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

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

Applicant Jeffrey Marks

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Tamara Sherrill APPLICATION DATE: ___
ADDRESS: 182 Rugby Hill Drive DATE EVALUATED: 4/29
PROPOSED FACILITY: 3BR 4 cm PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: .69 Ac
LOCATION OF SITE: ___ PROPERTY RECORDED: No
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed #46 Lightpost Springs

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	7% Linear	0-14	S/SL g	VFR NS NP	24-46 Mottles				PS .25
		14-22	SCL SBK	FR					
		22-40	C ABK	FI S P SEP					
		40-48	C MSP						
2	Linear 7%	0-6	L g	VFR NS NP NEP					PS .25
		6-24	C ABK	FI S P SEP					
		24-38	C MSP SBK	FR SS SP SEP	28" Chroma 3				
		38-48	SAP						
3	7% Linear	0-12	C/SL g	VFR NS NP NEP					PS .25
		12-20	C ABK	FI S P SEP					
		20-27	C MSP ABK	FI SS SP SEP					
		27-38	CL MSP SBK	FI SS NP SEP					
		38-48	SAP C inclusions						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Gravity/25%/bed	Gravity 50% Recu
Site LTAR	.25	.25

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT: Jeff Marks

COMMENTS: ___

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*
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
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3
	III	SCL (Sandy Clay Loam) SiL (Silt Loam) CL (Clay Loam) SiCL (Silty Clay Loam) Si (Silt)	0.6 - 0.3	0.3 - 0.15
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05
		O (Organic)	None	

MINERALOGY/ CONSISTENCE	STRUCTURE
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)

MOIST	WET
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)

***Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.**

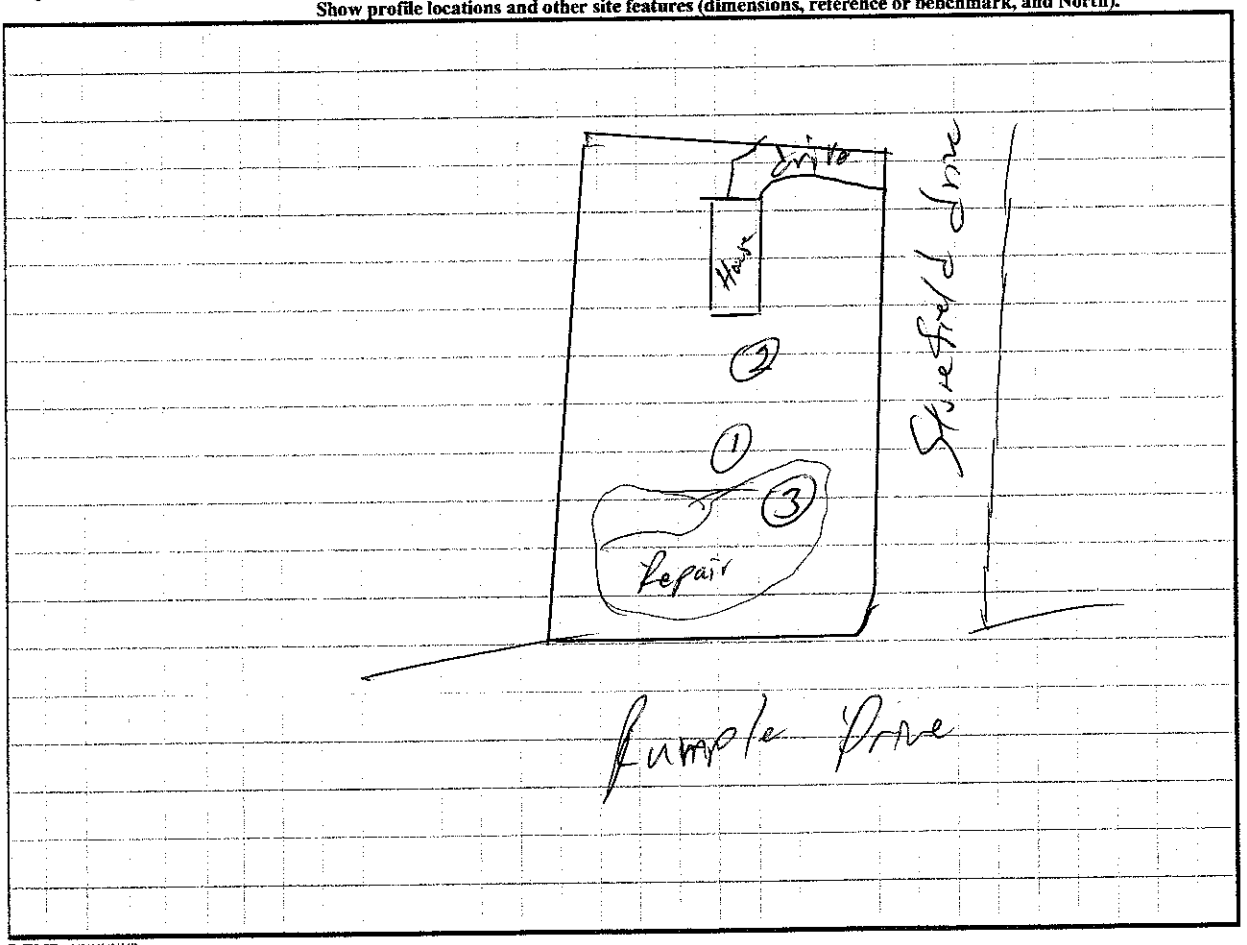
NOTES

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/ft^2

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



DENR (######)
Review (#####)