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

Sheet 1 of 1
PROPERTY ID #: 3792463938
COUNTY: Iredell

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

OWNER: Tom Cazote
ADDRESS: 5926 Cazote Rd
PROPOSED FACILITY: 3BR SFD
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 109 Ridge Valley Dr.
APPLICATION DATE: 5-28-14
DATE EVALUATED: 6-23-14
PROPERTY SIZE: 4.31 acres
PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☐ ~~Public~~ ☐ Well ☐ Spring ☐ Other N/A
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	14% HS	0-5	BSCL SBK	Fr Mod SE	48"	48"	48"	48"	PS 0.225
		5-38	C SBK	Fi SlSP Mod SE					
		38-48	CL WSBK	Fr Mod SE					
		some	Y/B Mottles in						
		BC	horizon						
2	14% HS	0-4	BSCL SBK	Fr Mod SE	48"	48"	48"	48"	PS 0.25
		4-30	C SBK	Fi Mod SE					
		30-48	CL WSBK	Fr Mod SE					
3	10% HS	0-5	BSCL SBK	Fr Mod SE	48"	48"	48"	48"	PS 0.25
		5-35	C SBK	Fi Mod SE					
		35-48	CL WSBK	Fr Mod SE					
4	11% HS	0-6	BSCL SBK	Fr Mod SE	48"	48"	48"	48"	PS 0.25
		6-34	C SBK	Fi SlSP Mod SE					
		34-48	BC CL WSBK	Fr Mod SE					
		Y/B	Mottles in	BC					
			horizon						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	II	II
Site LTAR	0.225	0.25

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Justin Henderson
OTHER(S) PRESENT: N/A

COMMENTS: N/A

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

Sheet 1 of 1
PROPERTY ID #: 3792477059
COUNTY: Iredell

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

OWNER: Capote B Hrs
ADDRESS: 5426 Capote Rd
PROPOSED FACILITY: 4BR SFD
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 109 Ridge Valley Drive
APPLICATION DATE: 7-18-14
DATE EVALUATED: 7-23-14
PROPERTY SIZE: 4.137 acres
PROPERTY RECORDED: yes
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other N/A
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	13% SL/B/WA HS	6-10	BSCL SBK	Fr Mod SE	>48" 2.5Y 7.6	>48"	>48"	>48"	PS 0.275
		10-34	C SBK	Fr Mod SE					
		34-48	BCCL WSBK	Fr Mod SE					
			Y/B Mottles						
2	10% SL/B/WA HS	0-24	SC SBK	Fr Mod SE	>48"	>48"	>48"	>48"	PS 0.275
		24-48	C SBK	Fr Mod SE					
3	5% L	0-7	BSCL SBK	Fr Mod SE	>48"	>48"	>48"	>48"	PS 0.275
		7-29	C SBK	Fr Mod SE					
		29-48	BCCL WSBK	Fr Mod SE					
4	6% L	0-10	BSCL SBK	Fr Mod SE	>43"	43"	43"	43"	PS 0.275
		10-21	C SBK	Fr Mod SE					
		21-43	BCCL WSBK	Fr Com Sag Incl Mod SE					
		43	SAP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	III
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Justin Anderson
OTHER(S) PRESENT: N/A

COMMENTS: N/A