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: Joe & Andrea Nemechek
ADDRESS:
APPLICATION DATE 1/08
DATE EVALUATED: 12/08
PROPOSED FACILITY: 3 BRM
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 0.831
LOCATION OF SITE: 199 Knoxview Ln Mooresville NC 28117
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	SS 0-5%	0-12	Fill		—	48" 48-12= 36" need at least 42" soil	—	—	PS .3
		12-26	RC MF/WFSBk	SS,SP,Fr SExP	many Sap Pond 30" TB +12" below		results in 54" depth 42" TB +00 deep		
		26-48	RY CL WFSBk	SS,SP,Fr SExP					
		60							
B 2	SS 0-5%	0-12	Fill		—	48"	—	—	PS .3
		12-24	RC WFSBk	SS,SP,Fr SExP	many Sap				
		24-48	RY CL WFSBk	SS,SP,Fr SExP					
		60							
B 3	SS 0-5%	0-6	B SCL WFSBk	SS,SP,Fr SExP	—	40"	—	40"	PS .25 to 40"
		6-40	RC WFSBk	SS,SP,Fr SExP	com YB + Sap				
		40"	AR Rock						
B 4	SS 0-5%	0-4	B SL Gr	SS,SP,Fr SExP	—	48"	-	-	PS .25-.275
		4-36	RC MMABk/SBk	SS,SP,Fr SExP	few YB				
		36-48	R CL MMSBk	SS,SP,Fr SExP	few Sap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Pressure Man. Fold PP	PS LP 25% Red.
Site LTAR	0.3	0.25

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ALP + SAR
OTHER(S) PRESENT: None

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
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DIVISION OF ENVIRONMENTAL HEALTH

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

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	
B	SS	0-10	LB SL Gr	SS, SP, Fr SExP	—	47"	—	—	PS
5	0-5%	10-29	RC MFABk	SS, SP, Fi SExP	few YB, few mn				
		29-47	R CL WMSBk	SS, SP, Fr SExP	few YB, few Sap				.25

COMMENTS: ____________