DIVISION OF ENVIRONMENTAL HEALTH:
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 2/26/01
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: _____
LOCATION OF SITE: Hickory Hill - Bells Cove PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other Basement w/ Plumbing
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	CC-T	0 - 8	SBK / SCL	NSVP FR - NS - SP					.25
		9 - 21	SBK / SC	SSVP FR - SS - SP					
		22 - 32	FSBK / SCL	SSVP FI - SS - P					
		33 - 48	SBK / SCL MICACEOUS	SSVP FR - SS - SP					
		49 - 57	FSBK / SL	SSVP FR - S - SP					
2	CC-T	0 - 12	GR / SL	VFR - SS - NP					
		13 - 29	SBK / CL	SSVP FR - S - SP					
		30 - 52	FGR / CL SAP	SSVP FR (S) - NP.					
3									
4									

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

OTHER FACTORS (.1946): TOPOGRAPHY - DRAIN
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Apples
OTHER(S) PRESENT: None

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE / SOIL EVALUATION
FOR
SANITARY SEWAGE SYSTEM

OWNER: Camille Bass. PHONE: _____ DATE REQUESTED: _____ DATE EVALUATED: 7/17/01

ADDRESS: _____ PROPERTY IDENTIFICATION NO.: 4646 67 7939

COUNTY: Iredell PROPERTY SIZE: ~1Ac PROPOSED FACILITY: _____

LOCATION OF SITE: Dibbs Rd. TR Apple Blossom, (L) Hickory Hill, 2nd on (R) past Neibb's house, Lakewood

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

FACTORS	Upper PROFILE 1	Mid PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	CV L	CC L			
SLOPE (%)	3-4%	3%			
HORIZON I DEPTH	0-12	0-13			
Texture Group	scl	scl			
Consistence	FR S-SP	FI SS-SP			
Structure	sbk	sbk			
Mineralogy	MIXED	MIXED			
HORIZON II DEPTH	12-24	14-30			
Texture Group	cl	cl SAP			
Consistence	FI SS SP	FI S-SP			
Structure	sbk	wk -stone incl			
Mineralogy	MIXED	MIXED			
HORIZON III DEPTH	25-48	31-48			
Texture Group	cl	C/SAP			
Consistence	FR	FR-SS-SP			
Structure	FI sbk	FI sbk ~ GR			
Mineralogy	MIXED	MIXED			
HORIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
SOIL WETNESS					
RESTRICTIVE HORIZON					
SAPROLITE					
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE	.3	.3			

SITE CLASSIFICATION: PS SITE LONG-TERM ACCEPTANCE RATE: .3

EVALUATED BY: Sparks OTHER(S) PRESENT: Cecil Ann Ne. 1'

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

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 _____)
Sanitation Branch (Review _____)