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

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Chris Davidson APPLICANT: Chris Davidson
ADDRESS: APPLICATION DATE: DATE EVALUATED: 8-6-03
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949): PROPERTY SIZE: ~1.0 Acre
LOCATION OF SITE: PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

#24 Elderwood S/D

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	PROFIL CLASS & LTAR
1	L 9%	0-6	wdk sc	Fr SS SP	SEP				PS .30
		6-29	SBK C	fi SS P	SEP				
		29-35	C w/SBK	fr SS SP	SEP				
		35-48	C w/Sap mix (C 40% Sap)						
2	L 7%	0-8	Scl	fr SS NP					PS .30
		8-18	SC w/Sap	Fr SS SP	SEP				
		18-30	C w/Sap	Fr SS SP	SEP				
		30-48	Sap mix w/ SR	SR	NP				
3	L	0-4	Scl	fr SS NP	SEP				PS .30
		4-21	SC	fr SS SP	SEP				
		21-33	C/w Sap	SS SP	SEP				
		33-48	Sap & SR Some Fine	vFr	NP	NP			
4									

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: P. Mitchell + B. Johnson
OTHER(S) PRESENT:

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)

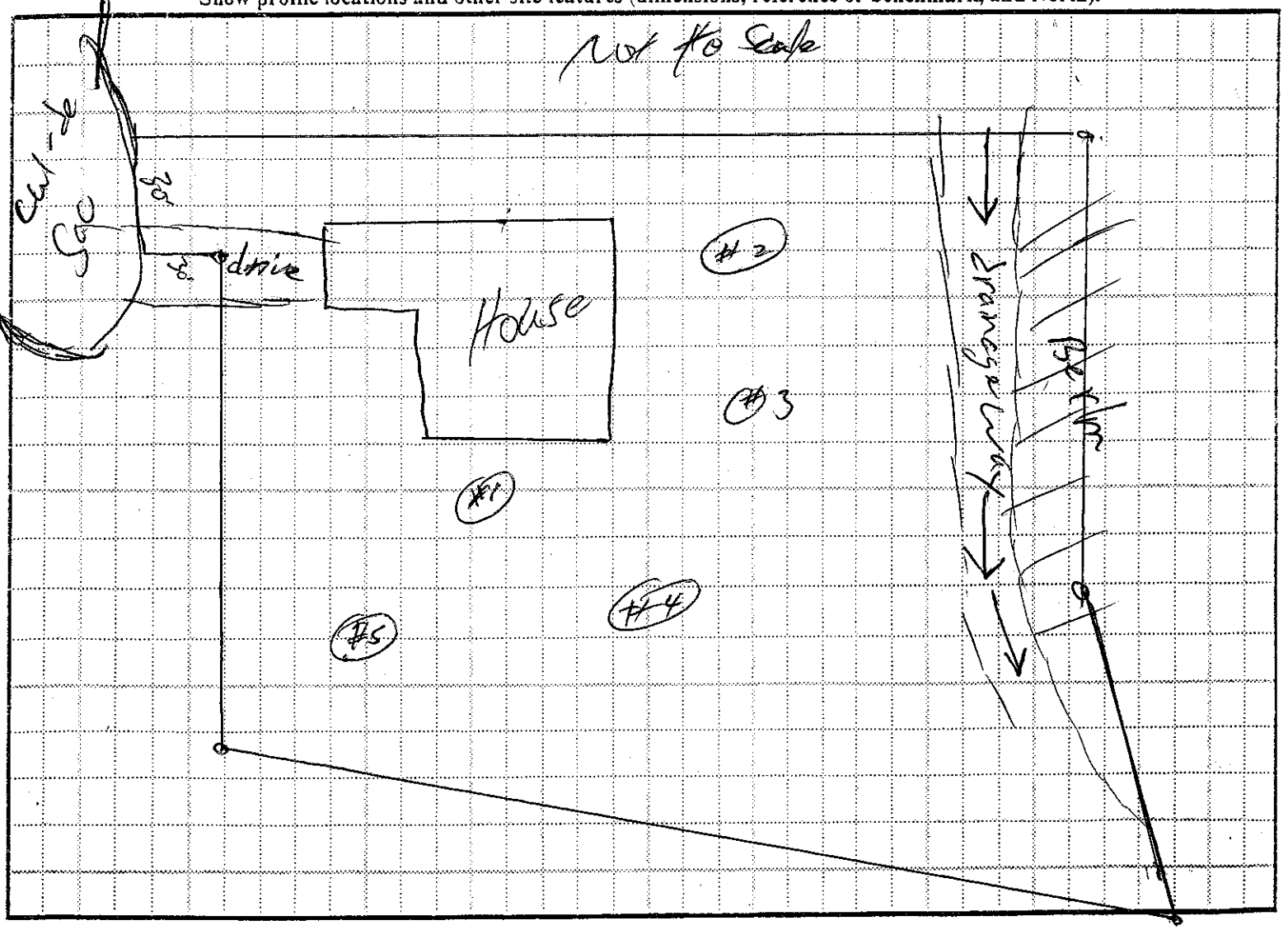
NOTES

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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SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Chris Davidson APPLICANT: Same
ADDRESS: APPLICATION DATE: DATE EVALUATED:
PROPOSED FACILITY: 3 Bdrm Home PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE:
LOCATION OF SITE: PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
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1	Linear	0-5	Sal SBK	fr SS vel SEXP					PS .36
		5-18	C SBK	fi SS p SEXP					
		18-40	cl 4/Sap vSBK	Fi SEXP					
		40-48	Sap @ SL	NS NP NEXP					
2	Linear	0-4	Ls	fr NEXP					PS .35
		4-20	SL SBK	fi ss sp SEXP					
		20-35	cl 4/Sap SBK	Fr ss sp SEXP					
		35-48	Sap @ Ls	NEXP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Trench/ 250 Lin Ft	Pump Trench
Site LTAR	.30	.30

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT:

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