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

Sheet ___ of ___
PROPERTY ID #: 124651
COUNTY: 4711-31-3661

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: DAVID GALE APPLICATION DATE 10-8-04
ADDRESS: P.O. BOX 350835 DATE EVALUATED: 11-10-04
PROPOSED FACILITY: 3 BR HMS PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 2.77 AC
LOCATION OF SITE: HARBOUR WATCH LOT 102 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	12% L	0-6	scl wk gr	fr nsp nps		48			PS .3
		6-30	c mod sbk	fi sl sticky					
		30-48	loam wk gr	fr ss sp s/p					
2	25%	0-6"	scl wk gr	fr nsp nps					US
		6"	DOCK	FLOATER					
			MOVE 15'						
3	25% V	0-6"	scl wk gr	fr nsp nps					PS .3
		6-36	c mod sbk	fi sl sticky few rock inclusions <50%					
		36-48"	c mod sbk	fi sl sticky few sp inclusions <50%					
4	15%	0-6"	scl wk gr	fr nsp nps					US
		6"	DOCK FLOATER						
			moved 15'						

(3) 0-6 scl wk gr fr nsp nps
6-48 c mod sbk fi sl sticky
few sp inclusions 36-48 <50%

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	CONV LOW	CONV 25% RED
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: LIDDLE
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)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	SCL (Sandy Clay Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiL (Silt Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SiCL (Silty Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		Si (Silt)				
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)
		C (Clay)			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)

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

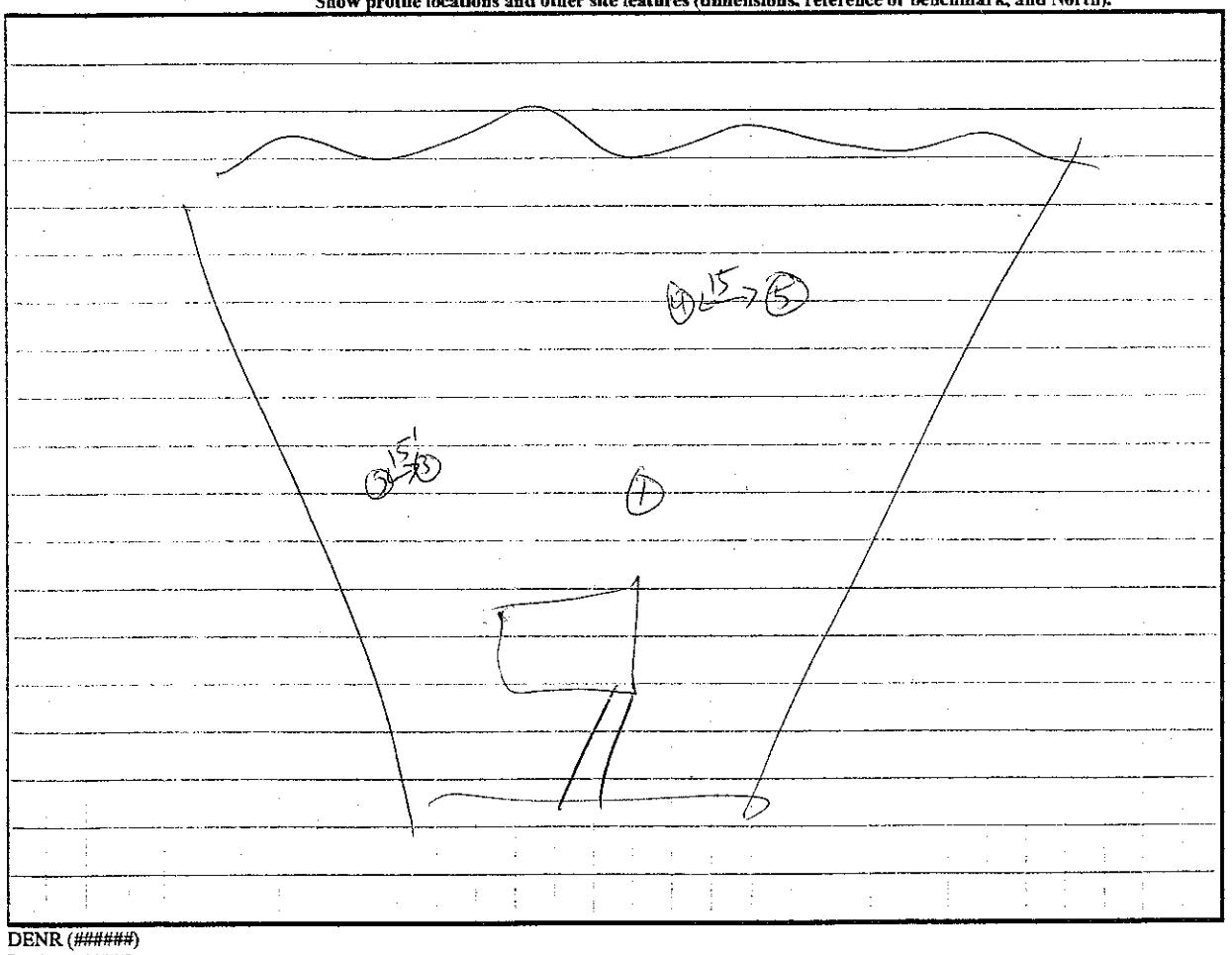
NOTES

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 (#####)

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: LK Norman Prop APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8/11/98
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Harborwatch 5 Lot #102 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	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
1	20%	0-45"	Rd/Brn C/Cl	SBK SS,SP SE,FI-FR w/Few to Many W. Rock Frags	SAP Inclus				PS .3
2	5%	0-6"	Brn SCL	GR FR					PS .3
		6-24"	Rd/Brn C/Cl	m SBK SS,SP SE,FI-FR	SAP Inclus				
		24-48"	Rd/Brn C/Cl	w/Few to Many SAP & Mica Flakes					
3	5%	0-32"	Rd/Brn C/Cl	m-w SBK SS,SP SE,FI-FR					PS .25-.3 to 32"
		32+"	Rd/Brn C/Cl	w/Few to Many SAP/W. Rock Frags FI SS,SP SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
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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)
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