DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Lloyd Sain
ADDRESS: 430 Pineville Rd. Statesville
PROPOSED FACILITY: 2BR House PROPOSED DESIGN FLOW (.1949): 240 GPD
LOCATION OF SITE: 430 Pineville Rd. Statesville

APPLICATION DATE 11/23/16
DATE EVALUATED: 12/7/16
PROPERTY SIZE: 7.00 acres
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	Less than 1% LS Summit	0-6	SCL w SBK	SI. Firm, SS, SP, Sexp	—	48	—	—	0.275 PS
		6-45	Clay + mica moderate SBK	SI. Firm, Sticky, Sp, Sexp					
		45-48	Clay Loam W. SBK + some Sandy Saprolite	SI. Friable, SS, SP, Sexp					
2	LSS Shoulder	0-5	SCL W. SBK	SI. Firm, SS, SP, Sexp	—	48	—	—	0.375 PS
		5-37	R. Clay + mica moderate SBK	SI. Firm, SS, SP, Sexp					
		37-4	R. Clay Loam W. SBK + Abundant Saprolite Sandy	Friable, SS, SP, Sexp					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		218'
System Type(s)		25% reduction
Site LTAR		0.275

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

COMMENTS: ___

Tank Top 5.80

Ground Above Tank 5.23

5.43 L_1 R : 42'

5.18 L_2 P : 74'

4.97' L_3 R : 58

4.87' L_4 P : 44'

218

1% Slope

5.43 => 8.43 2.63 difference

