DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4747295603
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Dixieland Inc
ADDRESS: 133 Redemption Rd.
PROPOSED FACILITY: 3BR SFD
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 153 Sundance Circle.
WATER SUPPLY: • Private • (Public) • Well • Spring • Other N/A
EVALUATION METHOD: • (Auger Boring) • Pit • Cut
TYPE OF WASTEWATER: • (Sewage) • Industrial Process • Mixed

APPLICATION DATE: 3-12-14
DATE EVALUATED: 4-8-14
PROPERTY SIZE: .064 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
1	17% NS	0-11	BSC SBK	Fr SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		11-30	C micaSBK	Fr SS/SP Mod SE					
		30-48	CL micaSBK	Fr Mod SE					
2	10% NS	0-22	C micaSBK	Fr SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		22-48	CL micaWSBK	Fr Mod SE					
3	6% NS	0-12	SCL SBK	Fr Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		12-34	C micaSBK	Fr Mod SE					
		34-38	CL micaWSBK	Fr Mod SE					
4	6% NS	0-8"	Fill		>48"	>48"	>48"	>48"	PS 0.225
		8-28	C 1/2B mottSBK	Fr Mod SE					
		28-48	CL 1/2B mottWSBK	Fr Mod SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	~~HI~~	TV
Site LTAR	0.3	0.225

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

COMMENTS: N/A

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Sheet 2 of 2
PROPERTY ID #: 4747295603
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Dixieland Inc.
ADDRESS: 133 Redemption Rd
PROPOSED FACILITY: 3BR SFD
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 153 Sundance Cir
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut
APPLICATION DATE 3-12-14
DATE EVALUATED: 5-30-14
PROPERTY SIZE: .64 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	10% NS	0-14	Fill		+50"	+50"	+50"	+50"	PS 0.225
		14-34	C micaceous SEC	F, Mod SE					
		34-50	CL micaceous SEC	F, Mod SE					
6	10% NS	0-25	Fill		US	US	US	US	US
7	10% NS	0-8	Fill		+48"	+48"	+48"	+48"	PS 0.275
		8-32	C micaceous SEC	F, Mod SE					
		32-48	CL micaceous SEC	F, Mod SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	IIA	IV
Site LTAR	0.3	0.275

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

COMMENTS: N/A