for ON-SITE WASTEWATER SYSTEM

OWNER: John McBride — APPLICATION DATE: 12-11-15
ADDRESS: 491 Brumley Rd — DATE EVALUATED: 12-16-15
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480 gal/day — PROPERTY SIZE: _____
LOCATION OF SITE: 491 Brumley Rd. Mooresville — PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____ TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

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	Toe Slope 9%	0-26	Sandy clay loam weak SBK	Friable Slightly SS,SP,Soap	—	—	—	—	0.275
		26-46	Sandy clay weak SBK	Slightly Firm, SS,SP,Soap					
		Light 10YR 4/4 mottles		@ 45"+					
2	Toe Slope 4%	0-5	Sandy Clay Loam weak SBK	Slightly friable, SS,SP,Soap	—	46	—	—	0.3
		5-38	Clay med SBK	Slightly Firm, SS,SP,Soap					
		38-46	Clay Loam SBK-mod	Friable Everyd, SS,SP,Soap					
		46-48	massive loamy saprolite	Very Friable + moderately drained					
3	Toe Slope 9%	0-14	Clay Loam weak SBK	Slightly Friable SS,SP,Soap	Common→ Abundant SAP inclusions 35"+ to 48"	—	—	—	0.275
		14-43	Clay weak SBK	Slightly Firm, SS,SP,Soap					
		43-48	Clay Loam SBK (weak	Slightly Friable, SS,SP,Soap					
4	Toe Slope 7%	0-22	Sandy Clay Loam with SBK	Friable, SS,SP,Soap	—	—	—	—	0.275
		22-48	Sandy Clay medium SBK	Slightly Firm, SS,SP,Soap					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes 110 LF	Yes 110 LF
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: _____

COMMENTS: _____

$L_1 = 94'$ [red]
$L_2 = 16'$ [pink]

AH3
AH4
AH2
AH1
5'
91'
94'
76'
83'
100'
36'
Radius
103' radius
78'
16'
24'
7'
76'
107
109
114
127
272' to well house
14'
23'
27'
31'
33'
Driveway