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

(New Lot)

Sheet 1 of 2
PROPERTY ID #:
COUNTY: Harnett

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Susan Walker, Occena + BJ Occena APPLICANT: Same
ADDRESS: Abbatoir Road APPLICATION DATE: 11/9/98 DATE EVALUATED: 11/20/98
PROPOSED FACILITY: 4 Bdr. PROPOSED DESIGN FLOW (.1949): ≤480 gpd PROPERTY SIZE:
LOCATION OF SITE: 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	PROFILE CLASS & LTAR
1		0-15	SL/GR	SEXP, fr	33" 10YR 6/2	S	—	—	US .3
		15-18	SCL/SBK	SEXP-fr					
		18-24	CL/ABK	SEXP fr fi					
		24-30	SC/ABK	SEXP, SS, P					
		30-↓	SC/WABK	SEXP, S, P					
2		0-12	LS/GR	SEXP, vfr	<12" 7.5YR 3/0	US	—	—	US —
		12-↓	Disturbed	—					
3		0-12	LS/GR	SEXP, vfr	42" 7.5YR 3/0	US	—	—	US —
		12-18	Fill	—					
		18-↓	Disturbed	—					
4		0-14	LS/GR	SEXP, vfr	~36"	S	—	—	PS .5
		14-36	SCL/WBK	SEXP, fi, SS, P					
		36-↓	SCL/M	SEXP, P, SS					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	S
System Type(s)	CONV	CONV
Site LTAR	.5	.5

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Melissa Lindsay, R.S.
OTHER(S) PRESENT: Mr. Walker

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	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SIC (Silty Clay) Clay	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None			

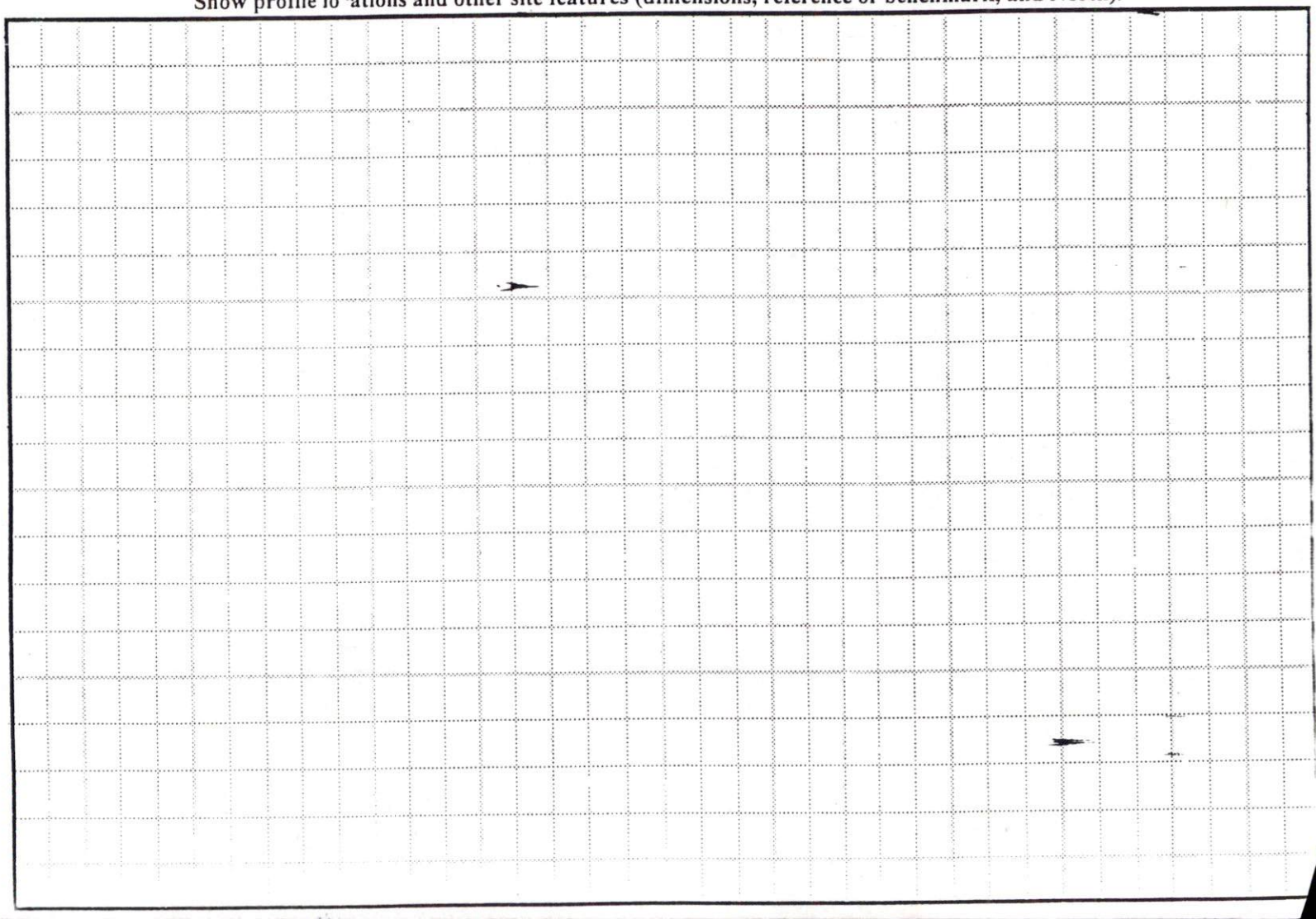
NOTES

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/ft²

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



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

(continued)

Sheet 2 of 2
PROPERTY ID #:
COUNTY: Harnett

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Susan Walker Deena + BJ Deena APPLICANT: same
ADDRESS: Abbatoir Rd. APPLICATION DATE: 11/9/98 DATE EVALUATED: 11/20/98
PROPOSED FACILITY: 4Bdr. PROPOSED DESIGN FLOW (.1949): ≤480 gpd PROPERTY SIZE:
LOCATION OF SITE: 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	PROFILE CLASS & LTAR
1 S		0-24	LS/GR	SEXP, vfr	<36"	S	—	—	PS .3.4
		24-30	SCL/SBK	SEXP, SS, SP					
		30-36	CL/ABK	SEXP, S, P					
		36-↓	CL/M	SEXP, S, P					
2 6		0-12	LS/GR	SEXP, vfr	26"	S	—	—	LS 3
		12-18	SCL/SBK	SEXP, fr, fi					
		18-24	CL/ABK	SEXP, S, P					
		24-↓	C/M	SEXP, S, P					
3 7		0-25	LS/GR	SEXP, vfr	—	—	—	25-↓	—
		25-↓	IRON LAYER - restrictive could not get through						
4 8		0-30	LS/GR	SEXP, vfr	<36"	S	—	—	LS .5-.6
		30-↓	SCL/SBK	SEXP, fr					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Melissa Lindsay, R.S.
OTHER(S) PRESENT: —

COMMENTS: _____

LEGEND

use the following standard abbreviations

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	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SIC (Silty Clay) 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)

NOTES

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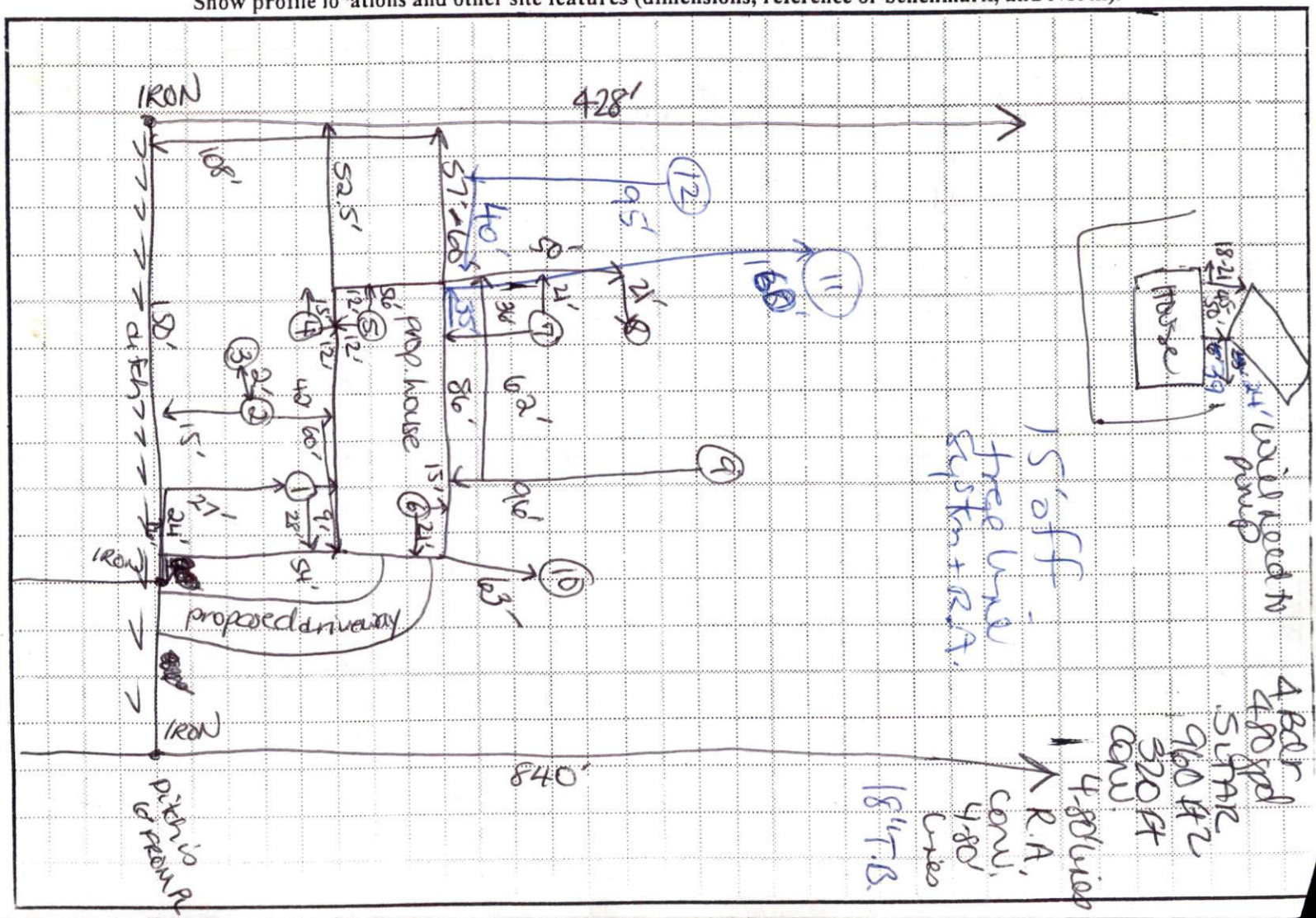

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

(continued)

Sheet ___ of ___
PROPERTY ID #:
COUNTY: Pasquotank

...IL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Susan Walker Occena + BJ Occena
APPLICANT:
ADDRESS: Abbott Air Rd.
APPLICATION DATE: 11/18/98 DATE EVALUATED: 11/20/98
PROPOSED FACILITY: 4 Bdr. PROPOSED DESIGN FLOW (.1949): ≤480 gpd PROPERTY SIZE:
LOCATION OF SITE: 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	PROFILE CLASS & LTAR
1 9		same as (8)			<36"	S	—	—	US .5- .6
2 10		same as (8)			<36"	S	—	—	US .5- .6
3 11		0-12	LS/GR		<48"	S	—	—	PS .5
		12-30	CL						
		30-36	SCL						
		36-42	SL						
		42-↓	LS						
4 12		0-30	LS/GR		<48"	S	—	—	PS .4
		30-↓	CL/SBK						

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Melissa Lindsay, R.S.
OTHER(S) PRESENT: