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

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Mid Atlantic Dev. Co.
ADDRESS: PO BOX 3792 MOORESVILLE 28117
PROPOSED FACILITY: R-5 PROPOSED DESIGN FLOW (.1949): 450
LOCATION OF SITE: WATERTREE 51
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☑ Auger Boring ☑ Pit ☐ Cut

APPLICATION DATE 12/07
DATE EVALUATED: 12/07
PROPERTY SIZE: ___
PROPERTY RECORDED: ___
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

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
A	LSS	0-4	BSCL GR	fri SSSPSAP					
X		4-28	RC MFSSK	fri SSSPSAP					PS
	5-10%	28-48	RCL WSAP	fri SSSPSAP	—	48	—	—	.3
				Common SAP					
B		0-4	BSCL WK	fri SSSPSAP					
2		4-18	RCL WSAP	RC SAP fri SSSP					
		18-44	RCL WSAP	fri SSSPSAP					PS
		44-48	SL SAP	fri SSSPSAP	—	44	—	—	.3
C		0-4	BSCL WK	fri SSSPSAP					
3		4-24	RC SAP	fri SSSPSAP					
		24-48	RCL WSAP	fri SSSPSAP	—	48	—	—	PS
									.3
D	✓	0-4	BSCL WK	fri SSSPSAP					
4		4-20	RC SAP	fri SSSPSAP					
		20-48	RCL WSAP	fri SSSPSAP	—	48	—	—	PS
									.3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		PP/BPS
Site LTAR	.3	.3

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

COMMENTS: ___

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Water Tree lot 51

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

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON 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
E	LSS 05-10%	0-26	RC mf sbk	fri sssPSexp					
		26-48	RC wsbk	fri sssPSexp	-	48	-	-	.3

COMMENTS: ____________

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: 12/20/07
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Watertree Landing Lot 51 PROPERTY RECORDED: _____
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) .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
1	AB (1) L 4%	0 – 16	mSbk C	Fr SS SP SE NP					15 .275-.3
		16 – 48	mSBk/ABk C	Fr SS SP SE NP					
2	AB (2) L 8%	0 – 30	mSbk C	Fr SS SP SE NP					05 .275-.3
		30 – 48	mSBk/ABk C	Fr SS SP SE NP					
3									
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Anthony Cobb
OTHER(S) PRESENT: _____

Lot 51
31,062
Sq.Ft.
Lot 50
30,120
Sq.Ft.
S83°05'44"E 202.52
S57°41'51"E 182.52
S42°12'46"W 266.58
S00°48'20"
DRIVE
DRIVE
35' Setbac
DROP BOXES
L99
L202
L203
L201
L61
L4
L3
104.50
100.42
1/2" Iron Found

1" = 40'

S57°41'51"E 182.52
S42°12'46"W 266.58
104.50
28.50
100.42
Lot 51 Sq.Ft.
81,065
Lot 52 Sq.Ft.
30,939
S83°05'44"E 202.52
C22
L3
1/2" Iron Found
DRIVE
CVB
PM
PU
3 R 3'
1 O 3.5' 122'
2 B 4.9' 150'
3 P 6' 97'
4 R 6.8' 95'
5 O 7.5' 95'
6 B 9.4' 95'
1 P 1.3' 38'
2.8' 51'
1 R 2.7' 54'
2 P 3.5' 75'
3 B 4.3' 100'
64'
40'
50'
48'
70'
55'
15'