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

Sheet: 1 OF 2
PIN #: 4616-90-2037
Lot #: 36
Permit #: 147071
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: LAKE LUXURY HOMES LLC.
Applicant: SAME
Address: PO BOX 3792 MOORESVILLE, NC 28117
Date Evaluated: 7/9/2013
Proposed Facility: SFR Design Flow (.1949) 600
Property Size: 1.39 AC
Location of Site: WATERTREE LANDING 36
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 3%	0-18	CL,W,SBK	SS	NA	18"	S	18+	REFER TO PITS
		18+	LSAP	SS					
PIT 1	L 3%	0-12	CL,W,SBK	SS	NA	12"	S	60+	.4
		12-60	LSAP	SS					
PIT 2	L 3%	0-9	CL,W,SBK	SS	NA	9"	S	60+	.45
		9-36	LSAP	SS					
		36-60	SLSAP	NS					
PIT 3	L 3%	0-48	C,M,SBK	SS	NA	48"	NA	48+	.3

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25%	PANEL BLOCK
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:
File #:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
PIT 4	L 3%	0-16	CL,M,SBK	SS	NA	16"	S	60+	.4
		16-60	LSAP	SS					

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Mid-Atlantic Dev. Co.
ADDRESS:
APPLICATION DATE 1/08
DATE EVALUATED: 1/08
PROPOSED FACILITY: RES
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE:
LOCATION OF SITE: Lot 36 Watertree landing
PROPERTY RECORDED: Yes
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	
P1		0-24	RC SBK	fri SSSP SExP					.3
		24-46	RCL WSBK	fri SSSP SexP					
		46-62	LSAP M	fri SSSP SExP					
P2		0-27	RC SBK	fri SSSP SExP					.3
		27-58	RCL WSBK	fri SSSP SExP - common SAP					
		58-67	LSAP M	fri SSSP SExP					
P3		0-16	RC MFSBK	fri SSSP SExP					.3
		16-37	RCL WSBK	fri SSSP SExP - comm - SAP					
		37-64	SL SAP M	fri SSSP SExP					
P4		0-22	RC SBK	fri SSSP SExP					.3
		22-50	RCL WSBK	fri SSSP SExP					
				few/common SAP					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Rollins Soil & Environmental
OTHER(S) PRESENT:

COMMENTS: