Permit #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 4/20/11

Owner or Client: Woodbridge Partners
Proposed Facility: House — Design Flow: 600 gpd
Location of Site: Fern Leaf Lot 33
Soil Described By: KMS — Others Present: D. Koehler
Antecedent Moisture: dry — Weather: 77°F sunny

Property Size: 8.111 Ac
Site LTAR: Int. 0.3 Rep. 0.3
Site Classification: PS

Initial & Repair
25% Reduction

Water Supply: [ ] Public [ ] Community [X] On-Site Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] 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 6%	0-4	Mo GR SCL	FR SS/SP		Red			PS 0.3 pit
		4-18	Mo SBK C	FR SS/SP	F Mica	Red			
		18-30	WK SBK CL	FR SS/SP	F/C sap	Red			
		30-48	MA L sap	FR SS/SP	F CL inc	Yel Red			
2	L 12%	0-3	MA C	VFi SS/SP		Red		Compacted	PS 0.3 pit
		3-15	Mo SBK C	FR SS/SP	F sap	Red			
		15-26	WK SBK SCL	FR SS/SP	C sap	Red			
		26-32	MA SL sap	FR SS/SP		Yel Red			
		32-53	MA L sap	FR SS/SP		Red			
3	L 8%	0-12	Mo SBK C	FR SS/SP	F/C sap	Red			PS 0.3 pit
		12-22	WK SBK SCL	FR SS/SP	C sap	Red			
		22-48	MA L sap	FR SS/SP		Red			
4	L 6%	0-3	Mo GR L	FR SS/SP		Br			PS 0.3 AH
		3-23	Mo SBK C	FR SS/SP		Red			
		23-48	WK SBK CL	FR SS/SP	F sap	Red			
5 (9/12/11)	L 6%	0-12	WK SBK SCL	FR SS/SP		Br			0.3 AH
		12-33	WK SBK CL	FR SS/SP	C SAP	Red			
		33-60	MA L sap	FR SS/NP		Yel Red			
6 (9/12/11)	L 6%	0-9	MA C	VFi SS/SP		Red	Compacted		0.3 pit PS
		9-37	Mo SBK C	FR SS/SP		Red			
		37-53	WK SBK CL	FR SS/SP	C sap	Red			
		53-72	MA L sap	FR SS/SP		Multi			

COMMENTS:

Approved 9-16-11
gm

9/12/11 L 8%
0 - 9 MA C VFi SS/SP Red
9 - 17 Mo SBK C FR SS/SP F sap Red
17 - 42 WK SBK CL FR SS/SP C sap Red yel
42 - 63 MA L Sap FR SS/SP multicolored
0.3
* install deeper b/c of compaction