S&ME, INC.
SITE/SOIL EVALUATION

Project No. [illegible] Phone No. _____ Date: 3-12-12
Location [illegible] Pin _____ County: [illegible] Property Size _____
Proposed Facility: [illegible] Water Supply: On-Site Well ☒ Community ☐ Public ☐ Evaluation: Auger Boring ☐ Pit ☒ Cut ☐
Weather: [illegible] Antecedent Moisture [illegible] Surface Water: _____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
Landscape Position %	L 5%	L 5%	L 5%	L 5%
Horizon Depth I	0-29	0-13 BR	0-9	0-15
Color Munsell	[illegible]	[illegible]	[illegible]	[illegible]
Texture	[illegible]	[illegible]	[illegible]	[illegible]
Structure	[illegible]	[illegible]	[illegible]	[illegible]
Consistence	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]			
Boundary				
Horizon Depth II	29-53	13-36	9-31 BR	15-30
Color – Munsell	[illegible]	[illegible]	[illegible]	[illegible]
Texture	[illegible]	[illegible]	[illegible]	[illegible]
Mottles	[illegible]	[illegible]	[illegible]	[illegible]
Structure	[illegible]	[illegible]	[illegible]	[illegible]
Consistence	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]
		[illegible]		[illegible]
Boundary				
Horizon Depth III	53-60		31-60	30-56
Color – Munsell	[illegible]		[illegible]	[illegible]
Texture	[illegible]		[illegible]	[illegible]
Mottles	[illegible]		[illegible]	[illegible]
Structure	[illegible]		[illegible]	[illegible]
Consistence	[illegible]		[illegible]	[illegible]
Boundary				
Horizon Depth IV				
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Soil Wetness	[illegible]	[illegible]	[illegible]	[illegible]
Restrictive Horizon	[illegible]	[illegible]	[illegible]	[illegible]
Saprolite	[illegible]	[illegible]	[illegible]	[illegible]
LTAR	[illegible]	[illegible]	[illegible]	[illegible]
Classification	[illegible]	[illegible]	[illegible]	[illegible]

LEGEND

LANDSCAPE POSITION
R Ridge Interfluve
S Shoulder
L Linear Slope
S Foot Slope
N Nose Slope
H Head Slope
Cc Concave Slope
Cv Convex Slope
T Terrace
P Flood Plain

TEXTURE
s sand
ls Loamy sand
sl sandy loam
l loam
si silt
sil silt loam
sicl silty clay loam
cl clay loam
scl sandy clay loam
sc sandy clay
sic silty clay
o clay

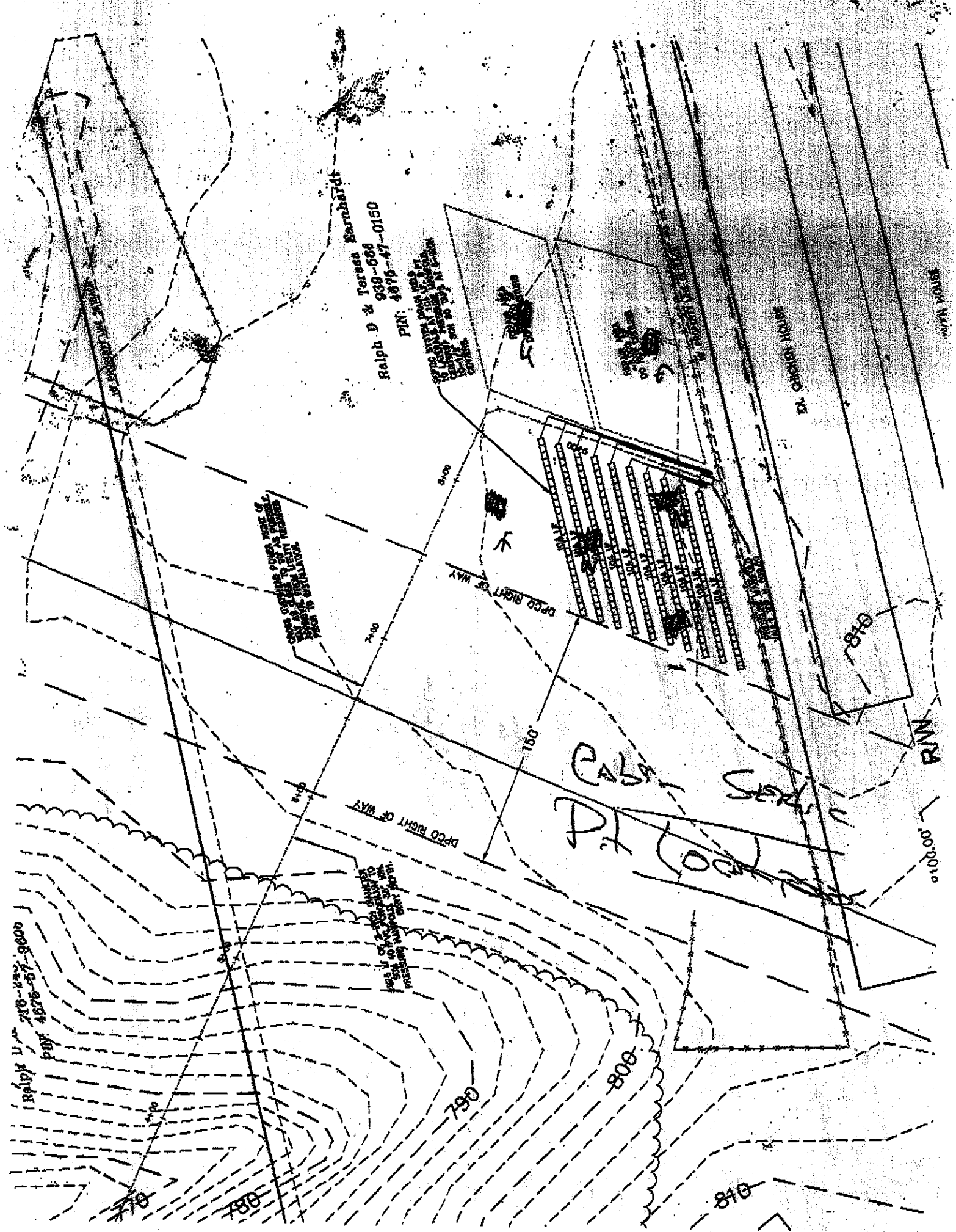
CONSISTENCE WET
Ns non-sticky
Ss slightly sticky
S sticky
Vs very sticky

Np non-plastic
Sp slightly plastic
P plastic
Vp very plastic

MOIST
vfr Very friable
fr friable
fi firm
vfi Very firm

STRUCTURE
sg single grain
m massive
cr crumb
gr granular
sab subangular blocky
ab angular blocky
pl platy

Reviewed by Ben Nadler
of LCHD


Ralph D & Teresa Barnhardt
939-668
4876-47-0150
PIN:
DPCO RIGHT OF WAY
DPCO RIGHT OF WAY
RW
150'
100.00'
770
780
790
800
810
840

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

Sheet:
PIN #:
Lot #:
Permit #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: **TERESA EARNHARDT**
Applicant: **PIEDMONT DESIGN**
Address: **1701 CODDLE CREEK RD. MOORESVILLE, NC 28115**
Date Evaluated: **3/16/2012**
Proposed Facility: **SPECIAL EVENTS** Design Flow (.1949) **928.54 GPD**
Property Size: **264.54 AC**
Location of Site: **SAME**
Property Recorded: **YES**
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
PIT 1	LINEAR	0-29	C,SBK	FR,		53"	S	60+	.3
		29-53	CL,W,SBK	FR,SS,SP					
		53-60	LSAP	FR					
PIT 2	LINEAR	0-13	CL,SBK			13"	S	56+	.4
		13-56	SAP	FR,SS,SP					
PIT 3	LINEAR	0-9	CL			36"	S	60+	.3
		9-36	CL/SCL,W,SBK						
		36-60	LSAP	FR,SS,SP					
PIT 4	LINEAR	0-15				56"	NA	56+	.3
		15-30	C,M,SBK	FR,SS					
		30-56	CL,W,SBK	FR,SS,SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	PM 25%	PM 25%
Site LTAR	.3	.3

Other Factors (.1946): **FLOW EQALIZATION SYSTEM**
Soil Evaluation By: **BEN ALDRIDGE, PAUL PENNINGER**
Others Present: **NONE**
Site Classification (.1948): **PS**
Site Evaluation By: **BEN ALDRIDGE, PAUL PENNINGER**
Others Present: **NONE**

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

Sheet: 2 OF 2
File #: DEI

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		OTHER PROFILE FACTORS				
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
PIT 5	LINEAR	0-12	C,M SBK	FR,SS	NA	56"	S	62+	.3
		12-56	CL,W,SBK						
		56-62	SAP	FR,SS,SP					
PIT 6	LINEAR	0-12	C,CL,M,SBK	FR,SS,SP	NA	30"	S	62+	.4
		12-30	CL,WSK	FR,SS,SP					
		30-62	SAP	FR,SS,SP					