DHHS

ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Americas Home Place — APPLICATION DATE 4-15-16
ADDRESS: ~~131 Leah Lane~~ 1206 Greenland Drive — DATE EVALUATED: 6-7-16
PROPOSED FACILITY: 480 GPD — PROPOSED DESIGN FLOW (.1949): 4 BR House — PROPERTY SIZE: 1.78 acres
LOCATION OF SITE: 131 Leah Lane Troutman — 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 AB	LS 6%	0-25	Clay m. SBK	SI. Firm, SS, Sp, Sap	—	48"	—	—	0.325 PS
		25-48	Clay Loam w. SBK	SI. Friable, SS, Sp, Sap					
2 AB	LS 6%	0-14	SCL w/gravel m. SBK	SI. Friable, SS, Sp, Sap	—	40?	—	—	0.30 Need pits
		14-40	Clay m. SBK	SI. Firm, SS, Sp, Sap					
		40-48	Loamy Saprolite? massive	Friable, moderate draining					
2A pit 6-9-16	LS 6%	0-18	SCL w/gravel w. SBK	SI Friable, SS, Sp, Sap	—	60"+	—	—	0.3
		18-40	R. Clay w. ABK/SBK	SI. Firm, SS, Sp, Sap					
		40-60	R. Clay Loam w. SBK micA	SI Friable, S, Sp, Sap					
			Csome Sap inclusions 44"-60"						
1A pit	LS 6%	0-28	R. Clay w/mod SBK	SI Firm, SS, Sp, Sap	—	56"	—	—	0.325
		28-56"	R. Clay Loam w/SBK	SI. Friable, SS, Sp, Sap					
			some SAP inclusions						
			42-50" w/ Mica						

over

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	400
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.30	0.30

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

COMMENTS: ____

3)	0-40"	R Clay m/SBK	Sl Firm SS, SP, Sexp	0.3 PS
Repair LC	40-55"	R Clay Loam m/SBK	Sl Friable SS, SP, Sexp	
6%	6%	Qtz cobbles @ 50"		
4)	0-33	R Sandy Loam w/SBK + Granular	Friable, SS, SP, Sexp	0.3 PS
Repair LS	33-60	R Clay w/SBK	Sl Firm, SS, SP, Sexp	
6%		Qtz cobbles (angular) @ 50"		
5	0-8	R SCL w/SBK		0.325
Repair	8-28	clay		
LS	28-42	clay Loam w/SBK w/Sal. inducing	Friable	
6%	42-62"	Saprolitic (mafic)	Loamy, well drained	

L_1 (Pink) 3 5,5'
L_2 (D) 4 165'
L_3 (Pink) 66'
L_4 Blue = 5,3 86'
L_5 Pur = 5,6 96'
L_6 Blue = 6,6 102'

