Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Date Evaluated: 11/13/10

Owner or Client: Crescent Resources
Proposed Facility: House Design Flow: 480 Property Size: 4.39 Ac
Location of Site: Lot 1557 (Tract 4)
Soil Described By: KMS Others Present: APS
Antecedent Moisture: Weather: 45°F clear, Sunny
Site LTAR: Int. 0.3 Rep. 0.3
Site Classification: PS
25% Reduction sys.
25% Reduction Rep

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 13%	0-5	Mo GR SL	FR ns/np		Br		F Gravel	0.3
		5-30	Mo SBK C	FR SS/SP	F sap	Red		F Gravel	
		30-53	WK SBK CL	FR SS/SP	F Sap	Red			
2	L 15%	0-12	Mo GR SL	FR ns/np		DK Br		F Gravel	0.3
		12-28	Mo SBK C	FR SS/SP	F Sap	Red			
		28-48	WK SBK CL	FR SS/SP	C/M Sap	Red			
3 Not in system	LN	0-9	Mo GR SL	FR ns/np		Br			0.3
		9-30	Mo SBK C	FR SS/SP	C Sap	Red			
		30-48	WK SBK CL	FR SS/SP	C Sap	Red			
4	Pit L 18%	0-4	Mo GR SL	FR ns/np		Br			0.3 OK
		4-22	Mo SBK C	FR SS/SP	F Sap	Red			
		22-30	WK SBK CL	FR SS/SP	C Sap	Red			
		30-37	WK SBK SCL	FR SS/SP	C Sap	Wet Red			
		37-53	MA SL Sap	FR SS/NP		Wet Red			
5	L 15%	0-8	Mo GR SL	FR ns/np		Br			0.3
		8-37	Mo WK SBK SC	FR SS/SP	C Sap	Red		F WR	
		37-47	WK SBK SCL	FR SS/SP	C/M Sap	Red			
		47-48	MA CSL Sap	FR ns/np		Mott			
6									

COMMENTS:

Approved 1-7-11
ICHD
gm

Approved 1-7-11