DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 3
PROPERTY ID #: 2992
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Charles K. Collier APPLICATION DATE 6/10/16
ADDRESS: 510 Brookhaven Rd Sul NC DATE EVALUATED: 6/29/16
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 360 GPD PROPERTY SIZE:
LOCATION OF SITE: 514 Brookhaven Rd Sul. NC 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) .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 1	LSS 8%	0-4	BSL, GR	VFR, SS, SP	Some Mottling 18"-36"	48"	F SAP Incl.	/	.275
		4-12	BSCL, WSBK	FR, SS, SP					
		12-44	RC, WSBK	" " "					
		44-49	RCL, WSBK	" " "					
A 2	LSS 10%	0-4	BSL/SCL, WSBK	VFR, SS, SP	Drain Mottles 15"-24" 40"-46"	48"	F SAP Incl.	/	.25
		4-48	RC, WSBK	FR, SS, SP					
A 3	LS 8%	0-3	BSL, GR	VFR, SS, SP	1 Drain Mottles 5"-30"	48"	F SAP Incl.	/	.25
		3-20	RC, W/WSBK	FR, S, P					
		20-48	RC, WSBK	" SS, SP					
A 4	LS 10%	0-8	Fill	—	Drain Mottles 8"-25"	42"	C-M SAP Incl	/	.25
		8-20	RC, ABK	FI, S, P					
		20-38	RC, WSBK	FR, SS, SP					
		38-42	RCL, WSBK	" " "					
		43	AR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Approved	Approved
Site LTAR	.25	.25

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS

EVALUATED BY:
OTHER(S) PRESENT:

COMMENTS:

1 inch = 50 feet

*Soil Notes

3/3

1:600



P 44
B 76
O 87
W 115
P 48

DESIGN

42
74
86
114
46