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

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Sheet 1 of 1
PROPERTY ID #:
COUNTY: Yadkin

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Shelly Burwell APPLICATION DATE 2-2-10
ADDRESS: 843 Traynum Hamptonville 27020 DATE EVALUATED 2-18-10
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 3bd PROPERTY SIZE: @ 22.98
LOCATION OF SITE: 77N → Cut 65 (R) 90 (L) Eagle Mill Tr Property 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	PROFILE CLASS & LTAR
1	L	0-7	C ABL	SSSPSeqPfi					
		7-40	C ABL	SSSPSeqPfi					
		40-48	C ABL	SSSPSeqPfi	water		24" Sprinkler Repair		
					NA	48	NA	40"	.25
2	L	0-9	C WBL	SSSPSeqPfi					
		9-37	C WBL	SSSPSeqPfi					
		37-48	C WBL	SSSPSeqPfi	→ SAP inclusions				
					NA	48	NA	NA	.3
3	L	0-8	C WBL	SSSPSeqPfi					
		8-30	C WBL	SSSPSeqPfi					
		30-48	C WBL	SSSPSeqPfi	SAP inclusions				
					NA	48	NA	NA	.3
4	L	0-12	C SBL	SSSPSeqPfi					
		12-48	C ABL	SSSPSeqPfi					
					NP	48	NA	NA	.25

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1440/360	1440/360
System Type(s)	100% 25%/6	25% Pump
Site LTAR	.25	.25

OTHER FACTORS (.1946): NA
SITE CLASSIFICATION (.1948): B
EVALUATED BY: Kyle Cox
OTHER(S) PRESENT: Steve Hedrick

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTU
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	SCL (Sandy Clay Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiL (Silt Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SiCL (Silty Clay Loam)			MOIST	WET
S (Shoulder Slope)		Si (Silt)				
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		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.

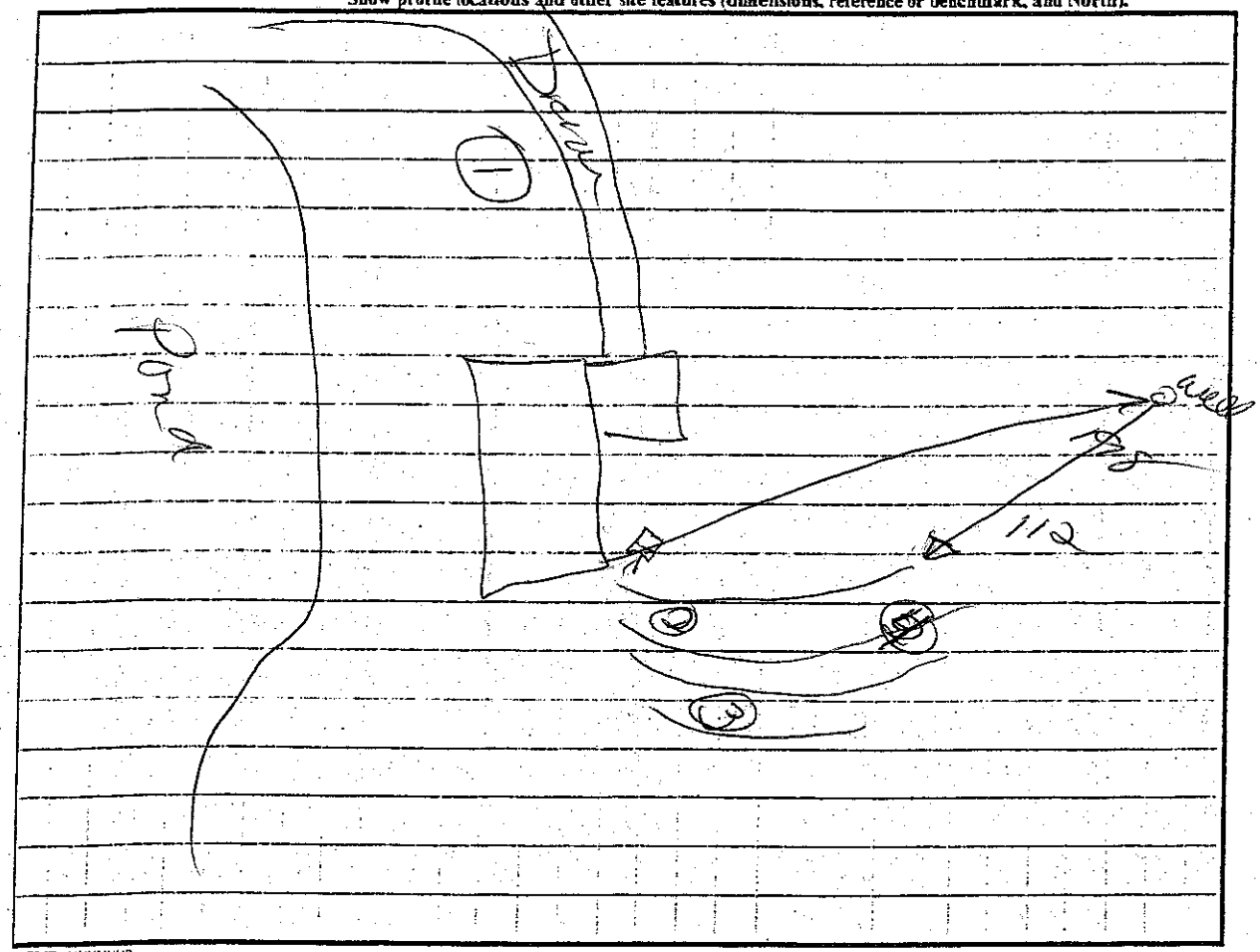
NOTES

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 (#####)