DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 *of* ____
PROPERTY ID #: _____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Joe Nemechek APPLICATION DATE 11/05
ADDRESS: 195 Knoxview Lane Mooresville, NC 28117 DATE EVALUATED: 11/05
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 720gpd PROPERTY SIZE: 15ac
LOCATION OF SITE: 662 Langtree Road PROPERTY RECORDED: yes
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Linear 5-10%	0-22	RBC MFSBK	FRI SSSP SEXP	N/A	48"	N/A	N/A	PS .25 GPD/FT2
		22-48	RC MFABK/SBK	FRI SSSP SEXP					
				MANGANESE INC.					
				YB MOTELS					
2	Linear 5-10%	0-18	RBCL MFSBK	FRI SSSP SEXP	N/A	48"	N/A	N/A	PS .25 GPD/FT2
		18-35	RBC MFABK	FRI S P SEXP					
		35-48	RYC WFABK	FRI SSSP SEXP					
				YB MOTELS					
				MANGANESE					
3	Linear 5-10%	0-24	RBC MFSBK	FRI SSSP SEXP	N/A	48"	N/A	N/A	PS .25 GPD/FT2
		24-42	RBC MFABK	FRI SSSP SEXP					
		42-48	RYC WFABK	FRI SSSP SEXP					
				YB MOTELS					
				FEW SAP					
4	Linear 5-10%	0-23	BRC SBK	FRI S P SEXP	N/A	48"	N/A	N/A	PS .25 GPD/FT2
		23-48	RBC MFABK	FRI S P SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	2160 FTSQ	1100 FTSQ
System Type(s)	ACCEPT.	PPBPS
Site LTAR	.25 GPD/FT2	.25 GPD/FT2

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Rollans Soil & Environmental Services
OTHER(S) PRESENT: _____

COMMENTS: _____