Division of Environmental Health
On-site Wastewater Section

Property ID:
Lot #:
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner:
Address: 109 SWAN LAKE RD MOORESVILLE, NC 28115
Proposed Facility: SFR Design Flow (.1949) 360 GPD
Location of Site:
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: AMERICA'S HOME PLACE
Date Evaluated: 8/21/2009
Property Size:
Property Recorded: YES

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 1941 Structure/ Texture	1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	3%	0-18	SCL,M,SBK	SS,SP,VFR		46"	PS		.35
		18-24	CL,M,SBK	SS,SP,VFR	FEW SAP INC				
		24-46	CL,M,SBK	SS,SP,VFR	MANY SAP INC				
		46-48	LSAP,W	NS,NP,VFR					
2	4%	0-23	SCL,W,SBK	SS,SP,VFR		52"			.3
		23-35	C,M,SBK	SS,SP,FR					
		35-52	CL,W,SBK	SS,SP,VFR	MANY SAP INC				
3	<2%	0-17	SCL,W	SS,SP,VFR		40"	PS		.3
		17-40	SC,M,SBK/ABK	SS,SP,FR	FEW TO MANY SAP INC				
		40-50	SLSAP,W	NS,NP,VFR					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present:
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present:

COMMENTS: NEED TO LOOK AT PITS TO EVALUATE SAPROLITE

Sheet:
FILE #:

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On-site Wastewater Section

Property ID:
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SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner:
Address: SAME AS BELOW
Proposed Facility: SFR Design Flow (.1949) 360 GPD
Location of Site: 109 SWAN LAKE RD MOORESVILLE, NC 28115
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: AMERICA'S HOME PLACE
Date Evaluated: 8/24/2009
Property Size:
Property Recorded: YES

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	4%	0-7	SCL						
		7-23	SCL,M,ABK	SS,SP,FR					
		23-50	CL,M,SBK	SS,SP,VFR	FEW TO MANY SAP INC				
		50-66	LSAP,W	NS,NP,VFR		50"	PS		.35 BELOW 23"
2	<2%	0-19	SC,M,ABK	SS,SP,FR					
		19-47	CL,M,SBK	SS,SP,VFR	FEW TO MANY SAP INC				
		47-64	LSAP,W	NS,NP,VFR		47"	PS		.3
3	<2%	0-27	SC,M,ABK	SS,SP,FR					
		27-47	CL,M,SBK	SS,SP,VFR	FEW TO MANY SAP INC				
		47-62	LSAP,W	NS,NP,VFR		47"	PS		.3

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present:
Site Classification (.1948):
Site Evaluation By: BEN ALDRIDGE
Others Present: