DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ONSITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: MIKE RYON APPLICATION DATE 1/06
ADDRESS: 127B Promenade Dr. Mooresville, NC 28117 DATE EVALUATED: 12/05
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: KNOX HAVEN LOT 2 PROPERTY RECORDED: N
WATER SUPPLY: ☐ Private X Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: X Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	
2A	LINEAR 5%	0-32	RC SBK/ABK	FRI SSSP SEXP	N/A	48"	N/A	N/A	PS .3GPD/FT2
		32-48	RCL MFSBK	FRI SSSP SEXP					
2B	LINEAR 5%	0-16	BSCL WSBK	FRI SSSP SEXP	N/A	49"	N/A	N/A	PS .3GPD/FT2
		16-49	RC SBK/ABK	FRI SSSP SEXP					
2C	LINEAR 5%	0-36	RC SBK/ABK	FRI SSSP SEXP	N/A	48"	N/A	N/A	PS .3GPD/FT2
		36-48	RCL MFSBK	FRI SSSP SEXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1290 sqft	804 sqft
System Type(s)	25% RED	PPBPS
Site LTAR	.3GPD/FT2	.3GPD/FT2

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

Approved 7-23-10 gm REHS

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: ____________
DATE OF EVALUATION: ____________
COUNTY: ____________

Knox Haven Lot 2

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
B 1	SS 6-5%	0-28	RC MFSBK	SS, SP, Fr SExP	–	48"	–	–	PS .3
		28-48	R CL WFSBK	SS, SP, Fr SExP	Con sap				
B 2	SS 5-10%	0-34	R C MFSBK	SS SP, Fr SExP					PS .3
		34-48	R CL WFSBK	SS, SP Fr SExP	– Fc sap	48"	–	–	

COMMENTS: