Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1-1
Property ID: 4637-12-8515
Lot #: 26
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: IQ Custom Construction Inc
Address: 840 Edmiston Rd Mt Ulla NC 28125
Proposed Facility: 4BRM Design Flow (.1949) 480gpd
Location of Site: 166 Patternote Rd Mooresville NC 28117
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: IQ Custom Construction
Date Evaluated: 11-15-13
Property Size: 1.31 ac
Property Recorded: Yes

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		b PROFILE FACTORS				Profile Class & LTAR
			1941 Structure/ Texture	1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	1956 Sapro Class	.1944 Restr Horiz	
P1	SS 7%	0-5	Fill			29"	PS	—	PS .3-.35
		5-15	R C WFSBk	Fr SS SP SE-P	few sap				
		15-31	YR CL WFSBk	Fr SS SP SE-P	Com sap				
		31-63	Var FSL Sap	M Fr SS SP SE-P	few/com RC incl				
P2	SS 18%	0-18	R CL WFSBk	Fr SS SP SE-P		29"	PS	—	PS .35
		18-29	YR CL WFSBk	Fr SS SP SE-P	Many sap				
		29-63	Var FSL Sap	M Fr SS SP SE-P	few CL				
P3	SS 5%	0-10	Fill/colluvial						PS .275
		10-30	B SCL/CL	WFSBk Fr SS SP SE-P	Com organic incl.				
		30-51	R C MASBk	Fr SS SP SE-P					
		51-58	R C WFSBk	Fr SS SP SE-P					
P4	SS 8%	0-23	R C MASBk	Fr SS SP SE-P		48"	PS	—	PS .3
		23-35	R C WFSBk	Fr SS SP SE-P					
		35-48	R CL WFSBk	Fr SS SP SE-P	Com sap				
		48-64	Var L/SL Sap	M Fr SS SP SE-P	many RC incl				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% Red.	LP PPBPS
Site LTAR	0.3	0.275

Other Factors (.1946): None
Soil Evaluation By: ALP
Others Present: None
Site Classification (.1948): PS
Site Evaluation By: ALP
Others Present: NONE