	0-8	Mo SBK SL	FR NS/NP	Br				
		8-30	Mo SBK C	FR SS/SP	Red; C yel Br		C sap		0.25 PS
		30-48	Mo/WK SBK CL	FR SS/SP	Red				
4	29-7 L	0-12	Mo GR SL/ WK SBK SCL	FR NS/SP	Br				
		12-28	Mo SBK C	FR SS/SP	Red; F C yel Br		F sap		
		28-36	WK SBK SCL	FR SS/SP	Red		C sap		0.25 PS
		36-48	MA-SL sap	FR SS/NP	Red yel		F mica		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
vailable Space (.1945)		
stem Type(s)		
e LTAR		

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

MMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: ___
DATE OF EVALUATION: 3/16/08
COUNTY: Iredell

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
	29-8	0 - 8	wk, Gr, SL	VFr, SS, NP	(LtBrwn)		(<2%)		<27" 0.15
		8-27	Mo/wk, sbk, C	Fr, SS, SP	(Red) C-M	Y/B + VF	10YR 7/2		<27" 0.20
		27-48	wk, sbk, C/CL	Fr, SS, SP	(Red) C-M	- Sp. Inclus.			
						Shore Bam Off			>27" 0.25 0.30
								* Improves w/ Depth	

COMMENTS: PMitchell