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

4830-00-7394

Sheet 1 of ___
PROPERTY ID #: ___
COUNTY: Ire

APPLICANT: WAYNE HOMES, LLC

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: BUSY B FARMS INC APPLICATION DATE 12-23-03
ADDRESS: 114 IVEY OAK RD STATESVILLE 28625 DATE EVALUATED: 2/2/04
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: .54
LOCATION OF SITE: HWY 115N (R) HAMS GROVE RD ON LEFT PROPERTY RECORDED: YES
WATER SUPPLY: ☑ Private ☑ Public ☐ Well ☐ Spring ☐ Other BEFORE CHIPLEY FORD RD
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	PROFILE CLASS & LTAR
1	L 2%	0-12	WK GR SL	VFR NS/NP SEXP	relic mottling @ 24"	>48	—	—	PS .25
		12-22	MO SBK C	FR S/P SEXP					
		22-48	MO ABK C+SAP	FI S/P SEXP					
2	L 2%	0-5	WK GR SL	VFR NS/NP SEXP	10YR 6/2 @ 13"	>48	—	—	PS .25
		5-28	MO SBK C+SAP	FR S/P SEXP					
		28-48	MO ABK C	FI S/P SEXP					
3	L 2%	0-8	WK GR SL	VFR NS/NP SEXP	—	>48	—	—	PS .25
		8-24	WK SBK SCL	FR S/P SEXP					
		24-37	ST ABK C	FI S/P SEXP					
		37-48	ST ABK C+SAP	FI S/P SEXP					
4	L 2%	0-12	WK GR SL	VFR NS/NP SEXP	—	>48	lense of SAP @ 36"	—	PS .25
		12-24	MO ABK C	FI S/P SEXP					
		24-48	MO ABK C+SAP	FI S/P SEXP					

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) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SCL (Sandy Clay Loam) SiL (Silt Loam) CL (Clay Loam) SiCL (Silty Clay Loam) Si (Silt)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None			

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.**

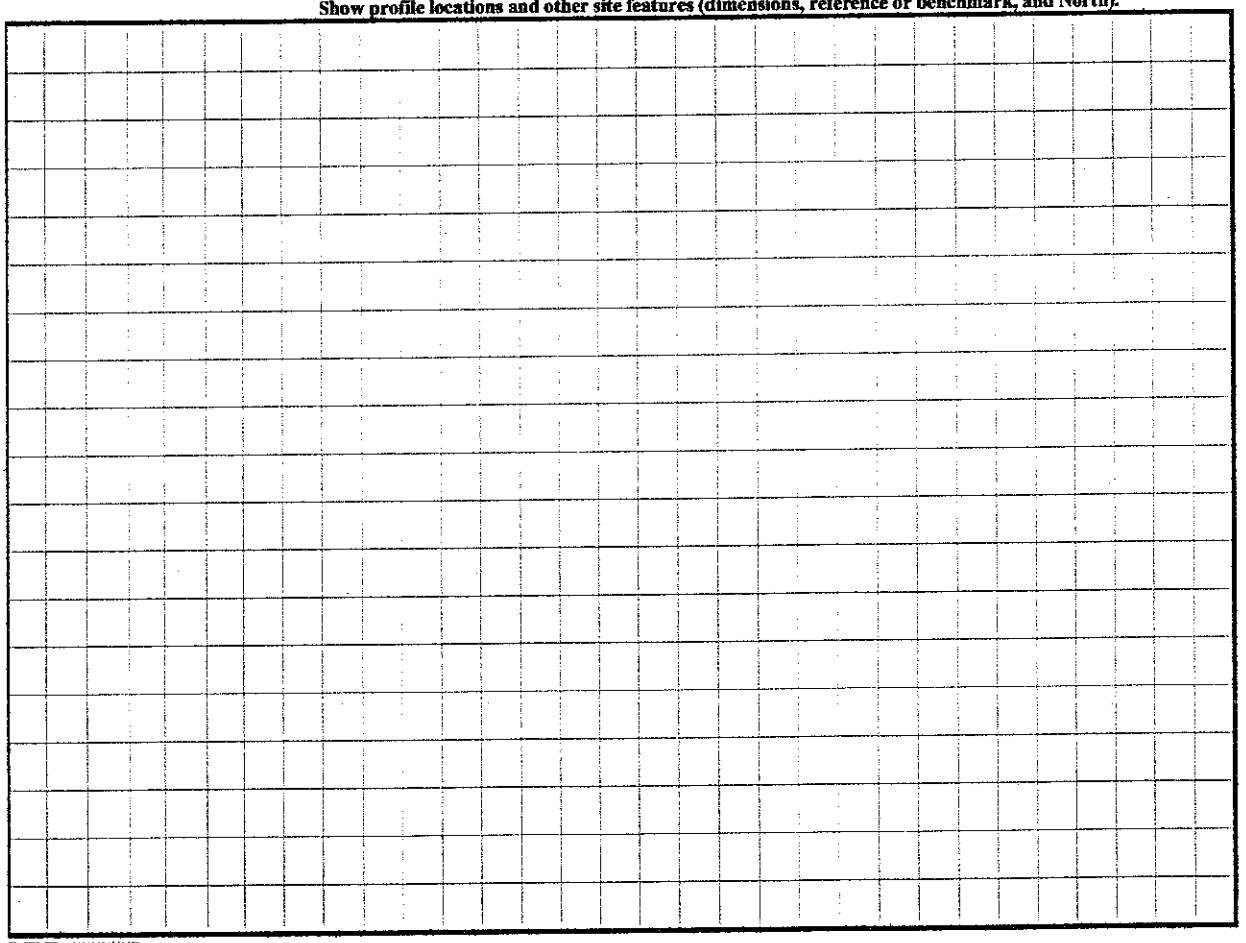
NOTES

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 (#####)

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

4830-00-7394

Sheet 2 of
PROPERTY ID #:
COUNTY: Ire

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: BUSY B. FARMS, INC. APPLICANT: WAYNE HOMES / SCOTT CUSHING
ADDRESS: 130 VICTORY LN. 28625 APPLICATION DATE: 12-22-03 DATE EVALUATED: 2/2/04
PROPOSED FACILITY: 3 BR PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: .54
LOCATION OF SITE: HWY 115 N ® HAMS GROVE RD ON LEFT PROPERTY RECORDED: YES
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 & LTAR
1	L 5%	0-12	WK GR SL	VFR NS/NP SEXP	relic mottles @ 30"	>48"	—	—	PS .25
		12-24	MO SBK C	FR S/P SEXP					
		24-48	MO ABK C+SAP	FI S/P SEXP					
2	L 3%	0-6	WK GR SL	VFR NS/NP SEXP	—	>48	—	—	PS .25
		6-27	MO SBK C	FR S/P SEXP					
		27-48	MO ABK C+SAP	FI S/P SEXP					
3	L 2%	0-6	WK GR SL	VFR NS/NP SEXP	—	>48	—	—	PS .25
		6-24	MO SBK C	FR S/P SEXP					
		24-48	MO ABK C+SAP	FI S/P SEXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	GRAV. 25% RED.	PUMP 25% RED
Site LTAR	.25 GPD/FT²	.25 GPD/FT²

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Chris Sheild
OTHER(S) PRESENT: SCOTT CUSHING / WAYNE HOMES

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
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SAPROLITE	S(suitable) or U(unsuitable)
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