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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Dixieland Inc APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 12-1-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 10 ph 1 Deer Crossing 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 & LTAI
1	w 8% S	0-6	wkSBK pbrwsl	fr sss p					.3
		6-24	mfSBK RC	fr sss p so/p					
		24-48	(B-C) wkfsbk yr cl	fr sss p	common med sdp few gr. rock in pit bottom				
2		0-9/13	mfsbk rc	fr sp so/p					
		9/13-52	massive/structureless gr. Rock vfi		few med sdp	(4)		(4)	(4)
3	13% S/K	0-3	gr-wksbk pbrwsl	fr					.3
		3-36	mfSBK RC	fr sss p so/p					
		36-52	wkfsbk RCl	fr sss p					
4		0-2	wkSBK pbrwsl	fr					.3-.25
		2-18	mfSBK RC	fr sp so/p					
		18-49	wkfsbkyrcl	fr sss p	common med sdp common red/brt mottles (some low chr)				

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
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)		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/ft^2

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

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COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Strickland APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 12-10-04
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: ___
LOCATION OF SITE: lot 10 phase I Deer Crossing (Continued) 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAI
5 A1	AK	0-10	wk SBK RC	fi sp					.25-.3
		10-99	wk fsbk-gr-cy clk	fr ss sp common int sap fairly int rock					
6 A2	pit 12% S/L	0-14	wk SBK RC	fi SO SAP					.25-.3
		14-25	wk fsbk RCL	fr ss sp	law int SAP few rock				
		25-60	massive / SAP w/ indurated fr ss sp	fi spots - but dig able					
7 B	pit 11½-12% S/L	0-5	somewhat compacted c	fi SP SS/V					.3
		5-36	wk-m fsbk RCL	fr ss sp SAP	few - common int SAP				
		36-60	w/ fsbk RL	fr ss sp					
8 A2	pit 13% S/L	0-6	some compact RC	fi SP SAP					.25-.3
		6-21	wk fsbk RCL	fr ss sp few-fair SAP few rock					
		21-60	wk fsbk massive V-gr L	fr ss sp common int few rock					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Gen 2 Std	LPP PBPS
Site LTAR	.3	.25

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ES
EVALUATED BY: DHHunn
OTHER(S) PRESENT: ___

COMMENTS: _____

LEGEND

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