DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ____ of ____
PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Gloria Morrison
ADDRESS: ____
PROPOSED FACILITY: ____ PROPOSED DESIGN FLOW (.1949): ____
LOCATION OF SITE: Ketchie Acres Sun Lane Lot 10 corner Rinehardt
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other ____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

APPLICATION DATE ____
DATE EVALUATED: 11-8-05
PROPERTY SIZE: .5 Ac
PROPERTY RECORDED: ____
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	3%	0-12	1sbk cl			48			PS .25
		12-25	1sbk c	fr ss/sp se					
		25-48	c+sap	few yel br mottles					
2	Concave	0-7	1sbk cl	fr	at 30" ≥2% 10YR 6/2 + soil wetness + 5% red/yel mottles	48			U
		7-24	1sbk c	fr ss/sp se					
		24-40	1sbk/1sbk c	fr					
		40-48	1sbk c+sap						
3		0-8	1sbk cl			48			PS .25
		8-48	1sbk c	fr ss/sp se					
			few brown mottles						
4		0-15	1sbk cl			48			PS .25
		15-38	1sbk c	fr ss/sp se	few brown mottles				
		38-48	c+sap						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	panel	panel
Site LTAR		

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Judy Melville
OTHER(S) PRESENT: ____

COMMENTS: ____

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE / SOIL EVALUATION
FOR
SANITARY SEWAGE SYSTEM

OWNER: Don Hoffman PHONE: 704 788-8315 DATE REQUESTED: _____ DATE EVALUATED: 3/14/03

ADDRESS: 19905 Hendersonville Rd. Connelly Springs, NC 28031 PROPERTY IDENTIFICATION NO.: 4657-79-5764

COUNTY: Iredell PROPERTY SIZE: _____ PROPOSED FACILITY: 4BD - CRAWL

LOCATION OF SITE: 105 Sunshine Lot 10 Katahdin Trail

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

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	~CC	LS			
SLOPE (%)	2-3%	2%			
HORIZON I DEPTH	0 - 21	0 - 11			
Texture Group	SCl	BR SCl			
Consistence	FR SS SP	VFR SS WP			
Structure	SBK	SBK 1:1			
Mineralogy					
HORIZON II DEPTH	22 - 38	12 - 22			
Texture Group	SC 4R MOT	VHCl MIC			
Consistence	FI S P	FR SS SP			
Structure	WK	M SBK 1:1			
Mineralogy					
HORIZON III DEPTH	39 - H2O IN HOLE	23 - 30			
Texture Group	SC	C - CL			
Consistence	FI S P	FI S - P (4R)			
Structure	VWK MORE 4R	M SBK			
Mineralogy					
HORIZON IV DEPTH		31 - 48			
Texture Group		MIC SL			
Consistence		FR SS - SP			
Structure		GR/SBK MIX (2R)			
Mineralogy		1:1			
SOIL WETNESS					
RESTRICTIVE HORIZON					
SAPROLITE					
CLASSIFICATION	U	PS			
LONG-TERM ACCEPTANCE RATE		.25 - .3			

SITE CLASSIFICATION: SITE LONG-TERM ACCEPTANCE RATE:

EVALUATED BY: OTHER(S) PRESENT:

REMARKS: Pump to 16" APPROS

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

MINERALOGY
- 1:1, 2:1, mixed

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 _____)