Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 2
PIN #: 4669-31-8604
Lot #:
Permit #: 170945
ApplD:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner:
Applicant: ROBERT MCFARLAND
Address: 159 FREEZE CROSSING DR. MOORESVILLE, NC 28115
Date Evaluated: 9/20/2013
Proposed Facility: SFR
Design Flow (.1949) 600
Property Size: ACERAGE
Location of Site: SHINNVILLE RD.
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

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
AB 1	L 7%	0-10	CL,M,SBK	SS,FR	NA	37"	S	48"+	.3
		10-37	SCL,W,SBK	SS,VFR					
		37-48	SLSAP	SS,VFR					
AB 2	L 7%	0-16	C,M,SBK	SS,FIRM	<CH2 @ 16"	16"	U	16"	U
		16-48	CLSAP,MASS	STICKEY					
AB 3	L 7%	0-12	RC,M,SBK	SS	NA	40"	S	48"+	.3
		12-40	RCL,W,SBK	SS					
		40-48	SLSAP	SS,VFR					
AB 4	L 7%	0-12	RC,M,SBK	SS	NA	40"	S	48"+	.3
		12-40	CL,M,SBK	SS					
		40-48	SLSAP	SS					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25%	G-25%
Site LTAR	.35	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: NONE
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: NONE

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Sheet: 2 OF 2
File #:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
AB 5	L 7%	0-48	SSAP	NS	NA	0"	S	48"+	.5
PIT 1	L 7%	0-21	C,M,SBK	SS	NA	48"	S	70"+	.35
		21-48	CL,W,SBK	SS					
		48-70	LSAP	SS					
PIT 2	L 7%	0-32	RC,M,SBK	SS	<CH2 @ 32"	70"	NA	32"	.25 TO 32" U @ 32"+
		32-70	C,M,ABK	STICKEY					
PIT 3	L 7%	0-20	RC,M,SBK	SS	NA	20"	S	70"+	.4
		20-70	SLSAP	NS					
PIT 4	L 7%	0-8	RC,M,SBK	SS	NA	8"	S	70"+	.5
		8-70	SSAP	NS					

3.10 1/2

4.1 1/2

5.5 1/2

3.10 1/2

4.2

5.6

$$\begin{array}{r} {}^{1}{}^{3}2 \\ 3\,7 \\ 2\,8 \\ 2\,7 \\ \hline 11.8 \\ \times \quad 4 \\ \hline 472 \end{array}$$