DHHS

ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Deborah Malonzo — APPLICATION DATE: 4-18-16
ADDRESS: 2241 Perth Rd. Mooresville — DATE EVALUATED: 6/8/2016
PROPOSED FACILITY: 4BR House — PROPOSED DESIGN FLOW (.1949): 480 gal/day — PROPERTY SIZE: 1.0 acres
LOCATION OF SITE: 2241 Perth Rd Mooresville — 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
1		0-8	SCL w/SBK	SL Friable, SS, SP, SExP	Faint Y/B mottles @32-38"	48	-	—	0.275 PS
		8-48	R clay w/ABK/SBK w/SAP, inclusions	Sl. Firm SS, SP, SExP 40-48"					
2		0-13	Clay Loam/SCL w. SBK	SL Friable, SS, SP, SExP	—	48	—	—	0.325 PS
		13-37"	Clay + Clay Loam w. SBK	Firm (slight) SS, SP, SExP					
		37-48	Clay Loam w. SBK	Friable, SS, SP, SExP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		244 LF of the 436 required
System Type(s)		25% Reduction
Site LTAR		0.275

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

COMMENTS: ____

3/4 SCH 80 L_6 (pink) = 69' Bl. Slope

" " " L_5 (blue) = 78

" " " L_4 (Pink) = 74'

1½" SCH 40 L_3 (Blue) = 52

3/4" SCH 80 L_2 (Pink) = 39'] Connect to 71'

L_1 (Blue) = 32']

344 L.F.

