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

Sheet ____ of ____
PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

D6786
4736-41-4087

Applicant
OWNER: RW WRIGHT CONST
ADDRESS: 164 FOX GLOVER
PROPOSED FACILITY: BARN HOUSE PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: MEADOW OAKS LOT 57

APPLICATION DATE ____
DATE EVALUATED: 4-20-05
PROPERTY SIZE: 0.95 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) .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	3% L	0-12"	scl wk gr	fr nsp nop	from yellow/brown mottles	28-40"			PS .25
		12-28"	C med sbk	fi sp sbk					
		28-40	C med sbk	fi sp sbk					
		40-48"	C med sbk	fi sp sbk		>48"			
2	3% L	0-4	scl wk gr	fr ns np vfr	6-10" brown mottles		PLOW LAYER		PS .3
		4-10	C med sbk	fi sp sbk					
		10-24	C med sbk	fi sp sbk					
		24-36	C med sbk	fr sp sbk		>48"			
		36-48"	sc med sbk	fr ss sp sbk			36" TB		
3	3% L	0-4	scl wk gr	fr ns np vfr	yellow brown mottles at plow layer	6-10"			PS .3
		4-10	C med sbk	fi sp sbk					
		10-24	C med sbk	fi sp sbk		>48"			
		24-36	C med sbk	fr sp sbk			36"	TB	
		36-48	sc med sbk	fr ss sp sbk					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	Pump 45% Red	LP 50%
Site LTAR	.3	.25

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. COOK
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	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)			**MOIST**	**WET**
R (Ridge)		SCL (Sandy Clay Loam)				
S (Shoulder Slope)		SiL (Silt Loam)			VFR (Very Friable)	NS (Non-sticky)
T (Terrace)	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	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.

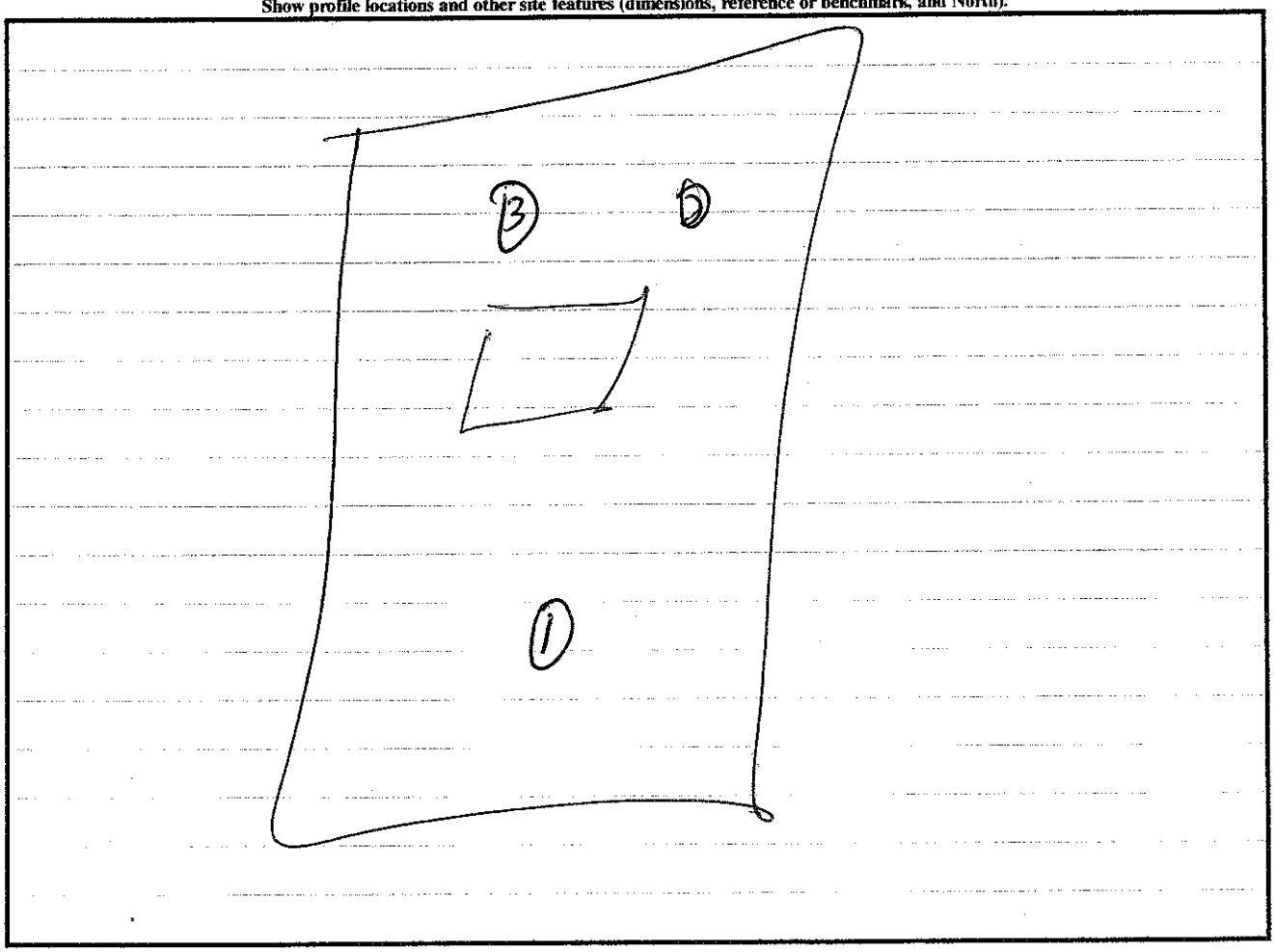
NOTES

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 (#####)