DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Marjorie Cartner
ADDRESS: 2258 old Mocksville Rd. Statesville
PROPOSED FACILITY: 2BR House
PROPOSED DESIGN FLOW (.1949): 240 GPD
LOCATION OF SITE: 101 Vaughn Mill Rd. Statesville
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE 11/3/16
DATE EVALUATED: 11/8/2016
PROPERTY SIZE: 21.36
PROPERTY RECORDED: Yes

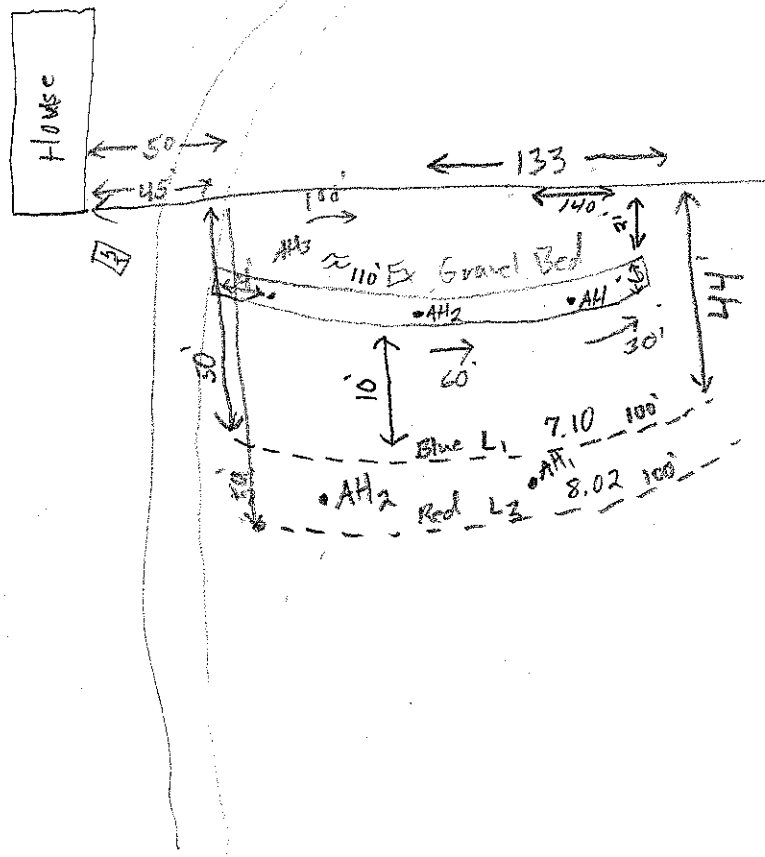
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LSS 10%	0-10	SCL, WSBK	VFR, SS, SEXP		48"	SAP Inc @ 30" many SAP Inc @ 43"		PS .3
		10-43	C, SBK, ABK	FR, SS, SEXP					
		43-48	CL, WSBK	VFR, SS, SEXP					
2	LSS 10%	0-9	SCL, WSBK	FR, SS, SEXP		48"	MnInc @ 29" SAPInc @ 35"		PS .3
		9-35	C, ABK/SBK	FR, SS, SEXP					
		35-48	CL, SBK	FR, SS, SEXP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		200%
System Type(s)		25% reduction
Site LTAR		0.30

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

COMMENTS: Somewhat dry gravels w/ no redox in field. May simply require conveyance line pipe be replaced

910-684-0654



AH_1 26" to Gravels
no redox
slightly moist

AH_2 16" to Gravels
slightly moist
no redox

AH_3 22" to gravels
moist
no redox
Same pale yellow/brown

10.2% slope