ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4730202169
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jeffery Archer
ADDRESS: Mooresville, NC
APPLICATION DATE
PROPOSED FACILITY: 4 bdrm
PROPOSED DESIGN FLOW (.1949): 480 GPD
DATE EVALUATED:
LOCATION OF SITE: Falls Cove 634-636
PROPERTY SIZE: 5.1 AC
WATER SUPPLY: ☐ Private ☒ Public ☒ Well ☐ Spring ☐ Other
PROPERTY RECORDED:
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
PIT 1	LS 7%	0-5	Br SCL WSBK	FR SS SP	YBs/Mn	53"	N/A	N/A	PS 0.25
		5-40	R C ABK/SBK	FR SS SP					
		40-53	R CL WSBK	FR SS SP	Mn				
PIT 2	LS 10%	0-10	Br SCL	FR SS SP	YB/Mn @ 32"	64"	N/A	N/A	PS 0.25
		10-54	R C SBK/ABK	FR SS SP					
		54-64	R CL WSBK	FR SS SP	No YBs/Mn				
PIT 3	LS 12%	0-22	R C ABK	FR SS SP	N/A	75"	Few SAP	N/A	PS 0.3-0.275
		22-48	R CL WSBK	FR SS SP					
		48-75	VER SL SAP M	VFR SS SP			PS		
PIT 4	LS 12%	0-12	Br SCL WSBK	FR SS SP	YBs/Mn	60"	N/A	N/A	PS 0.2-0.225
		12-24	YB SC WSBK	FR SS SP					
		24-41	R C ABK	FR SS SP	YBs/Chr 3				NOT IN SYSTEM AREA
		41-60	R CL WSBK	FR SS SP					
					No YB				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1440 FT2	
System Type(s)	25% Reduction	
Site LTAR	0.25	

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: M A & Associates
OTHER(S) PRESENT:

COMMENTS:

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4730202169
DATE OF EVALUATION:
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
P 5	LS 7%	0-16	YB SCL WSBK	FR SS SP	Com YB/Mn CHR 2 @ 40"	40"	N/A	N/A	PS 0.2 NOT IN SYSTEM AREA
		16-40	RY C WABK	FR SS SP					
P 6	LS 7%	0-8	FILL		Few Mn YBs CHR 2 @ 40"	40"	N/A	N/A	PS 0.25 NOT IN SYSTEM AREA
		8-33	RBr CL WSBK	FR SS SP					
		33-40	R C SBK	FR SS SP					
P 7	LS 7%	0-36	R C ABK	FR SS SP	Few YB No YB	62"	Com SAP	N/A	PS 0.3-0.25
		36-62	R CL WSBK	FR SS SP					
P 8	LS 12%	0-5	Br SCL WSBK	FR SS SP	N/A	75"	N/A	N/A	PS 0.3-0.25
		5-43	R C ABK	FR SS SP					
		43-75	R CL WSBK	FR SS SP					
AB 1	LS 7%	0-12	Br SCL WSBK	FR SS SP	Few YB No YB	50"	F-C SAP	N/A	PS 0.3-0.25
		12-40	R C SBK	FR SS SP					
		40-50	R CL WSBK	FR SS SP					

COMMENTS: