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

Sheet ___ of ___
PROPERTY ID #: 138425
COUNTY: 47 136 4 1046

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jack Mac Dupree
ADDRESS: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: Carson 43A
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

APPLICATION DATE 10/24/06
DATE EVALUATED: _____
PROPERTY SIZE: _____
PROPERTY RECORDED: _____
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		0-4	sandy	loamy		36	E		PS - 5
		4-36	sand	loose					
		36-60	loamy sand	not limiting					
2		0-6	sandy	loamy		36	E		PS 5
		6-36	sandy	loamy					
		36-60	loamy sand	loose					
3	UP HILL DOES NOT EXIST (CUT)	0-24	sandy	loamy					PS 15
		24-60	loamy sand	loose					
		0-24	sandy	loamy					
		24-60	loamy sand	loose					
4		0-48	sandy	loamy					PS 5
		48-60	loamy sand	loose					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	Pump 25	LP 50%
Site LTAR	13	13

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)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
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	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.

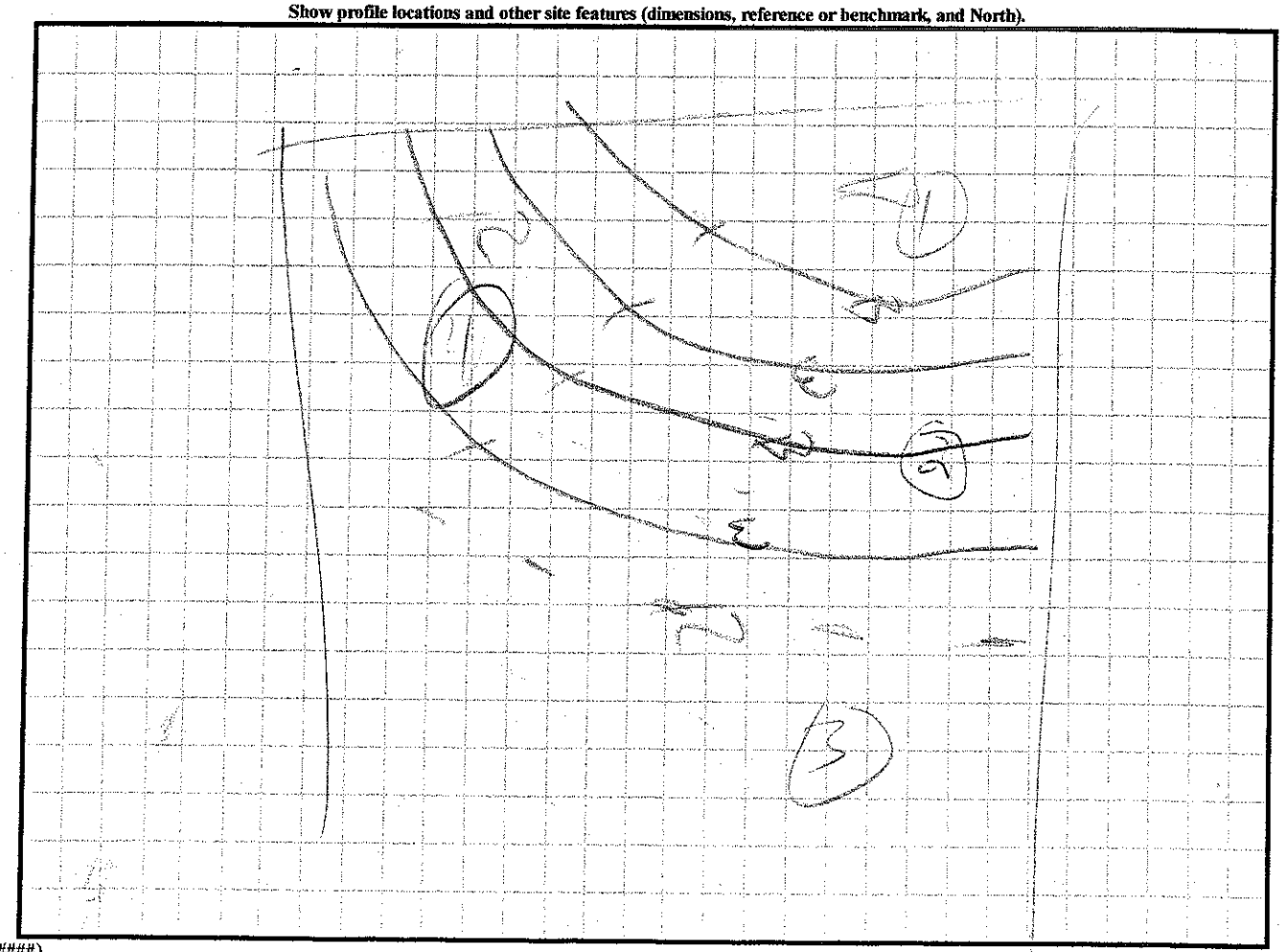
NOTES

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 (#####)

ITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

ER: _____ APPLICANT: _____

RESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 12-2-99

POSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____

ATION OF SITE: Eng Parks SFE's PROPERTY RECORDED: _____

ER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____

LUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut

E OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

.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
5A	0-5	gr sandy silt loam	fri fr sp SSNP					PS .3
	5-24	gr sl						
	24-60	gr LS/L	common mica fri fr sp					
5B	0-3	gr loamy sand						PS .3
	3-22	gr sl	fri fr sp SSNP					
	22-46	BC sbk gr cl	few common mica fri fr sssp					
	46-60	LS/L stratified	fri fr sp					
7A 43A	0-25	sandy loam L	fri fr sp SSNP					PS .3
	25-40	BC sbk cl L	common mica fri fr sssp					
	40-60	L/SL stratified	fri fr sp					
7B 43A	0-30	sandy loam L	fri fr sp					PS .3
	30-60	BC sbk sandy L/SL	common mica fri fr sssp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
able Space (.1945)		
n Type(s)		
TAR		

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____

OTHER(S) PRESENT: _____