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

Sheet ___ of ___
PROPERTY ID #: 4659578171
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Blair Bld — APPLICANT: ___
ADDRESS: ___ — APPLICATION DATE: ___ — DATE EVALUATED: 3/6/15
PROPOSED FACILITY: ___ — PROPOSED DESIGN FLOW (.1949): ___ — PROPERTY SIZE: ___
LOCATION OF SITE: Shepherd's Bluff Lot #32 — 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	L 4%	0-7	Brw SCL	SS,SP,SE, FR					PS .3 to .32" >32"=.35
		7-32	Rd/Brw C/CL m-w SBK,SS,SP,SExp,FR w/Few to many SAP Inclus massive			32"			
		32+60	Yel/Rd L/SL SAP						
2	L 4%	0-12	Rd/Brw C/CL m-w SBK SS,SP,SExp, FR						PS .3 to 30" >30"=.35
		12-30	Rd/Brw C/L w SBK SS,SP,SExp, FR w/Few to many SAP Inclus			30"			
		30-58	Yel/Rd L/SL SAP						
3	L 5%	0-7	Brw SCL	SS,SP,SExp FR					PS .3 to 30" >30"=.35
		7-30	Rd/Brw C/CL m-w SBK SS,SP,SExp FR w/Few to many SAP Inclus			30"			
		30-58	Brw L/SL Massive SAP						
4	L 5%	0-8	Brw SCL w SBK SS,SP,SExp, FR						PS .3 to 31" >31"=.35
		8-31	Rd/Brw C/CL m-w SBK SS,SP,SExp, FR w/Few to many SAP			31"	Inclus		
		31-50	Yel/Rd L/SL SAP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	50% Red
Site LTAR	.35	.35

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Mona Dotson
OTHER(S) PRESENT: ___

COMMENTS: _____

LEGEND

use the following standard abbreviations

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

343' - 25%
@ .35
228' - 50%

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).

