

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: William King APPLICANT: William King
ADDRESS: Bunnhead P.C. APPLICATION DATE: 5-20-96 DATE EVALUATED: 6-9-96
PROPOSED FACILITY: SW MH PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Loop Rd. PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

P R O F I L E #	.1940 LAND- SCAPE POSITION/ SLOPE %	HORI- ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)				OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ			
1	L 1/5%	0-36	LS	m	NEX	VFR					PS .6
		36-40	SCL	wsbk	NEX	FR					
		40-48	SC	sbk	SEX	FI					
2	L 1/5%	0-30	LS	Gr	NEX	VFR					PS .4
		30-48	SC	sbk	SEX	FI					
3	L 1/5%	0-40	LS	m	NEX	VFR					PS .6
		40-48	SCL	wsbk	NEX	FR					
4	L 0.15%	0-48	LS	m	NEX	VFR	38 38"				PS .9

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):
Available Space (.1945)	OK	OK	SITE CLASSIFICATION (.1948): <u>PS</u>
System Type(s)	conv.	chamber	EVALUATED BY: <u>JJ Endy</u>
Site LTAR	.6	.6	OTHER(S) PRESENT: _____

LEGEND*use the following standard abbreviations*

<u>LANDSCAPE POSITION</u>	<u>GROUP</u>	<u>SOIL TEXTURE</u>	<u>CONVENTIONAL 1955 LTAR</u>	<u>LPP 1957 LTAR</u>	<u>MINERALOGY/ CONSISTENCE</u>	<u>STRUCTURE</u>
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)			SEX ^o (Slightly Expansive)	M (Massive)
D (Drainage Way)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3	EXP (Expansive)	CR (Crumb)
DS (Debris Slump)		L (Loam)				GR (Granular)
FP (Flood Plain)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		SBK (Subangular Blocky)
FS (Foot Slope)		SICL (Silty Clay Loam)				ABK (Angular Blocky)
H (Head Slope)		CL (Clay Loam)				PL (Platy)
L (Linear Slope)		SCL (Sandy Clay Loam)				PR (Prismatic)
N (Nose Slope)		SLC (Silt Loam Clay)				
R (Ridge)					<u>MOIST</u>	<u>WET</u>
S (Shoulder Slope)	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable)	NS (Non-sticky)
T (Terrace)		SIC (Silty Clay)			FR (Friable)	SS (Slightly Sticky)
		Clay			FI (Firm)	S (Sticky)
		O (Organic)	None		VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
					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)

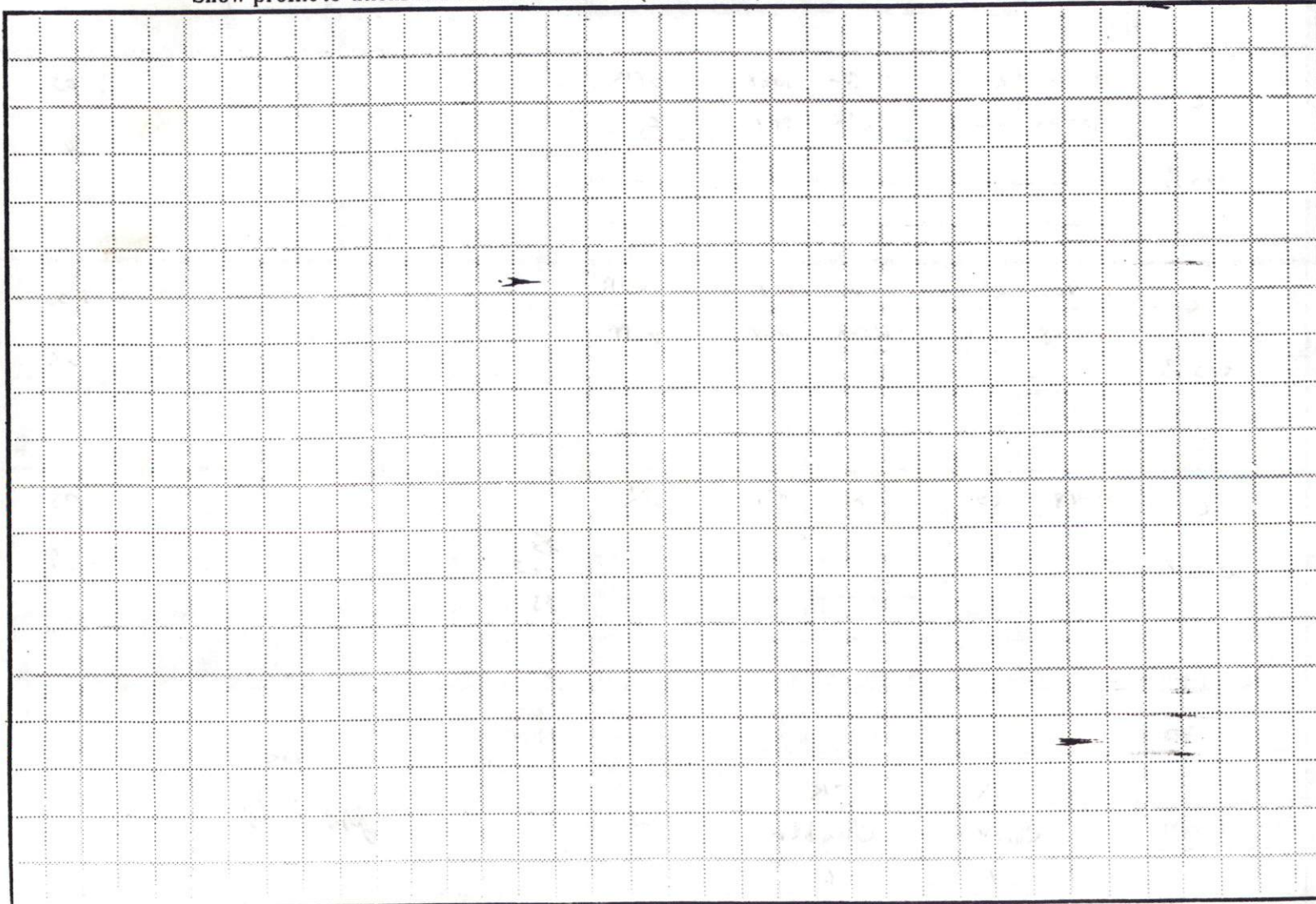
SOIL WETNESS

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).**

849.93 M 65-64 N

DATE FILLED APPROV. _____
 District NA Use _____
 # Bedrooms 3
 5-20-76
 Zoning Administrator _____

9.58 ACRES

2 ACRES

$$\frac{N16^{\circ}-17'E}{275'}$$

65.804
M.81 - .785

526°-40'W
15'

S 18°-02'W S 10°-37'W

4-40

540-5312

$$\begin{array}{r} 100. \\ \hline 349 \end{array}$$

/

5261

387.6

← S 78.12E

577-01E

EXISTING
SWMH

RAILROAD S
FOUND

B117 K1N6

0-2915
 29-4852
 0-8815
 0-2915

0-2075
 20-4852

0-4075
 40-4852

0-0-0675
 36-4075
 40-4852

30x70
 24" deep

