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

APPROVED MAR 1 3 2015

Sheet __1__ *of* __1__
PROPERTY ID #: _____
COUNTY: _Iredell____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE_____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _4 bdrm_____PROPOSED DESIGN FLOW (.1949): _480 GPD_____ PROPERTY SIZE: _____
LOCATION OF SITE: _Harbor Landing 30B_____ 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)		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	
1	LS 5%	0-38	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		38-48	R CL WSBK	FR SS SP					
2	LS 7%	0-33	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		33-48	R CL WSBK	FR SS SP					
3	LS 5%	0-43	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		43-48	R CL WSBK	FR SS SP					
4	LS 5%	0-24	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		24-48	R CL WSBK	FR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	801 FT2	801+ FT2
System Type(s)	PPBPS	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____

EVALUATED BY: _M A & Associates_____
OTHER(S) PRESENT: _____

COMMENTS: _____

CURR

APPROVED MAR 1 3 2015

S.R. #1303 60' R/W

N 02° 35' 17" W

190.16'

B

A

25' SIDE STREET SETBACK

35' SETBACK

153.75'

860 SQ FT

30

160.40'

S 12° 58' 50" W

23,579 SQ FT

102.97'

164.83'

N 73° 00' 03" W

61.87'

P1 P2 P3 P4 P5 P6 P7

BK1 BK2 BK3 BK4 BK5 BK6 BK7

WC

1 2 3 4 5 6

B1 0-10 Fill LN
SS 10-32 YR C WFSBk Fi SS SP SExP few ch.2 >24"
3%

B2 0-40 YB C M VFi VS VP ExP many ch.2 LN
SS 40-48 YB C M VFi VS VP ExP con sap, many ch.2
4%

B3 0-12 Fill LN
SS 12-32 R C WFSBk Fr S PSExP ch.2 24"
8% few YB

B4 0-10 Fill LN
10-26 R C WFSBk Fi SS SP SExP com/many YB, few ch.2
SS 26-32 R CL WFSBk Fr SS SP SExP few sap, few ch.2
5% few heavy/ExP clay veins

B5 0-8 Fill LN
8-24 R C WFSBk Fi SS SP SExP few YB, few ch.2
SS 24-36 R CL WFSBk Fr SS SP SExP con sap, con clay veins, some exp
7% ExP com ch.2, con YB
36-48 var CL sap M Fr SS SP SExP few C veins, few ch.2

DENR/DEH

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Sheet ____ *of* ____
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ADDRESS: _____ DATE EVALUATED: _____
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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	SS 5%	0-21	F, 11			96"	—		LAN
		21-26	B SC WBk	Fr SS SP SE P	con YB				
		26-46	R C WPABk	Fi S P SE P	Chr 2 37" common many YB				
P2	SS 5%	0-21	F, 11			53"	—	-	LAN
		21-27	B SC/SCL Gr	Fr SS SP SE P	con YB				
		27-53	R C MABk	Fi S/VS VP EXP	mixed exp & non-exp many YB Chr 2 > 41"				
P3	SS 7%	0-8	F, 11			41"	—	-	LAN
		8-18	B SCL Gr	Fr SS SP SE P	few YB				
		18-29	R C WABk	Fi S P SE P	common many YB				
		29-33	R C VPABk	Fi S P SE P	com EXP incl. con. chr 2				
		33-41	YB C R	Fi VS VP EXP	many chr 2				
P4	SS 6%	0-17	Compacted/prismatic			51"	—	-	LAN
		17-51	R C/CL WVFSBk	VFi SS SP SE P	Chr 2 24 ~~37~~ 51" com C wet-s, many YB				

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

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

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
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DATE OF EVALUATION: _____
COUNTY: _____

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P 5	SS 4%	0-8	Fill			45"	–	–	PS .2 to 34
		8-17	B SC VWFSBk	Fi SS SP SExP					
		17-34	BR C SABk	Fi S P SEXP	few/few 7.5				
		34-45	R C VWFSBk/Mottle	Fi SC SP SEP	Com Chr2 Co 10				
P 6	SS 5-10%	0-6	Compacted SCL			36"	–	–	UN
		6-11	RB SCL Gr	Fr SS SP SEP					
		11-25	R C SABk	Fi S P SEXP	Com 7.5, Chr 2 22"				
		25-36	YR C SABk/Prismatic	Fi S/US/	P/VP many Chr 2 to 7.5				
P 7	SS 5%	0-18	Compacted/Fill						CON
		18-39	G Rock controlled sap/LWR						

COMMENTS: _____