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

Sheet 1 of 2
PROPERTY ID #: 4715537229
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Frank Palmer
ADDRESS: 883 East Monbo Rd Statesville NC 28677
PROPOSED FACILITY: 4 Bdrm
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: Woodbridge Estates Lot 26
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut

APPLICATION DATE
DATE EVALUATED: 7-8-2011
PROPERTY SIZE: 0.93 ac
PROPERTY RECORDED: Yes

TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 29	LSS 8%	0-4	B SCL Gr	SS,SP,FrSExP	com gravel	48"	-	-	PS .3
		4-35	R C WFSBk	SS,SP,FrSExP	com mica				
		35-48	R CL WFSBk	SS,SP,FrSExP	few sap, many mica				
B 30	LSS 20%	0-4	B SCL Gr	SS,SP,FrSExP	com gravel	28"	PS	-	PS .35
		4-18	R C WFSBk	SS,SP,FrSExP	few mica				
		18-28	R Y CL WFSBk	SS,SP,FrSExP	com sap				
		28-48	Var SL Sap M	SS,SP,FrSExP					
P 4	SS 20%	0-18	R C MMSBk	SS,SP,FrSExP	-	28"	PS	-	PS .35
		18-28	R YCL WFSBk	SS,SP,FrSExP	com sap				
		28-65	Var SL Sap M	SS,SP,FrSExP					
B 22	SS 9%	0-48	R CL WFSBk	SS,SP,FrSExP	few/com sap	48"	-	-	PS .35

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red Conv.	LPP BPS
Site LTAR	0.35 gpd/sq ft	0.3 gpd/sq ft

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4715537294
DATE OF EVALUATION: 7-8/2011
COUNTY: Iredell

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
B	LSS	0-3	B L Gr	SS, SP, Fr SExP	-	7"	PS	-	PS
		3-7	YR CL wFSBk	SS, SP, Fr SExP	Com Sap				
31	20%	7-48	Var FSL Sap M	SS, SP, Fr SExP					.4-.45
P	SS	0-9	YR CL wFSBk	SS, SP, Fr SExP	Com Sap	9"	PS	-	PS
5	20%	9-70	Var SL Sap Mass	NS, NP, Fr NExP					.45-.5

COMMENTS: _____