DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4678-05-1666
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Lennie & Craig Lyon — APPLICATION DATE 5-28-15
ADDRESS: 1164 Mt. Ulla Hwy, Mooresville NC — DATE EVALUATED: 5-29-15
PROPOSED FACILITY: 3 Bedroom — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: 1.0 ac
LOCATION OF SITE: 1164 Mt. Ulla Hwy — 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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	LSS 5%	0-8	RB SCL/CL WFSBK	Fr SS SP SE SP	many sap, com feldspar few Heavy Clay veins	48"	-	-	PS .35
		8-18	R C L WFABK	Fr S SP SE SP					
		18-48	YR CL WFSBK	Fr SS SP SE SP					
B 2	LSS 4%	0-9	BR CL WFSBK	Fr SS SP SE SP	com mica few YB 20-28" few feldspar, few sap				PS .25<24" .3-.35>24"
		9-24	R C MFABK	Fi S P SE SP	few heavy clay veins com feldspar, com sap, com mica				
		24-42	R CL WFSBK	Fr SS SP SE SP	Com sap, com mica, few feldspar	48"	—	—	
		42-48	YR CL WFSBK	Fr SS SP SE SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		BPJ
System Type(s)		Gravity 25% Red
Site LTAR		0.35

OTHER FACTORS (.1946): BPJ
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ACP
OTHER(S) PRESENT: None

COMMENTS: BPJ used, 3 ft short of full system. Couldn't get 4' to 4'.



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47
45
44
43
41
34 / 254

3 D-52
O-50
W-46
G-48'
O-46'
O-39 / 293

22' from tank to top line
32' from tank to 2nd line
25" to top of outlet side of tank