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

PROPERTY ID #: 113863
COUNTY: 4718-92-4914

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: TERRY OBRIEN APPLICANT:
ADDRESS: 310 TREEBARK RD APPLICATION DATE: 8-13-03 DATE EVALUATED: 9-18-03
PROPOSED FACILITY: 3 BR HOUSE PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 4.49 ac
LOCATION OF SITE: HIDDEN RIVER LOT LOT 7 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	PROFIL CLASS & LTAR
1	6% L	0-3	sl wk sc	fi s p sep		36" PS	36" PS		PS .3
		3-48"	c med sbk	fi s p sep					
		48-60	SAPROLITE						
2	6%	0-12"	sl wk sc	fr s p sep					PS .25
		12-36"	c med abk/sbk	fi s p sep	1 sl hr yellow mottles from 2 @ 38"				
		36-48"	c med abk	fi s p sep					
3		LOOK AT OLD SOIL SHEET FOR REPAIR							
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	Pump 25% RED	Pump Paver
Site LTAR	.25	.2

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: B. FREEMAN, L. LOOK
OTHER(S) PRESENT: DICK LANDRUM

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)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SLC (Silt Loam Clay)				
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)
					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)

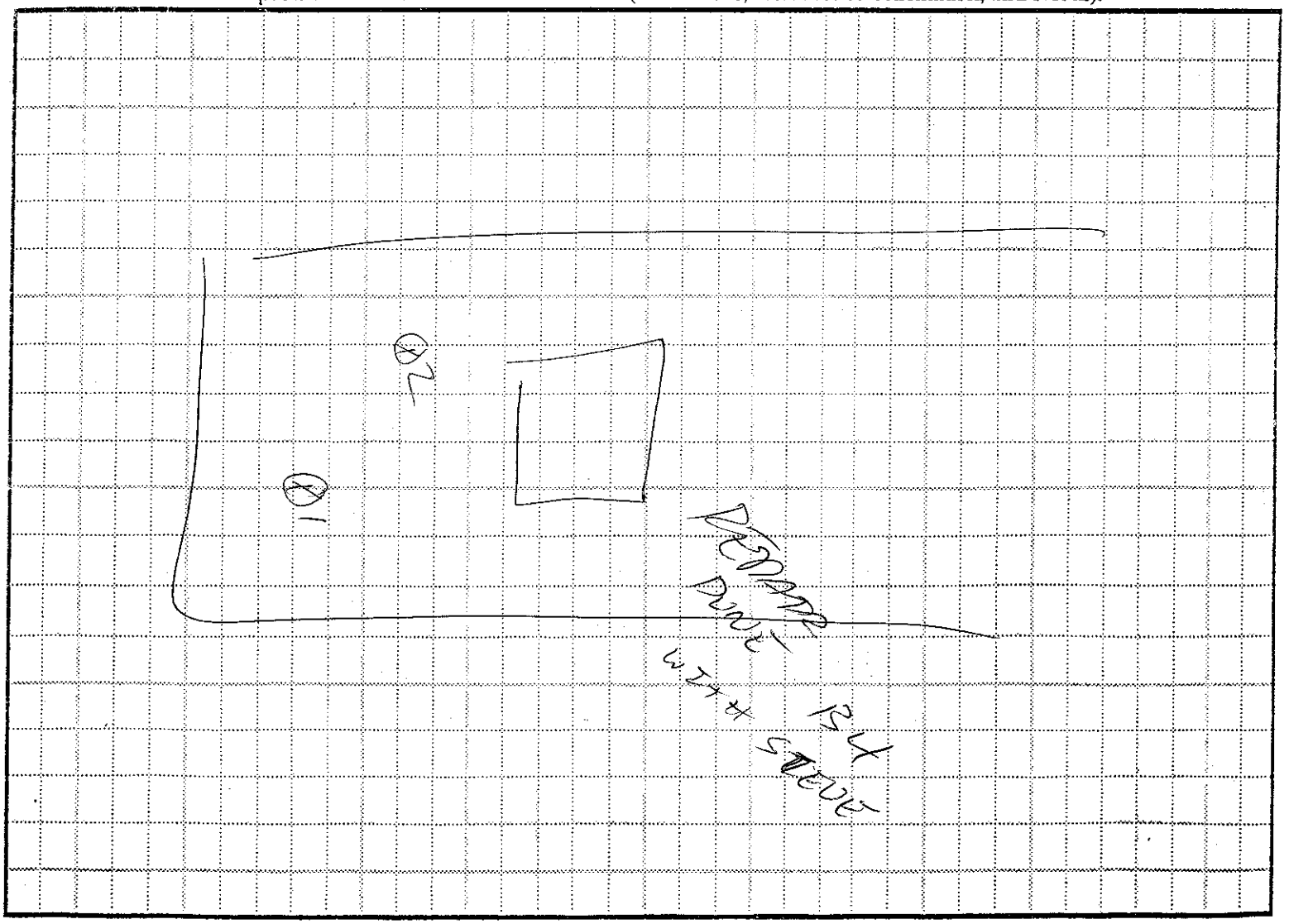
NOTES

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/ft²

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



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ON-SITE WASTEWATER SECTION

Sheet ___ of
PROPERTY ID #:
COUNTY: PERSON

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

4718-92-4976

OWNER: TERRY O'BRIEN APPLICANT: SAME
ADDRESS: 310 TREEBARK ROAD APPLICATION DATE: 6-18-03 DATE EVALUATED: 7-15-03
PROPOSED FACILITY: 3BR HOUSE PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 4.49 ACRES
LOCATION OF SITE: HIDDEN RIVER LOT #7 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
1	L 20%	0-8	GL SL	VFR SSSP	CHROMA 2 MOTTLES @ 16" +				PS 0.2
		8-16	GL SC	VFR SSSP					
		16-20	SBK GRAVELLY C	FR SSSP					
		20-48	ABK C	FI S/P SSSP					
2	L 25%	0-10	GL SL	VFL SSSP	CHROMA 2 MOTTLES @ 20" +				PS 0.2
		10-20	GL SL	VFL SSSP					
		20-24	SBK GRAVELLY C	FR S SSP					
		24-48	ABK C	FI S/P					
3	SLIGHT N L 10%	0-12	ABK SBK SC	FR S/P SSSP		U			U
		12+	MASSIVE C	VFI VS/VP EXP					
4	L 15%	0-16	SBK CL	FR SSSP					PS 0.25
		16-48	SBK C	FR S/S SSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	S
System Type(s)	III	III
Site LTAR	0.2	0.25

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. HEDRICK
OTHER(S) PRESENT: TERRY O'BRIEN, DICK CRANDALL

LEGEND

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