DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE / SOIL EVALUATION
FOR
SANITARY SEWAGE SYSTEM

OWNER: A-1 Clinic PHONE: _____ DATE REQUESTED: _____ DATE EVALUATED: 5/13-14

ADDRESS: _____ PROPERTY IDENTIFICATION NO.: _____

COUNTY: Iredell PROPERTY SIZE: 1.25 Ac PROPOSED FACILITY: 3BD - 2BA Modular

LOCATION OF SITE: Rocky Creek Curve - Lot 55

WATER SUPPLY: On-Site Well ✓ Community _____ Public _____ EVALUATION BY: Auger Boring ✓ Pit _____ Cut _____

FACTORS	BL PROFILE 1 (LOW)	OR PROFILE 2 (MID SLOPE)	BL PROFILE 3 (HIGH)	RED PROFILE 4	PROFILE 5
LANDSCAPE POSITION	T	LS	LS	T	
SLOPE (%)	<3	7-8	7-8	<3	
HORIZON I DEPTH	0 - 11	0 - 7	0 - 16	0 - 6	
Texture Group	0 - FILL	C		C	
Consistence	N/A	FI SP S	SEXP	FI S - SP	
Structure	N/A	SBK w/ ABK 1HCL	~M(GR)	SBK	
Mineralogy		1:1 SEXP	MIX SAP/Rock	1:1 SEXP	
HORIZON II DEPTH	12 - 20	8 - 16		7 - 18	
Texture Group	SL	cl		cl	
Consistence	FI SS SP	FI SP SS		FR SS SP	
Structure	SBK	M SBK		SBK	
Mineralogy	1:1	1:1		1:1 SEXP	
HORIZON III DEPTH	21 - 28	17 - 32		19 - 31	
Texture Group	cl	cl		FL cl	
Consistence	FI SS - SP	FR(W FINER) SS SP		FR SS SP	
Structure	M SBK	SBK		M SBK	
Mineralogy	MIXED - SEXP.	1:1		1:1 SEXP	
HORIZON IV DEPTH	29 - 40	33 - 48		32 - 41	
Texture Group	COARSE cl SAP.	FI SL SAP		FL SL	
Consistence	~FR(FINER)	VFR SP. SS		VFR SS SP	
Structure	~SBK	GR/CR		FR SBK-GR MIX	
Mineralogy	MIX - SEXP.	MIX SEXP.		42-44 cl	
SOIL WETNESS					
RESTRICTIVE HORIZON	40" COARSE		16" R		
SAPROLITE	SAP - S - SP. SEXP.				
CLASSIFICATION	? (U) 29" TOTAL		(U)	PS	
LONG-TERM ACCEPTANCE RATE	40 -11 29	.3		.3	

SITE CLASSIFICATION: SITE LONG-TERM ACCEPTANCE RATE:

EVALUATED BY: Sparks OTHER(S) PRESENT:

REMARKS:

LEGEND

LANDSCAPE POSITION
- R - Ridge
- S - Shoulder slope
- L - Linear slope
- FS - Foot slope
- N - Nose slope
- H - Head slope
- Cc - Concave slope
- Cv - Convex slope
- T - Terrace
- FP - 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
- c - clay

CONSISTENCE

MOIST
- vfr - very friable
- fr - friable
- fi - firm
- vfi - very firm
- efi - extremely firm

WET
- Ns - non-sticky
- Ss - slightly sticky
- S - sticky
- Vs - very sticky
- Np - non-plastic
- Sp - slightly plastic
- P - plastic
- Vp - very plastic

STRUCTURE
- sg - single grain
- m - massive
- cr - crumb
- gr - granular
- sbk - subangular blocky
- abk - angular blocky
- pl - platy
- pr - prismatic

MINERALOG
- 1:1, 2:1, mixe

Use the above standard abbreviations.

NOTES:
- Horizon Depth -- in inches
- Depth of Fill -- in inches from land surface
- Restrictive Horizon -- thickness and inches from land surface
- Saprolite -- S (suitable) or U (unsuitable)

NOTES.
- Soil Wetness -- Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less -- record Munsell color chip designation
- Classification -- S (suitable), PS (provisionally suitable) or U (unsuitable)
- Long-Term Acceptance Rate -- gal/day/ft²

DHS 2601 (Revised _____)
Sanitation Branch (Review _____)