Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 8-15-12

Owner or Client: Michael Gandy
Proposed Facility: House Design Flow: 480
Location of Site: Lot 16
Soil Described By: KMS Others Present: GRH
Antecedent Moisture: Dry Weather:

Property Size: 0.617 Ac
Site LTAR: Int. 0.3 Rep. 0.3
Site Classification: PS

Water Supply: [ ] Public [ ] Community [X] 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 Hortz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
16-1 AB + Pit	L 18%	0-3	Mo GR SL	FR NS/NP		Br			0.3
		3-14	Mo SBK C	FR SS/SP	F Sap	Red			
		14-27	WK SBK CL	FR SS/SP	C Sap	Red			
		27-53	MA L Sap	FR SS/SP		yel R			
16-2	L	0-3	Mo GR SL	FR NS/NP		Br		Gravelly	0.3
		3-27	Mo SBK C	FR SS/SP	F Sap	Red			
		27-48	WK SBK CL	FR SS/SP	C. Sap	Red			
16-3	L	0-8	Mo GR SL	FR NS/NP		Br		Gravelly	0.3
		8-39	Mo SBK C	FR SS/SP		Red			
		39-53	WK SBK CL	FR SS/SP	F Sap	Red			
16-4	L	0-8	Mo GR SL	FR NS/NP		Br		Gravelly	0.3
		8-32	Mo SBK C	FR SS/SP		Red			
		32-50	WK SBK CL	FR SS/SP	C. Sap	Red			
5									
6									

COMMENTS: Max. 18% slope on site
Per Kathleen Saunders, LSS

Approved ICHD 12-31-12