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

Sheet ____ of ____
PROPERTY ID #: 138426
COUNTY: 4713645363

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Ramiro Ramirez
ADDRESS: 9815 J. Sam Ford Suite 201 Huntsville NC 28078
PROPOSED FACILITY: Trailer
LOCATION OF SITE: Bud Wells Lot 48
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut

APPLICATION DATE 9-11-01
DATE EVALUATED: 9-11-01
PROPOSED DESIGN FLOW (.1949): ____
PROPERTY SIZE: .48
PROPERTY RECORDED: Yes
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	PROFILE CLASS & LTAR
1	30/D L	0-3	SL WKGR	FRSAPROP	YELLOW/BROWN MOTTLES				PS .25
		3-18'	CL WKSBK	FSSPSSP					
		18-48"	CONSBK	FSSPSTC	30-38'				
2	30/D L	0-3	SL WKGR	FRSAPROP					PS .3
		3-48"	CONSBK	FSSPSTK					
3	30/D L	0-3	SL WKGR	FRSAPROP					PS .3
		3-48"	CONSBK	FSSPSTK					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	CONV 50%	LPP 50%
Site LTAR	.3	.3

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. LUCK
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 Finn 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.

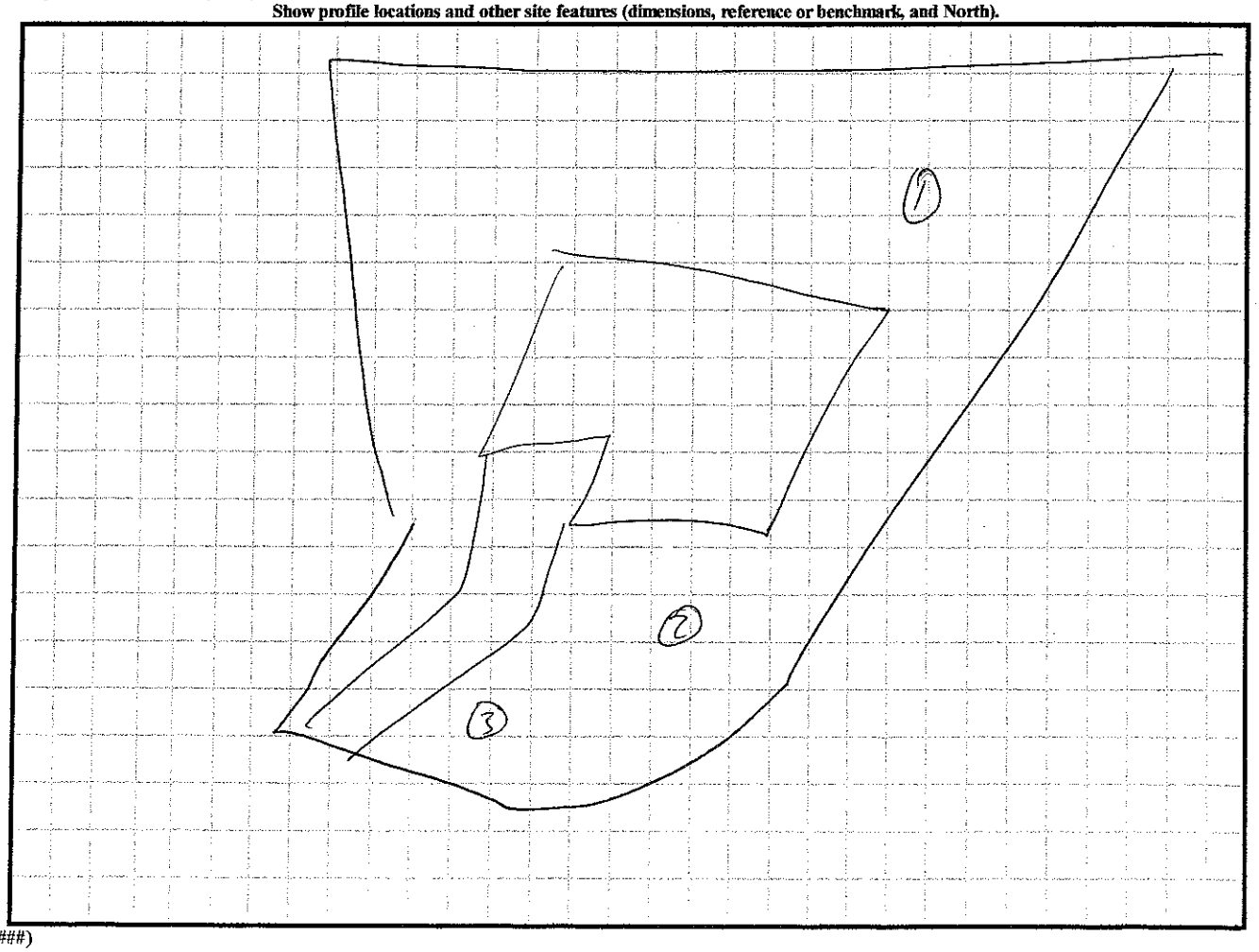
NOTES

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 (#####)

...E WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

...R: Earl Ewart APPLICANT: _____
...ESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 7-14-99
...SED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
...TION OF SITE: Lot 60 Angel Oaks PROPERTY RECORDED: _____
...R SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
...JATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
...F WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

...1940 LAND-SCAPE OSITION/ SLOPE %	HORI-ZON 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
	0-5	gr brsl fr		36"+				PS .3 @ 240
	5-36	sbk rc fr	ss sp					
	36-48	wk sbk + part mas	Sct common inf sp, few low chr drainage mottles					
	0-19	SaCrL	fr ss sp					PS .3
	19-47	wk sbk rc	fr ss sp					
	47-60	wk sbk + gran CL	few common inf sp fr SSSD					
	0-12	(dry) gr sl						PS .3
	12-25	sbk rc	fr ss sp					
	25-63	wk sbk rc	fr ss sp					
	0-21	comp gr cl/cL	vfi					PS .3 @ 21"
	21-44	wk sbk rc	fr SSSSP					
	44-65	sbk gr cl	fr common inf sp					

...SCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
...: Space (.1945)		
...ype(s)		
...R		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____