roject #: _____
roperty ID #: _____
County: Iredell

SOIL/SITE EVALUATION

Sheet: _____
Date Evaluated: 4/11/12

Owner or Client: Quinton Gandy
Proposed Facility: House
Location of Site: Lot 324 The Farms
Soil Described By: KMS
Antecedent Moisture: Dry

Design Flow: 480 gpd
Others Present: _____
Weather: 45°F sunny

Property Size: 0.812± Ac
Site LTAR: Int. 0.3 Rep. 0.3
Site Classification: PS

Initial: 25% Reduction (Gravity)
Repair: LP PPBPS

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	Matrix Color	Mottles	Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
1	L 12%	0-14	Mo GR SCL	FR SS/SP		R Br			0.3 PS
		14-30	Mo SBK C	FR SS/SP		Red			
		30-48	WK SBK CL	FR SS/SP	F/C Sap	Red		F Mica	
Pit 2	L 18%	0-11	Mo GR SCL	FR SS/SP		R Br			0.3 PS
		11-36	Mo SBK C	FR SS/SP		Red		F Mica	
		36-48	WK SBK CL	FR SS/SP	F/C Sap	Red		F Mica	
3	L 19%	0-6	Mo GR SCL	FR SS/SP		DK Br			0.3 PS
		6-20	WK SBK C	FR SS/SP		Br	F Mo		
		20-35	Mo SBK C	FR SS/SP		Red			
		35-45	WK SBK CL	FR SS/SP	C Sap	Red		F/C Mica	
		45-48	MA L Sap	FR SS/SP		Multi		C Mica	
4	L 10%	0-5	Mo GR SL	FR NS/NP		DK Br			0.3 PS
		5-18	Mo SBK C	FR SS/SP		Red	F Mo		
		18-33	Mo SBK C	FR SS/SP		Red			
		33-48	WK SBK CL	FR SS/SP	F Sap	Red			
5									
6									

COMMENTS:

Approved ICHD
4-12-12 gm

...E WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

...ER: _____ APPLICATION DATE _____

...RESS: _____ DATE EVALUATED: _____

...POSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____

...ATION OF SITE: 324 Farm Rd 111 PROPERTY RECORDED: _____

...ER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____

...LUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut

...E OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

.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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
	0-11	BSCL WSOM	SS SP fr;					
	11-24	BSC SOM/MOK	SSP fr;	Mn concretions 11-24				PS .3
	24-45	RC SMM	SSP fr;					
	45-60	RCL WSMM	SSSP fr;					
	0-13	RC ANM	fr; SSSP					
	13-30	RCL SMM	fr; SSSP					PS .3
	30-50	LSAP WSOM	fr; SSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
...ailable Space (.1945)		
...tem Type(s)		
...		

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____

OTHER(S) PRESENT: _____

...MENTS: _____