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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: HENDERSON

3793-63-3377

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: TERRY MICHAEL
ADDRESS: P.O. BOX 1228 MVL, 28115
PROPOSED FACILITY: 3 BR House PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: AUGUSTA GLENS II LOT 57/58
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut

APPLICATION DATE 3/23/07
DATE EVALUATED: 4/18/07
PROPERTY SIZE: 3.077 ACRES
PROPERTY RECORDED:

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	AUGER COMPLEX 10%	0-17	SBK GRAVELLY C	FR SSSP		U @ 17"+			U
		17+	WEATHERED	ROCK					
2	PIT 12%	0-16	SBK GRAVELLY C	FR SSSP		U @ 16"+			U
		16+	WEATHERED	ROCK					
3	PIT 8%	0-42"	SBK C	FR SSSP		U @ 42"+			PS 0.3
		42"+	MASS. GRAVELLY SAP (2)	FR SSSP					
4	AUGER 8%	0-42"	SBK C	FR SSSP		U @ 42"+			PS 0.3
		42"+	MASS GRAVELLY SAP/L	FR SSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	III
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: S. HEDRICK
OTHER(S) PRESENT: TERRY MICHAEL

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCT
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 M (Massiv CR (Crumb GR (Granu SBK (Suba ABK (Ang PL (Platy)
	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		

MOIST	WE
VFR (Very Friable)	NS (No
FR (Friable)	SS (Slig
FI (Firm)	S (Stick
VFI (Very Firm v. Very Sticky)	VS (Very
EFI (Extremely Firm)	NP (No
	SP (Slig
	P (Pla
	VP (Ver

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

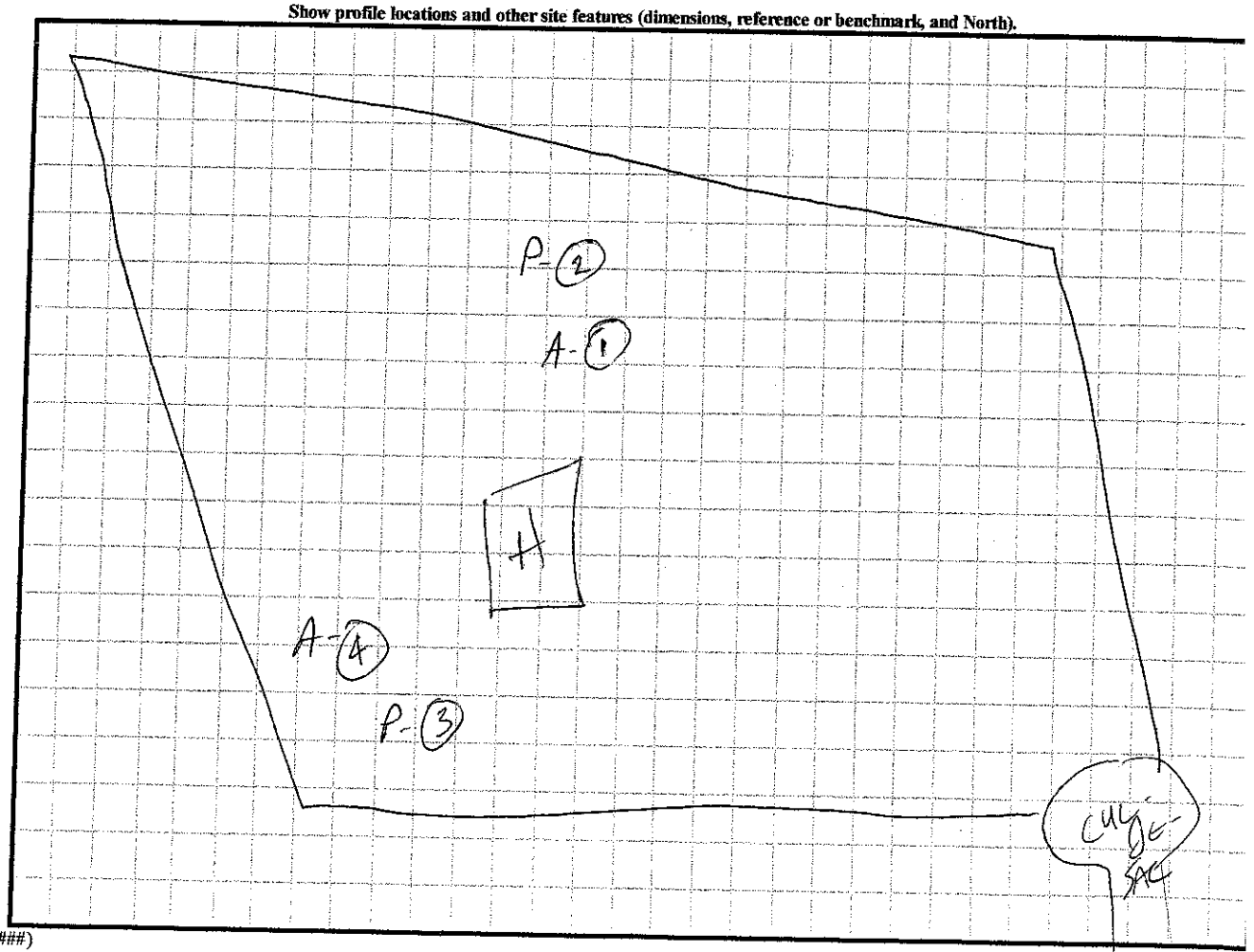
NOTES

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 (#####)