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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: CRI APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 34 Lake Forest PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	~4%	0-2	(O) litter layer						
		2-19	m Loam RC	fr ss sp	Pale mi sap				.3
		19-55	wk Loam RC yel	fr ss sp					
2		0-4	gr sa L	fr ss sp					
		4-30	m PBS RC	fr SS SO sp					.3
		30-58	m wk Yel	fr ss sp					
3	MT	0-9	gr sa L	fr ss so p					
		9-46	m pale-yel RC/Hor	fr ss so p					.3
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Pm 25% Red	Pm 25% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): B
EVALUATED BY: DRH
OTHER(S) PRESENT: Paul Pennington

COMMENTS: On paper - appears space for Conv sys. - once cleaned up - maybe so -

Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:

Date Evaluated: 8/10/10

Owner or Client: Mike Testa
Proposed Facility: House
Design Flow: 480 gpd
Property Size:
Location of Site: Lot 34 Farms
Soil Described By: KMS
Others Present: TCT
Site LTAR: Int. Rep.
Antecedent Moisture: Dry
Weather: Sunny 95° F
Site Classification:

Water Supply: [ ] Public [X] Community [ ] On-Site Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY: Structure/ Texture	SOIL MORPHOLOGY: Consistence Mineralogy	PROFILE FACTORS: Inclusions	PROFILE FACTORS: Matrix Color	PROFILE FACTORS: Mottles	PROFILE FACTORS: Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
1	L	0-8	WK SBK SCL	FR SS/SP		Red			0.3
		8-22	Mo SBK C	FR SS/SP		Red			
		22-36	Mo SBK CL	FR SS/SP	F Sap	Red		F Mica	
		36-48	WK SBK CL	FR SS/SP	C Sap	Red		F Mica	
2	L	0-2	Mo GR SL	FR NS/NP		Br			0.3
		2-22	Mo SBK C	FR SS/SP		Red			
		22-52	WK SBK CL	FR SS/SP	F/C Sap	Red			
3	L	0-8	Mo GR SL	FR NS/NP		Red			0.3
		8-26	Mo SBK C	FR SS/SP		Red			
		26-60	WK SBK CL	FR SS/SP	F/C Sap	Red			
4									
5									
6									

OMMENTS: Existing pit assumed to be a 0.3 LTAR based on Previous permit LTAR of 0.3 for the lot