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

Sheet: **1 OF 2**
PIN #: **4626-21-4021**
Lot #: **96**
Permit #: **150170**
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: **LAKE LUXURY HOMES**
Applicant: **SAME**
Address: **PO BOX 3792 MOORESVILLE**
Date Evaluated: **10/4/2012**
Proposed Facility: **SFR** Design Flow (.1949) **600**
Property Size: **1.11 AC**
Location of Site: **WATERTREE LANDING LOT 96**
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 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	5% LINEAR	0-26	CL,M,SBK	SS,VFR	NA	48"	COMM @ 26" MANY @ 48"	48"+	.3
		26-48	CL,W,SBK	SS,VFR					
AB 2	5% LINEAR	0-42	FILL						U
AB 3	5% LINEAR	0-36	CL,M/W,SBK	SS,VFR	NA	36"	S	36"+	.35
		36+	LSAP	SS,VFR					
PIT 1	5% LINEAR	0-14	C,M,ABK	SS,FIRM	NA	60"	NA	60"+	.3
		14-60	CL,M,SBK	SS,VFR					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25%	LP PANEL BLOCK
Site LTAR	.3	.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 #: 150170

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 2	5% LINEAR	0-23	C,M,ABK	SS,FIRM	NA	40"	S	60"+	.35
		23-40	CL,W,SBK	SS,VFR					
		40-60	LSAP	SS,VFR					
PIT 3	8% LINEAR	0-19	SC,M,SBK	SS,FIRM	NA	34"	S	63"+	.4
		19-34	SCL,W,SBK	SS,VFR					
		34-63	SLSAP	SS,VFR					
PIT 4	8% LINEAR	0-25	SC,M,SBK	SS,FR	NA	49"	NA	49"+	.3
		25-38	CL,M,SBK	SS,VFR					
		38-49	CL,W,SBK	SS,VFR					

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

lot 96 Waterbree

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
A	SS 5-10%	0-16	R C MFSBk	SS, SP, Fr SEP	—	48"	—	—	PS .3 OK 12/8/09
		16-34	R C MFSBk	SS SP, Fr SEP	few from SEP				
		34-48	R CL MFSBk	SS, SP, Fr SEP	com SEP				
B	LSS 10-15%	0-23	RC MFSBk	fri SS, SP, SEP	—	52	—	—	.3 OK 12/8/09
		23-52	RCL MSBk	Fri SS SP SEP					
C	SS 5-10%	0-22	R C MFSBk	SS, SP, Fr SEP	—	58"	—	—	.3 OK 12/8/09
		22-58	R CL MFSBk	SS, SP, Fr SEP	few SEP				
D	LSS 5-10%	0-21	RC MSBk	fri SS SP SEP	—	51	—	—	.3 OK 12/8/09
		21-51	RCL MSBk	fri SS SP SEP					

COMMENTS: Avail. Space System type LSS LTAR

Initial PS IV .3

Repair PS IV .3