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

134315
47300 6/22/1 Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

(5)

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

0-6 sl wk gr fr sp pr
6-48 cmd sbk fr ss sp sap
2.5Y7/6 @ 8"-30" PS .25

OWNER: CHARLES SIDES
ADDRESS: _____
PROPOSED FACILITY: RESIDENCE
LOCATION OF SITE: CEDARWOOD LOT 1
APPLICATION DATE: _____
DATE EVALUATED: _____
PROPERTY SIZE: 1.24 AC
PROPERTY RECORDED: YES

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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	15% L	0-6"	sl wk gr	fr sp pr	fr sp pr slw		150%		PS .3
		6-48"	cmd sbk	fr ss sp					
		48-60"	sap-lite	30" PS					
2		0-10"	sl wk gr	fr sp pr	2.5Y7/6 @ 24"				PS .3
		10-53"	cmd sbk	fr ss sp	2.5Y8/4 @ 29"				
		53-60"	sap-lite		2.5Y8/1 @ 32"				
3		0-6"	sl wk gr	fr sp pr	fr sp pr slw		150%		PS .3
		6-55	cmd sbk	fr ss sp					
		55-60"	sap-lite						
4		0-6"	sl wk gr	fr ss sp pr					OS NEW PLR
		6-24"	cmd sbk	fr ss sp					
		24-60"	sap-lite						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	GRAV 25%	LP 50%
System Type(s)	YES	YES
Site LTAR	.3	.25

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. WOLF
OTHER(S) PRESENT: MS. SIDES

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION

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)

GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*
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	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	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	None

MINERALOGY/ CONSISTENCE

NEXP (Non-expansive)
SEXP (Slightly Expansive)
EXP (Expansive)

STRUCTURE

G (Single Grain)
M (Massive)
CR (Crumb)
GR (Granular)
SBK (Subangular Blocky)
ABK (Angular Blocky)
PL (Platy)
PR (Prismatic)

MOIST

VFR (Very Friable)
FR (Friable)
FI (Firm)
VFI (Very Firm v. Very Sticky)
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)

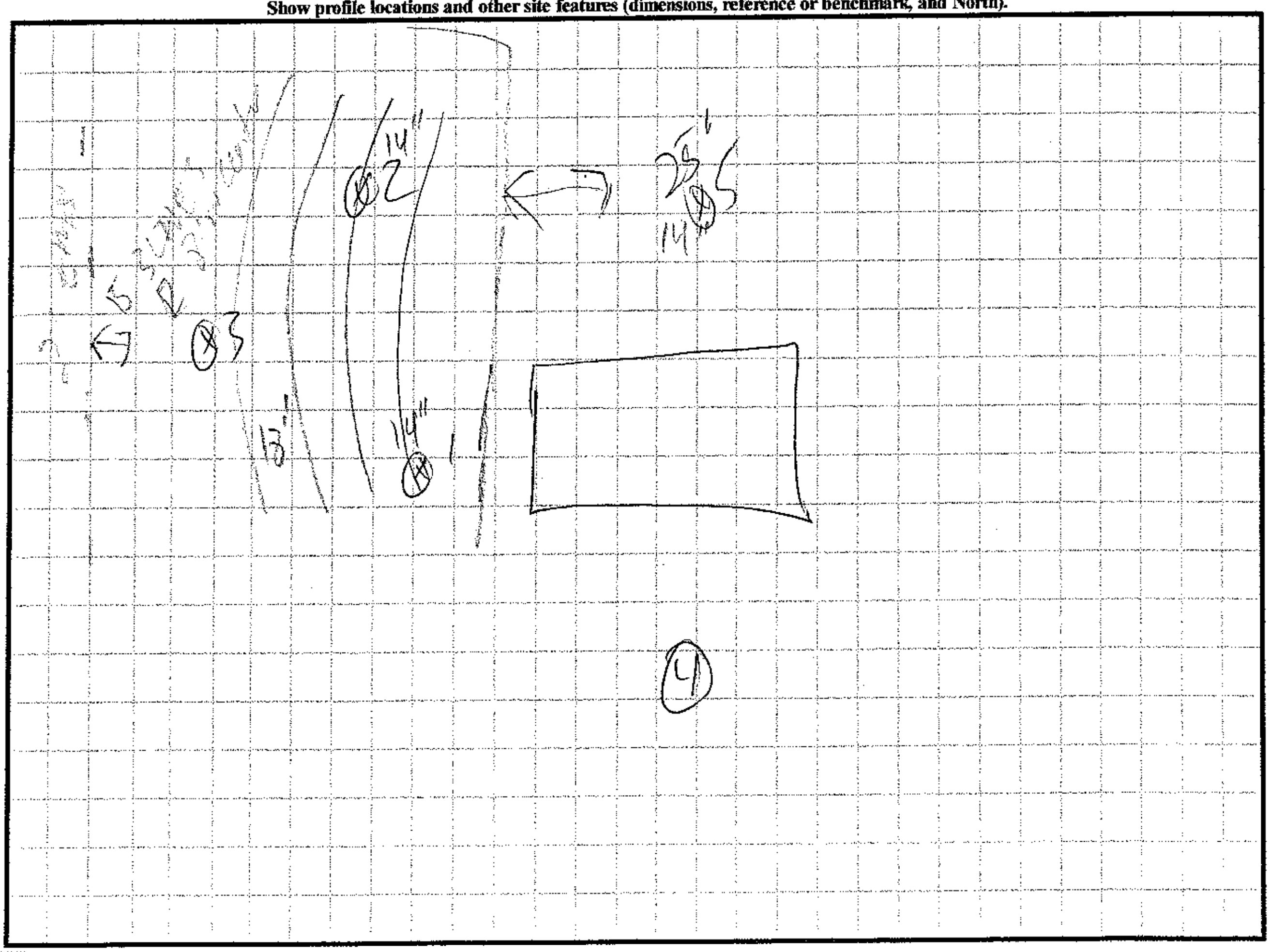
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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 (#####)