DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 481027468O
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Michael Nevers — APPLICATION DATE: 2-6-13
ADDRESS: 136 Mitchell Trail — DATE EVALUATED: 2-14-13
PROPOSED FACILITY: 2 BR SFD — PROPOSED DESIGN FLOW (.1949): 240 gpd — PROPERTY SIZE: 4.1 acres
LOCATION OF SITE: Cattlemans Rd. — PROPERTY RECORDED: yes
WATER SUPPLY: • Private • Public • Well • Spring • Other W/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	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
1	10% L	0-4	SC SBK	Fr Mod SE	>48"	30"	30"		Need Pits
		4-30	C micaSBK	Fr Mod SE					
		30-48	SAP						
2	6.5% L	0-20	C micaSBK	Fr SS Mod SE	>48"	26"	26"		Need Pits
		20-26	CL SAP micaSBK	Fr Mod SE					
		26-48	SAP						
3	6% L	0-15	SC SBK	Fr Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		15-48	C micaSBK	Fr Mod SE					
4	8% L	0-24	C micaSBK	Fr Mod SE	>48"	24"	24"		Need Pits
		24-48	SAP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
* Available Space (.1945)		
System Type(s)	Need Pits	
Site LTAR		

OTHER FACTORS (.1946): SAP → Need Pits
SITE CLASSIFICATION (.1948):
EVALUATED BY: Justin Henderson
OTHER(S) PRESENT: Michael Nevers

COMMENTS: N/A

DENR/DEH

ON-SITE WASTEWATER SECTION

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Sheet 1 of 2
PROPERTY ID #: 4810279680
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Michael Nevers
ADDRESS: 136 Mitchell Trail
PROPOSED FACILITY: 2BR SFD
PROPOSED DESIGN FLOW (.1949): 240gpd
LOCATION OF SITE: Cattlemans Rd.
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 2-6-13
DATE EVALUATED: 2-15-13
PROPERTY SIZE: 4.1 acres
PROPERTY RECORDED: Yes
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
1	5% L	0-8	SC SBK	Fr Mod SE	+60"	28"	28"	28"	PS 0.2
		8-28	C ABK	Fr SS/SP Mod SE					
		28-60	SAP CL Gr	Fr Mod					
2	8% L	0-23	SC SBC	Fr SS/SP Mod SE	+52"	+52"	+52"	+52"	PS 0.25
		23-52	C mica ABK	Fr SS/SP Mod SE					
3	8% L	0-8	SC SBK	Fr Mod SE	+48"	45"	45"	45"	PS 0.25
		8-28	C mica ABK	Fr Mod SE					
		28-45	CL mica WABK	Fr Mod SE					
		45+	SAP CL						
4	7.5% L	0-13	SC SBK	Fr Mod SE	+60"	+60"	+60"	+60"	PS 0.25
		13-43	C mica ABK	Fr SS/SP Mod SE					
		43-60	CL mica WSBK	Fr Mod SE					

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

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Justin Rhodes
OTHER(S) PRESENT: Daily Madison, Mike Nevers

COMMENTS: TB @ 33" N/A

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 2 of 2
PROPERTY ID #: 4810274680
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Michael Nevers
ADDRESS: 136 Mitchell Trail
PROPOSED FACILITY: 2BR SFD
PROPOSED DESIGN FLOW (.1949): 240 gpd
LOCATION OF SITE: Cattlemans Rd.
WATER SUPPLY: • (Private) • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • (Pit) • Cut
TYPE OF WASTEWATER: • (Sewage) • Industrial Process • Mixed

APPLICATION DATE 2-6-13
DATE EVALUATED: 2-15-13
PROPERTY SIZE: 4.1 acres
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	10% L	0-11	SL SBK	Fr mod SE	>60"	>60"	>60"	>60"	PS 0.25
		11-43	C ABK	Fi SS SP mod SE					
		43-60	CL WABK	Fr mod SE					
2									
3									
4									

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

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

COMMENTS: N/A