DHHS

ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jake Sherrill APPLICATION DATE ___
ADDRESS: 600 E. Monbo Rd. Statesville DATE EVALUATED: 10-12-16
PROPOSED FACILITY: 2BR House PROPOSED DESIGN FLOW (.1949): 240 GPD PROPERTY SIZE: 19.585 acres
LOCATION OF SITE: 600 East Monbo Rd Statesville 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
2	HS	0-14	Clay v.v. sbk	sl. Firm, ss, sp, sexp	—	38"	—	—	0.35 [Deep] PS
		14-42	clay Loam (sbk) + Saprolite + cobbles [10YR 5/8]	sl. Friable, ss, sp, sap					
		42-70	MA Sandy Saprolite	Very Friable + Well Drained					
3	HS	0-12	Loam + w/ sbk Clay	sl. Firm, ss, sp, sexp	—	31"	—	45"	0.225 PS
		12-31	Clay Loam w/ sbk + mixed cobbles 28"-35"	sl Firm, ss, sp, sexp					
		31-45"	+ Saprolite [10YR 5/8] Loamy MA Saprolite [Deconsolidated]	moderately Drained + Friable					
		45-68	mixed cobbles + loamy saprolite						
3	LSS 25% Prim. land	0-10	Loam v. weak sbk	sl. Friable, ss, sp, sap	—	29"	—	—	0.3 PS
		10-22	clay (w/ sbk)	sl. Firm, ss, sp, sap					
		29-62"	MA Saprolite Eloamy	Moderately Friable + Drained					
		22-29	clay Loam [10YR 5/8] (w/ sbk)	sl. Fri, w, ss, sp, sap					
4	25% Prim. land	0-6	Loam v. weak sbk	sl. Friable, ss, sp, sap	—	77	—	—	0.3 PS
		6-33	R. Clay w. sbk clay	sl. Firm, ss, sp, sap					
		33-77	R. clay Loam w. sbk	sl. Friable, ss, sp, sap					
			+ Sandy Saprolite 60"-77" [10YR 5/8]						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		Ok
System Type(s)	25% Reduction	Drip
Site LTAR	0.30	0.10

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: ___

COMMENTS: ___

creek
House
survey Stake
53'
28'
38'
41'
Ex Barn 34
Deck
Repair Area
L1 (B) 50'
L2 (R) 82'
L3 (P) 78'
L4 (B) 30'
240
27% Slope
Road (logging)
L1 (B)
L2 R
L3 P
L4 B
19'
36'
30'
20'
154'
Drop
29% Grade