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DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4843 7410 77
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Union Grove Vol. Fire Depart. APPLICATION DATE 11-20-12
ADDRESS: 1869 W Memorial Hwy Union Grove DATE EVALUATED: 12-18-12
PROPOSED FACILITY: Fire Department PROPOSED DESIGN FLOW (.1949): 800 gpd PROPERTY SIZE: 9.965 acres
LOCATION OF SITE: Memorial Hwy W Union Grove NC 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	4% NS	0-30	C SBK	Fi SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		30-48	CL SBK	Fr SS/SP Mod SE					
2	3.5% NS	0-32	C mica SBK	Fi SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.25
		32-48	CL mica WSSBK	Fr Mod SE					
3	5% NS	0-29	C SBK	Fi Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		29-48	CL mica WSSBK	Fr Mod SE					
4	4% NS	0-35	C SBK	Fi Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		35-48	CL mica SBK	Fr Mod SE					

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

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

COMMENTS: N/A