ION OF ENVIRONMENTAL HEALTH
-SITE WASTEWATER SECTION

PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Silver Wave Properties APPLICATION DATE
ADDRESS: DATE EVALUATED: 6-5-00
PROPOSED FACILITY: house PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: .69 acres
LOCATION OF SITE: Featherstone Lot #6 Phase 2 PROPERTY RECORDED:
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5-6% terrace	0-16	sl P	fr dry	3 & 4 Chromas	45			PS .25
		16-30	cl sbk(w)	fi					
		30-45/50	C sbk/Abk	fi					
			little pb 2" wide						
2	LS	0-6	sl P	fi dry	5Y 6/1	35			U/PS .2
		6-20	cl sbk(w)	fi	7/1				
		20-34/35	C Abk	fi	≈36"				
		34/35-57	cl/scl sap	fi					
3	LS	0-13/14	sl P	fr	brown & tan ≈30"	52			PS .25
		13/14-30	scl sbk(w)	fr					
		30-52	C sbk	fi					
4	LS	0-10	sl P	wfi-dry	2.5Y 6/2 6/3 & 6/4 43"	54			PS .25
		10-24	cl sbk(w)	fi					
		24-43	C sbk/Abk	fi					
		43-54	C Abk	fi					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	
System Type(s)	25% red	
Site LTAR	.25	.25

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Lee Lynn & C Potter
OTHER(S) PRESENT: Kenny Dellinger

Initial system at and above terrace. Well at rear of lot. System 18-24" deep

...RTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
VISION OF ENVIRONMENTAL HEALTH
...ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: ___ APPLICANT: Silver Lake
ADDRESS: ___ APPLICATION DATE: 3-16-2000 DATE EVALUATED: ___
PROPOSED FACILITY: 3BDRM DW PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: ~1 Acre
LOCATION OF SITE: Lot 6 Featherstone Mtn Old MTN Rd ② Island Ford ② Gobble ② PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other Marstone 2nd Lot on Right
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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
Pit 1		0-11	SL						
		11-41	C	Tiger Dirt 35SP chroma 1	chroma 1				
		41+	WITHER clay (Tiger Soil)						
2		0-11	SL						
		11-14	~~SAB~~ SL		GRAY (LIGHT) ~~chroma~~				
		14-24	SBW C						
		24+	SBW C	Tiger	Chroma 2				
3									
4									

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: ___
OTHER(S) PRESENT: ___

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
					MOIST	WET
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None			

NOTES

HORIZON DEPTH In inches below natural soil surface

DEPTH OF FILL In inches from land surface

RESTRICTIVE HORIZON Thickness and depth from land surface

SAPROLITE S(suitable) or U(unsuitable)

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)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

