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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: IREDELL GROUP APPLICATION DATE 12/05
ADDRESS: 109-C WILLIAMSON ROAD MOORESVILLE DATE EVALUATED: 12/05
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 3.12 AC
LOCATION OF SITE: LOT 45 WALDEN RIDGE PROPERTY RECORDED: Y
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) .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
45 A 1	LINEAR 15-20%	0-10	BSCL MFSBK	FRI SS SP SEXP	N/A	63	PS	N/A	PS .3 GPD/FTSQ
		10-32	RC SBK	FRI SS SP SEXP					
		32-63	RCL MFSBK	FRI SS SP SEXP					
45 B 2	LINEAR 15-20%	0-5	BSCL MFSBK	FRI SS SP SEXP	N/A	30	PS	N/A	PS .3 GPD/FTSQ
		5-17	RYC MFSBK	FRI SS SP SEXP					
		17-30	RYCL WSBK	FRI SS SP SEXP					
		30-59	V LSAP MASS	FRI SS SP SEXP					
45 C 3	LINEAR 15-20%	0-12	BSCL MFSBK	FRI SS SP SEXP	N/A	48	PS	N/A	PS .3 GPD/FTSQ
		12-36	RC SBK	FRI SS SP SEXP					
		36-48	RCL MFSBK	FRI SS SP SEXP					
4	12-14-05 23% L	0-3	vfsbk loamy sand	fri ss sp					.25-.3
		3-26	mfsbk sandy clay loam	fri sp sexp					
		26-56	wksbk sandy clay loam	fri sp sexp firm					
			loamy chroma mottles begin at 48"						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 SQFT	540 SQFT
System Type(s)	ACCEPT	PPBPS
Site LTAR	.3 GPD/FTSQ	.3 GPD/FTSQ

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ROLLANS SOIL & ENVIRONMENTAL SERVICES
OTHER(S) PRESENT: _____

COMMENTS: _____